



SPECIAL TERMS AND CONDITIONS FOR TENDER PROCESSED THROUGH E-PROCUREMENT

(Tender Enquiry No. **2223-018E** Dated **25.06.2022**, Due date **06.07.2022**)

ITEM: End cover (Hard Board & Metallic)

Tender Enquiry No	2223-018E
Enquiry Date	25.06.2022
Last time and date of tender submission	14:00, Dt.06.07.2022
Tender opening time and date	15:30, Dt.06.07.2022
Quotation parts	Two parts
Material detail	Refer sheet list of items
Item Description	End cover (Hard Board & Metallic)
Delivery schedule (In days)	90 days from PO date
Validity of offer (In days)	70 days from tender opening
Documents required along with supply of material	Applicable
1. Test Certificate	Required as per TDC & Drawing
2. Compliance Certificate	Required as per TDC & Drawing

Reverse auction will not be conducted in this tender. **The items are not reserved for MSEs (micro and small).** There is no counter offer in this tender enquiry except MSE purchase preference mentioned in Clause 23 of GCC. Rates quoted should be F.O.R. BHEL Goindwal basis. The evaluation i.e. Comparison and procurement shall be done for Individual item of L1 bidder will be done item wise i.e. where one bidder is found to L1, then for individual quantity PO will be released and bidders have to execute the order what so ever be the quantity and PO value.

This is a two-part tender i.e. Part-1 and Part2. Part-1 is techno-commercial bid evaluation and Part-2 is price bid comparison. The Part-1 qualified bidders will only be eligible for part-2 opening.

Quotation Submission

This tender is through e-procurement mode for supply of “End cover (Hard Board & Metallic)” as per specifications mentioned in tender terms. Interested bidders / suppliers shall submit their offer through e-procurement mode at <https://eprocurebhel.co.in/>. Offers in any other mode will not be accepted. In case of any difficulty faced while registering on BHEL’s e-Procurement portal developed by NIC, queries may be addressed to 0120-4001002, 0120-4001005 and 0120-6277787; email: support-eproc@nic.in. These details are also available on ‘Contact Us’ page of the portal.

Pre-Qualification terms for participating in the tender

1. Supplier should be manufacturer of any MS sheet metal fabrication items. Supplier to upload undertaking/ISO certificate/documentary evidence for being manufacturer.
2. Supplier shall submit customer Purchase Orders (one or more of any party) for supply of MS sheet metal fabrication items having value of Rs. 1,50,000.00 (Rs. One Lakh fifty thousand Only) as proof. Purchase Order/s date should be 01.06.2019 or afterwards and up to 01.06.2022.

Start-ups shall be exempted from this criteria of Purchase order submission without any relaxation in quality standards or technical parameters as per D.O. No. 5(4)/2016-BE-I dated 15.02.2017. For claiming Start-Up exemption, vendors have to submit DPIIT (Dept. of



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Promotion of Industry and Internal Trade)/DIPP (Department for Industrial Policy and Promotion) recognition certificates.

BHEL may carry out evaluation of bidder's capability. BHEL reserves the right to accept / reject any offer based on evaluation of bidder's capability. For verification of data presented for pre-qualification bid, BHEL may decide to visit the bidder(s) works. Any fact found deviating from bids during evaluation shall make the bidder liable to be dis-qualified.

Special Tender Terms

1. SCOPE OF SUPPLY:

Material shall be supplied as per the applicable latest Material Standard requirements/BPS/Drawing and other requirement as given in list of items. National & International material standards shall have to be arranged by vendors themselves. The bidders have to arrange latest applicable IS standards by their own.

Inspection can be done by BHEL or can arrange third party for inspection. In case of TPI/BHEL inspection, the Material shall be inspected as per applicable drawing/standard. The material shall be dispatched by vendor only after dispatch clearance from BHEL IVP. TPI inspection charges will be borne by BHEL. The vendor has to arrange their own gauges for inspection. Please note that the TPI inspection may take 5 to 6 days considering visual inspection and testing witness.

2. LIST OF ITEMS:

Following items are there in this tender enquiry: -

Sl.no.	MATL_NO	DESCRIPTION	Qty	Drawing No.
1	220710400000	END COVER-1370 (HARD BOARD IS 1658)	1000	2V137001767/01
2	220710470000	END COVER-1386 (HARD BOARD IS 1658)	150	2V138601767/01
3	220710480000	END COVER-1387 (HARD BOARD IS 1658)	100	2V138701767/01
4	220710510000	END COVER-1377 (HARD BOARD IS 1658)	600	2V137701767/01
5	964530010000	METAL. END COVER-G041	200	2VG04115483/03
6	964530040000	METAL. END COVER-G004	150	2VG00415483/03
7	964530090000	METAL. END COVER-G001	100	2VG00115483/03
8	964530140000	METAL. END COVER-W441	20	2VW44115483/03
9	964565510000	METTALIC ENDCOVER-K601	30	3VK60195348/00
10	964650010000	METTALIC ENDCOVER-N826	30	3VN82623461/03
11	964652900000	METAL. END COVER-W001-6-300RV	400	2V288714336/02
12	964652950000	METAL. END COVER-W001-8-300RV	300	2V288814336/02

Note: **In case Metal End Cover coating of red oxide primer is required.**

3. VALIDITY OF OFFERS AND CONTRACT:

The offers shall be kept open for acceptance for **70 days** from the date of opening of the tender. In case of extension of tender opening date, the validity shall be suitably revised.



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4. DELIVERY SCHEDULE:

The material shall be supplied within 90 days from the date of purchase order. If supplier fails to supply items within PO delivery date, BHEL reserves the right to cancel the PO and initiate risk purchase against failed supplier as per BHEL risk purchase guidelines.

5. PART-I: TECHNO-COMMERCIAL BID should contain *all the documents/confirmations as per following details:*

- a) Duly filled and signed part-1 format.
- b) Documents as per pre-qualification terms.
- c) Duly filled Annexure-A (Declaration for RESTRICTIONS UNDER RULE 144(XI)).
- d) Duly filled Annexure-B (Non-Disclosure Agreement).

These Special terms & conditions and GCC collectively are the part of tender terms and conditions All Special terms will overrule GCC.



General Contract Conditions (GCC) of MM Tenders

BHARAT HEAVY ELECTRICALS LIMITED

Industrial Valve Plant: 433, Industrial Complex,
Goindwal Sahib, Dist. Tarn Taran,
Punjab-143422 (INDIA)

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BHARAT HEAVY ELECTRICALS LIMITED

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1. INSTRUCTION TO BIDDER

Quotations shall be submitted before due date and time. Late offers are liable to be rejected, so please ensure to submit bid well within due date and time. Techno-commercial part will be opened on due date.

Based on evaluation of techno-commercial offers, Price bids of bidders who qualify from techno-commercial evaluation shall be opened. BHEL may decide to open the Price bid same day at 1700 hrs. If not opened on the same day, all qualifying bidders shall be notified for date of opening of Price bids by email/fax/post/courier/E-procurement system generated email.

1.1 Instruction to Bidder (In case of Non-E-Procurement / Paper/ Manual/ Hard Copy based tenders)

Sealed Tenders can be dropped in the tender box labeled as 'Tender box for MM contracts'. This tender box is located at the entrance of Admin block BHEL Goindwal. Quotations can also be submitted through e-mail at tendermm_ivp@bhel.in. Offers received in time shall be considered only when offers are complete in all respects. In case of bulky tenders, please handover quotation to Sh. Rakesh Kumar/ SDGM - Head-MM or Sh. Sumeet Bansal / Sr. Manager - MM [Contact: 01859 224 615 / 628]. Bid can be sent to following address:

**BHEL, Industrial Valve Plant,
#433, Industrial Complex,
Goindwal Sahib, Distt. Tarn Taran,
Punjab-143422.**

1.2 Instruction to bidder (In case of E-Procurement)

- Interested bidders / suppliers shall submit their offer through e-procurement mode at <https://eprocurebhel.co.in/>.
- Offers in any other mode will not be accepted.**
- Procedure for submission of tender is available in the "Bidder Manual Kit" at e-tender portal <https://eprocurebhel.co.in/>.
- In case of any difficulty faced while registering on BHEL's e-Procurement portal developed by NIC, queries may be addressed to 0120-4001002, 0120-4001005 and 0120-6277787; email: support-eproc@nic.in. These details are also available on 'Contact Us' page of the portal.
- Before uploading scanned documents if any, the bidders shall sign on all the statements, documents, certificates uploaded by him, owning responsibility for their correctness / authenticity.
- Disclaimer clause:** Neither the Organization (Bharat Heavy Electricals Ltd.) nor the service provider is responsible for any failure of submission of bids due to failure of internet or other connectivity problems or reasons thereof.

2. SCOPE OF SUPPLY

Material shall be supplied as per the applicable latest Technical Delivery Conditions (TDC)/ Material Standard requirements/BPS/Drawing and other requirement as given in the Tender Enquiry. National





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& International material Standards shall have to be arranged by vendors themselves. Latest applicable revisions of standards/procedures to be referred.

All required tests as called in referred material standard/BHEL/TDC/drawing etc. shall be carried out by vendor at no extra cost. Material Test Certificates (MTC), inspection reports and Compliance/Guarantee Certificate are to be provided along with the supplies.

3. PRICE BASIS

1. Order of enquiry item sl. no. shall be maintained in the quotation.
2. The rates quoted shall be firm and fixed. No price variation is proposed and allowed.
3. Rates quoted should be FOR BHEL Goindwal basis. The offers quoted on other than FOR Goindwal basis are liable to be rejected.

In case bidder has quoted Ex-works prices, then he/she will be given an opportunity to accept price basis as FOR Goindwal either by accepting delivery as FOR Goindwal in same quoted price or by providing loading factor on his/her quoted ex-works prices to make them FOR prices.

Variation in GST or any other statutory levies during contractual delivery period shall be to BHEL's account.

4. DISCREPANCY IN WORDS AND FIGURES

1. If, in the price structure quoted for the required goods/ services/ works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity}, the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
2. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
3. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject of (a) and (b) above.
4. If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.
5. Bids 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 shall be liable for rejection.
6. All overwriting/cutting, etc will be numbered by bid opening officials and announced during bid opening.

5. EVALUATION IN CASE OF MORE THAN ONE L-1 BIDDER

In the course of evaluation, if more than one bidder happens to occupy L1 status, effective L1 will be decided by soliciting discounts from the respective L1 bidders.





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In case more than one bidder happens to occupy the L1 status even after soliciting discounts, the L1 bidder shall be decided by a toss / draw of lots, in the presence of the respective L1 bidder(s) or their representative(s).

Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding.

6. REVERSE AUCTION

In case, it is declared in special terms & conditions of tender enquiry that RA is applicable for the NIT, then RA will be conducted as per following clause:

BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on <https://www.bhel.com/>) for this tender. RA shall be conducted among the techno-commercially qualified bidders as per RA guidelines.

Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.

7. VALIDITY OF OFFERS

The offers shall be kept open for acceptance 'for number of days mentioned in special terms and conditions' from the date of opening of the tender. In case of tender extension, the bid validity shall be considered from the date of tender opening.

8. SUPPLIED MATERIAL ADJUSTMENT

Item/s pending in previous PO has to be billed in previous PO only. Otherwise, BHEL will be free to adjust the supplies in previous PO. Any implication of tax will be on supplier's account. For this it is desirable that vendor should reconcile the pending PO statement every month/frequently with BHEL. Vendor can also view these details at Portal (<https://trichy.bhel.com/mm/index.jsp>).

9. DELIVERY SCHEDULE

Supplies shall be affected and completed as per schedule mentioned in special terms and conditions. **Further, BHEL may release delivery schedule from time to time based upon our requirement with mutual understanding.** Vendor shall be required to complete the order as per the BHEL schedule requested. Commencement of delivery period shall be reckoned from the date of PO / LOI or any other agreed milestone.

10. LIQUIDATED DAMAGES (LD) FOR LATE DELIVERY

Time is the essence of the contract'. As such, delivery of goods specified in the Purchase Orders released under the scope of this contract shall be made within the time limit prescribed therein. Penalty for late delivery will be applicable @0.5% of the undelivered portion per week of the delay or part thereof subject to a maximum of 10% of the undelivered portion.





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In case of Ex-works delivery terms for indigenous supplies, the document date (Invoice/Challan date) in Goods Receipt (GR) document shall be reckoned for LD deduction. In case of FOR Delivery terms for Indigenous supplies, the posting date in GR document shall be reckoned for LD deduction.

If any vendor does not accept LD ½% of the supply for each week of delay subject to a maximum of 5%, their offer is likely to be rejected by BHEL and the price bid shall not be opened. Bidders accepting for 10% LD shall not be loaded on account of LD. However, bidders who offer any other % LD [between 5% to 10%] shall be loaded @ % deviation from 10% and their accepted %. e.g. If a bidder accepts for a max of 7% LD only, their offer would be loaded @ 3% (10 – 7 = 3).

BHEL reserves the right to receive or not receive the material after the due date of PO. Applicable GST shall also be recovered from suppliers/contractors on LD amount. For this Debit note will be issued by BHEL indicating the respective supply invoice number.

11. PAYMENT TERMS

1. Due payment against supplies received shall be due after 30 days of receipt and acceptance of material and shall be paid within next 15 days' period. In case of any deviation from standard payment term mentioned, BHEL at its discretion may load on the item price at 'Base rate of SBI (as applicable on the date of bid opening; Techno-commercial bid opening) + 6% shall be considered for loading for the period of relaxation sought by bidders.
2. Documents to be submitted (if applicable)
 - i) Tax invoice (Invoice shall be GST compliant and should contains all the required information such as GST No, HSN code etc.)
 - ii) Transporter copy along with material/consignment.
 - iii) Material Test Certificates (MTC) and
 - iv) Compliance Certificate.
3. GST registration number is to be submitted by qualified vendor as per GST law.
4. It is mandatory to mention proper material codes in the invoices and separate invoices to be raised for different POs.
5. **BHEL releases payment through EFT mode ONLY. Necessary details may please be submitted by filling required format before release of payment.**

12. TAXES & DUTIES

Payment of GST portion will be released to vendor only upon completion of statutory requirement and further subject to following:

- a) Vendor declaring such invoice in his GSTR-1 and
- b) Receipt of goods and Tax invoice by BHEL and
- c) Confirmation of payment of GST thereon by vendor on GSTN portal.
- d) Above is subject to receipt of goods/service and tax invoice thereof along with vendor declaring invoice in his return and paying GST within timeline prescribed for availing ITC by BHEL.

Following may please be noted for availing Input Tax Credit (ITC) by BHEL:





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1. Since ITC can be availed only when BHEL is in possession of GST Tax invoice and after receipt of goods. Thus, vendor to ensure timely dispatch of goods and Tax invoice. It may be noted that in case of any delay in receipt of Tax Invoice and/or receipt of goods, the ITC availment by BHEL will get delayed thus entailing additional cash outflow & may even get denied if ITC availment timelines are breached.
2. Further ITC can be availed only when vendor has declared such invoice in his outward supply Return GSTR-1 and after GST thereon has been paid by him at the time of filing of monthly Return.
3. If 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.
4. Further, 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/contractor along with interest levied/leviable on BHEL.

13. LIABILITY UNDER REVERSE CHARGE (RCM)

Any GST liability arising on BHEL under Reverse Charge (RCM) before actual receipt of goods and/or Invoice thereof would be subject to recovery of Interest leviable for the period between the date of such liability and actual date of eligibility of ITC based on receipt of goods, receipt of Invoices and other conditions specified in GST Law as applicable.

14. ACCESS TO MANUFACTURING PREMISES

While Purchase Orders placed on the vendor are under execution, authorized representatives of BHEL shall be allowed free access to the manufacturing facilities for the purpose of inspection or monitoring the progress of purchase orders. This access will also be extended to representatives of BHEL's customers accompanying the authorized representative/s of BHEL (which shall be intimated in advance), if our contractual requirements with our customers call for the same.

15. INSPECTION

1. The seller shall give adequate notice, of 1 week or as mutually agreed period, in writing to the Purchaser about the date and place at which the goods will be ready for inspection/ testing, as provided for in the contract.
2. Purchaser or his authorized representative shall be entitled to carry out inspection of material and workmanship/Surveillance Audit at Seller's premises or at his sub-contractor's premises at all reasonable times during execution of contract; Such inspection, examination and testing, if made, shall not absolve the Seller from his obligations under the contract. No additional charges shall be claimed for such inspections. Moreover, all required infrastructure (testing, tools etc) have to be arranged by supplier.
3. Any inspection carried out before supply by vendor/incoming stage at BHEL notwithstanding, if any defect/non-conformity is noted during processing, the same shall be attended/replaced by vendor at no extra cost.
4. BHEL representative from unit or CQ is authorized to carry out audits along with TPIA at vendor's works before clearing the items for dispatch.





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5. Necessary tooling including thread gauges etc. have to be arranged by vendor. Only in exceptional cases, based on BHEL discretions item/nature, BHEL may consider request to provide gauges if available with BHEL. But in no case this shall be linked with delivery of material.

16. GUARANTEE / WARRANTEE AND CORRESPONDING REPAIR / REPLACEMENT OF GOODS

Goods shall comply with the specifications for material, workmanship and performance. Unless otherwise specified, vendor shall give a guarantee / warrantee for a period of 18 months from the date of receipt. In case of non-acceptance of this term, bid shall be liable for rejection.

If the delivery is found non-compliant during the warranty period, leading to rejection, the Seller shall arrange free replacement / repair of goods, within one month from the date of intimation or any mutually agreed period. Corresponding quantity shall be treated as unsupplied against respective purchase order till replacement is received at BHEL.. In the event of the Seller's failure to comply, Purchaser may take action as appropriate, including repair / replenish rejected goods, at the risk & cost of the Seller.

Lifting of rejected material is under Supplier's scope. BHEL will inform related invoice, quantity etc. to supplier. Supplier has to give advance intimation / plan (Transporter, Vehicle details) for the lifting of material. Further supplier has to provide requisite documents (such as Credit Note, e-Way Bill etc.) to lift the rejected material. Material should be lifted within one month from date of intimation. After one-month, BHEL will not be responsible for rejected material and BHEL shall have the right to dispose off such rejected material.

17. LOI (LETTER OF INTENT)

BHEL may issue LOI prior to the PO for any reason whatsoever. The LOI in such cases is to be treated as PO for all practical purposes and all the Terms & Conditions of the tender shall be applicable from the date of issue of LOI.

18. SUB-CONTRACT

The purchase order or any part thereof shall not be sub-contracted, assigned or otherwise transferred without previously obtaining the BHEL's consent in writing.

19. RISK PURCHASE

Risk & Cost Clause, in line with Conditions of PO may be invoked in any of the following cases:

- i) Supplier's poor progress of the supply vis-à-vis delivery/execution timeline as stipulated in the Contract, backlog attributable to supplier including unexecuted portion of supply that does not appear to be executable within balance available period
- ii) Withdrawal from or abandonment of the supply by contractor before completion as per contract.
- iii) Non-supply by the Supplier within scheduled completion/delivery period as per Contract or as extended from time to time, for the reasons attributable to the supplier.





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- iv) Termination of Contract on account of any other reason (s) attributable to Supplier.
- v) Assignment, transfer, subletting of Contract without BHEL's written permission resulting in termination of Contract or part thereof by BHEL.
- vi) Non-compliance to any contractual condition or any other default attributable to Supplier.

The value shall be calculated as follows:

$$\text{Risk \& Cost Amount} = [(A-B) + (A \times H/100)]$$

Where,

A= Value of Balance scope of Supply (*) as per rates of new contract

B= Value of Balance scope of Supply (*) as per rates of old contract being paid to the supplier at the time of termination of contract i.e. inclusive of PVC, if any.

H = Overhead Factor shall be taken as 5

In case (A-B) is less than 0 (zero), value of (A-B) shall be taken as 0 (zero).

*** Balance Scope of Supply:** Difference of Contract Quantities and Executed Quantities as on the date of issue of Letter for 'Termination of Contract', shall be taken as balance scope of Supply for calculating risk & cost amount.

Contract quantities are the quantities as per original contract. If, Contract has been amended, quantities as per amended Contract shall be considered as Contract Quantities.

Recoveries from the supplier on whom Risk & Cost has been invoked shall be made from following:

- (i) Dues available in the form of Bills payable to supplier, SD, BGs against the same contract.
- (ii) Dues payable to supplier against other contracts in the same Unit of BHEL.
- (iii) Dues payable to supplier against other contracts in the different Regions / Units of BHEL.
- (iv) Legal options for recovery of dues payable by the supplier.

20. FORCE MAJEURE

If at any time during the continuance of the contract, the performance in which or in any part by either party of any obligations under the contract are prevented or delayed by reason of any war, hostilities, acts of public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine restrictions, or acts of God (hereinafter referred to "an events" then provided the notice of happening of any such event is given by either party to the other within 21 days of the occurrence thereof, neither party shall by reason of such event be entitled to terminate the contract nor shall either party have any claim for damages against the other in respect of such non-performance and delay in performance and delivery under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist. If the performance in whole or part of any obligation under the contract is prevented or delayed by reason of any such event, claims of extension of time shall be granted for periods considered reasonable by BHEL subject to prior notification by the vendor to BHEL of the particulars of the event and supply to BHEL, if required, of any supporting evidence. Any waiver of time in respect of partial installment shall not be deemed a waiver of time in respect of remaining deliveries.





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21. NON-DISCLOSURE AGREEMENT

All Drawing and technical documents relating to the product or it's manufacture submitted by one party to the other, prior or subsequent to the formation of contract, shall remain property of the submitting party. Drawing, technical documents or other technical information received by one party, shall not without the consent of the other party, be used for any other purpose than that, for which they were provided. Such technical information shall not without the consent of the submitting party, otherwise be used or copied, reproduced, transmitted or communicated to a third party. Patterns supplied by BHEL will remain BHEL's property which shall be returned by the bidder on demand to BHEL. Bidder shall in no way share or use such intellectual property of BHEL to promote his own business with others. ***BHEL reserves the right to claim damages from the bidder, or take appropriate penal action as deemed fit against the bidder, for any infringement of the provisions contained herein.***

22. CLARIFICATIONS

The correspondence exchanged against the tender from both tenderer and BHEL through email/e-procurement are considered as valid document legally though it is not signed. It is treated as valid confirmations made on behalf of the respective company and very much comes under the legal ambit of the business transaction and hence it is binding on both the parties to the business. Any transaction pertaining to the tender from both the parties of business done round the clock irrespective of the office or business hours of the companies, are valid legally and binding on both the parties. This applies to the extent only in such cases where deadline time for transaction is not specifically declared by either or both the parties to the business.

23. PREFERENCES FOR MICRO AND SMALL ENTERPRISES (MSEs)

Preferences as mentioned in “Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012” & “Public Procurement Policy for Micro and Small Enterprises (MSEs) Amendment Order, 2018”, or as per latest guidelines issued by government shall be given to Micro and Small enterprises.

Main points which are mentioned in the above orders are as follows:

- 25% Procurement of the tender value shall be made from MSE (Micro, Small Enterprises) firms.
- 25% of the 25% quantity (i.e. 6.25% of the tender quantity) offered to the MSE's shall be reserved for MSE's owned by SC/STs. Failure to participate by any MSE owned by SC/ST's; this 6.25% quantity shall be procured from other MSEs.
- 3% from within the 25% quantity offered to the MSE's shall be reserved for women owned MSE's. Failure to participate by any MSE owned by women; this 3% quantity shall be procured from other MSEs.
- EMD shall be exempted for MSE's. All these benefits are subject to production of all statutory documents





General Contract Conditions (GCC) of MM Tenders

BHARAT HEAVY ELECTRICALS LIMITED

Industrial Valve Plant: 433, Industrial Complex,
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- In tender, participating Micro and Small Enterprises quoting price within price band of L1+15 per cent shall also be allowed to supply a portion of requirement by bringing down their price to L1 price in a situation where L1 price is from someone other than a Micro and Small Enterprise and such Micro and Small Enterprise shall be allowed to supply up to 25 per cent of total tendered value. In case of more than one such Micro and Small Enterprise, the supply shall be shared proportionately (to tendered quantity).

MSE suppliers can avail the intended benefits only if they submit **Udyam Registration Certificate** along with the offer. No other document shall be considered for availing MSE benefits. Non-submission of such document 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 cleared before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required document is to be uploaded on the portal.

Note: It may however be noted that MSE guidelines as on date (Date of Technical Bid Opening Part-I) shall prevail.

24. PREFERENCE TO MAKE IN INDIA

This procurement shall be governed by notification no. P-45021/2/2017-PP (BE-II) dated 16.09.2020 of Government of India issued by DPIIT and subsequent circulars issued afterwards. Accordingly, the minimum local content, the margin of purchase preference and the procedure for purchase preference to make in India shall be adhered.

25. RESTRICTIONS UNDER RULE 144(XI) OF THE GENERAL FINANCIAL RULES (GFRs), 2017

All provisions of Order No. F.No.6/18/2019-PPD of Department of Expenditure (DoE) shall be applicable for this tender enquiry (Order copy is available at <https://doe.gov.in/procurementpolicy-divisions>). Accordingly, any bidder from a country which shares a land border with India (except the countries to which the Govt. of India has extended lines of credit or in which the Govt. of India is engaged in development projects for which list is available at <https://www.mea.gov.in/>) will be eligible to bid in this tender only if the bidder is registered with the Competent Authority as specified in Annex I of the said Order of DoE.

Updated list of the countries to which lines of credit have been extended or in which development projects are undertaken are available on the Ministry of External affairs website (<https://www.mea.gov.in/>)

For the purpose of this order, definition of Bidder from a country which shares a land border with India shall be same as defined in the Annex III of the said order.

Registration with the competent authority as stipulated in the said order is responsibility of bidder. **Bidder has to submit a certificate certifying following along with offer:**

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country,





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has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered. [*Where applicable, evidence of valid registration by the Competent Authority shall be Attached*].”

26. DISPUTES

In the event of any dispute and/or difference arising between the Vendor and BHEL as to interpretation and/or execution of the contract and/or the respective rights and liabilities of the parties, such disputes and/or differences shall be referred to the sole arbitrator nominated by BHEL. The provisions of the Indian Arbitration Act and the rules there under shall apply to such arbitration. The award passed by the arbitrator shall be final and conclusively binding on all the parties.

27. JURISDICTION

The court of the place from where the purchase order is issued shall alone have jurisdiction to decide any dispute arising out of or in connection with the purchase order.

28. BANNED FIRMS

The offers of the bidders who are on the banned list as also the offer of the bidders, who engage in the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website <https://www.bhel.com/>.

29. FRAUD PREVENTION POLICY

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 <https://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.

30. PREVENTIVE CHECKS TO ELIMINATE SUSPECTED CARTEL FORMATION

The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.

31. SUSPENSION OF BUSINESS DEALINGS WITH DEFAULTERS

The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL web site <https://www.bhel.com/>.

1.0 Integrity commitment, performance of the contract and punitive action thereof:

1.1. Commitment by BHEL:





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BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all Bidder(s) in a transparent and fair manner, and with equity.

1.2. Commitment by Bidder/ Supplier/ Contractor:

1.2.1. The bidder/ supplier/ contractor commits to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India.

1.2.2. The bidder/ supplier/ contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by Govt. of India/ BHEL.

1.2.3. The bidder/ supplier/ contractor will perform/ execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/ money/ reputation, to BHEL.

If any bidder/ supplier/ contractor during pre-tendering/ tendering/ post tendering/ award/ execution/ post-execution stage indulges in mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India, then, action may be taken against such bidder/ supplier/ contractor as per extant guidelines of the company available on <https://www.bhel.com/> and/or under applicable legal provisions

32. GENERAL

1. BHEL will not be bound by any power of attorney granted by the vendors or by changes in the composition of the firm made subsequent to the execution of the contract. They may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the vendor concerned.
2. BHEL reserves the right to extend the due date of opening, which shall be informed. Validity of offer shall be deemed to be revised accordingly.
3. BHEL reserves the right to accept or reject any part or whole of the tender of a bidder by assigning a valid reason thereof. BHEL reserves the right to cancel the tender without assigning any reason thereof and without any obligation before any commitment.
4. Acceptance of all terms and conditions, in the form of signed copy of T&C or confirmation separately written, shall be submitted along with quotation. If nothing is mentioned, it shall be concluded that terms and conditions are acceptable.
5. BHEL may increase/decrease item/s based on BHEL requirement before price bid opening. Suitable price implication may be asked from suppliers.
6. BHEL may drop item/items from tender at any stage of tender before placing PO. BHEL may also delete PO with consent with supplier within delivery date of PO.





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7. After releasing PO, it is assumed that supplier has accepted PO if we do not receive acknowledgement from supplier within 5 days of date of PO.
8. In case of unscheduled holiday on opening day of tender, the next working day will be treated as scheduled prescribed day of opening of tender.
9. On the due date of tender opening, only technical bids will be opened. The opened technical bids will be evaluated by us and clarifications required, if any, will be called for from the bidders on technical and commercial points. If no reply is received from the vendor for the clarification raised by BHEL with in the final cut-off date, those vendors offer will be processed with the documents available / submitted against this tender. Offers not meeting the required specification and technical condition will be summarily rejected. The price bids of technically suitable bidders will be opened on a later date with prior intimation to techno-commercially suitable bidders.
10. Ranking L-1, L-2 etc. shall be done for individual item for the techno-commercially acceptable offers on landed cost to BHEL, IVP Goindwal basis and BHEL reserves the right to place order for individual items with different vendors.
11. BHEL reserves the right to negotiate with L1 vendor or re-float the tender for items where, L1 price is not the lowest acceptable price; BHEL reserves the right to increase or decrease the tender quantity.
12. If supplier is mentioning delivery destination within state/ outside state depending upon his location of factory, Free on Road etc. these are assumed as on FOR Goindwal. If supplier is wishing to give delivery on Ex works basis, then he has to clearly mention about it.
13. The bidder has to keep track of any changes by viewing the addendum(s) / Corrigendum(s) issued by the Purchaser on time-to- time basis in the E-Procurement platform. The Company calling for tenders shall not be responsible for any claims/problems arising out of this.
14. Unregistered suppliers, who are techno-commercially qualified against the open tender, are requested to register with BHEL as permanent supplier by submitting the Supplier Registration Form (SRF). SRF is available at <https://www.bhel.com/supplier-registration>.
15. Any term in special tender terms and conditions will supersede the GCC.

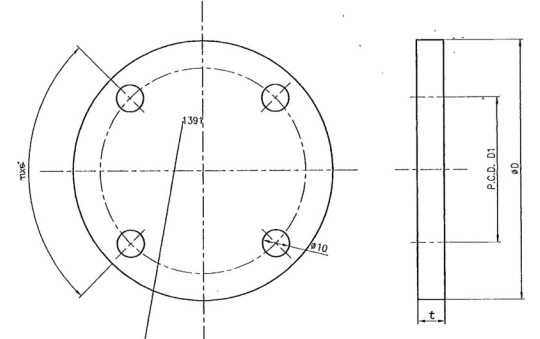


2-V-0000-01767-2
ON DIMENSIONS

ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP

SL.No	NP	NB	DRG.No.	φ D	D1	t	max	NET WT (kg)	MATL. CODE.	
01	NP-10&E	100	2-V-1391-01767/1	215	180	3	4x90°	0.117	22071005	
02		125	2-V-0103-01767/1	245	210	3	4x90°	0.153	22071006	
03		150	2-V-1373-01767/1	SAME AS IN SL.No--56						
04		200	2-V-1394-01767/1	335	295	3	6x60°	0.286	22071008	
05		250	2-V-1395-01767/1	405	355	3	6x60°	0.420	22071009	
06		300	2-V-1317-01767/1	460	410	3	6x60°	0.542	22071010	
07		400	2-V-1318-01767/1	580	525	6	8x45°	1.350	22071011	
08		600	2-V-1209-01767/1	840	770	6	8x45°	2.850	22071012	
09		15	2-V-2301-01767/1	95	65	3	4x90°	0.021	22071013	
10		20	2-V-2302-01767/1	105	75	3	4x90°	0.027	22071014	
11		25	2-V-2302-01767/1	115	85	3	4x90°	0.032	22071015	
12		32	2-V-2242-01767/1	135	100	3	4x90°	0.044	22071016	
13		40	2-V-0203-01767/1	145	110	3	4x90°	0.051	22071017	
14		50	2-V-0204-01767/1	160	125	3	4x90°	0.083	22071003	
15		65	2-V-0205-01767/1	180	145	3	4x90°	0.080	22071018	
16		80	2-V-1371-01767/1	SAME AS IN SL.No. 54						
17		100	2-V-1372-01767/1	SAME AS IN SL.No-- 55						
18		125	2-V-2226-01767/1	SAME AS IN SL.No-- 41						
19		150	2-V-2411-01767/1	300	250	3	4x90°	0.226	22071021	
20		200	2-V-2412-01767/1	375	320	3	6x60°	0.356	22071022	
21		250	2-V-0181-01767/1	445	385	3	6x60°	0.503	22071023	
22		300	2-V-0183-01767/1	510	450	3	8x45°	1.031	22071024	
23		400	2-V-1217-01767/2	635	585	6	8x45°	1.709	22071025	
24		500	2-V-1218-01767/1	755	670	6	8x45°	2.279	22071026	
25		500	2-V-0187-01767/1	175	135	3	4x90°	0.075	22071027	
26		65	2-V-0188-01767/1	200	160	3	4x90°	0.100	22071064	
27		80	2-V-1378-01767/1	SAME AS IN SL.No--85						
28		100	2-V-0103-01767/1	SAME AS IN SL.No--2						
29		150	2-V-0191-01767/1	340	280	3	4x90°	0.290	22071030	
30		200	2-V-1395-01767/1	SAME AS IN SL.No--5						
31		250	2-V-0182-01767/1	470	400	3	6x60°	0.560	22071032	
32		300	2-V-0184-01767/1	530	460	3	8x45°	1.110	22071033	
33		15	2-V-2341-01767/1	SAME AS IN SL.No--10						
34		20	2-V-2214-01767/1	SAME AS IN SL.No--43						
35		25	2-V-2242-01767/1	SAME AS IN SL.No--12						
36		32	2-V-1370-01767/1	SAME AS IN SL.No--53						
37		40	2-V-1377-01767/1	SAME AS IN SL.No--64						
38		50	2-V-1371-01767/1	SAME AS IN SL.No--54						
39		65	2-V-1391-01767/1	SAME AS IN SL.No--1						
40		80	2-V-1372-01767/1	SAME AS IN SL.No--55						
41		100	2-V-2226-01767/1	265	210	3	4x90°	0.173	22071038	
42		150	2-V-0354-01767/1	350	290	3	6x60°	0.207	22071068	
43		15	2-V-2214-01767/1	125	90	3	4x90°	0.037	22071069	
44		25	2-V-0203-01767/1	SAME AS IN SL.No--13						
45		40	2-V-0205-01767/1	SAME AS IN SL.No--15						
46		65	2-V-2225-01767/1	SAME AS IN SL.No--55						
47		250	2-V-0347-01767/1	585	490	3	8x45°	1.328	22071039	

SL.No	NP	NB	DRG.No.	φ D	D1	t	max	NET WT (kg)	MATL. CODE.	
48	NP-5	800	2-V-0112-01767/1	975	920	6	12x30°	3.884	22071001	
49		1200	2-V-0113-01767/1	1375	1320	6	16x22°	7.800	22071002	
50	NP-6	300	2-V-0109-01767/1	435	395	3	6x60°	0.486	22071072	
51	NP-2.5	200	2-V-0126-01767/1	360	310	3	6x60°	0.329	22071073	
52	NP-2.5	300	2-V-0127-01767/1	485	430	3	8x45°	0.602	22071074	
53		2"	2-V-1370-01767/1	152	121	3	4x90°	0.050	22071040	
54		3"	2-V-1371-01767/1	190	152	3	4x90°	0.082	22071041	
55		4"	2-V-1372-01767/1	229	190	3	4x90°	0.120	22071042	
56		6"	2-V-1373-01767/1	279	241	3	4x90°	0.180	22071043	
57		8"	2-V-0191-01767/1	SAME AS IN SL.No--29						
58		10"	2-V-1395-01767/1	SAME AS IN SL.No--5						
59		12"	2-V-1376-01767/1	483	432	3	6x60°	0.544	22071046	
60		14"	2-V-1386-01767/1	533	476	6	6x60°	0.654	22071047	
61		16"	2-V-1387-01767/1	597	540	6	8x45°	0.824	22071048	
62		20"	2-V-1512-01767/1	695	635	6	10x36°	1.200	22071049	
63		24"	2-V-1388-01767/1	813	749	6	10x36°	1.534	22071050	
64		2"	2-V-1377-01767/1	165	127	3	4x90°	0.061	22071051	
65		3"	2-V-1378-01767/1	209	168	3	4x90°	0.098	22071052	
66		4"	2-V-1379-01767/1	254	200	3	4x90°	0.147	22071053	
67		6"	2-V-1380-01767/1	317	270	3	6x60°	0.232	22071054	
68		8"	2-V-1381-01767/1	381	330	3	6x60°	0.336	22071055	
69		10"	2-V-1382-01767/1	444	387	3	8x45°	0.457	22071056	
70		12"	2-V-1383-01767/1	521	451	3	8x45°	0.630	22071057	
71		14"	2-V-1384-01767/1	584	514	6	10x36°	0.784	22071058	
72		1 1/2"	2-V-1370-01767/1	SAME AS IN SL.No--53						
73		300	2-V-0522-01767/1	440	400	3	6x60°	0.52	22071060	
74		400	2-V-0537-01767/1	565	515	6	8x45°	1.31	22071061	
75		500	2-V-0538-01767/1	670	620	6	10x36°	1.5	22071062	
76		600	2-V-0539-01767/1	780	725	6	10x36°	1.7	22071063	
77		800	2-V-0503-01767/1	1015	950	6	12x30°	2.5	22071075	
78		28"	2-V-N834-01767/1	785	745	6	9x40°	1.7	22071076	
79		28"	2-V-N847-01767/1	835	795	6	10x36°	1.9	22071077	
80		30"	2-V-N848-01767/1	885	845	6	11x32.7°	2.1	22071078	
81		32"	2-V-N827-01767/1	940	900	6	12x30°	2.3	22071079	
82		36"	2-V-N988-01767/1	1170	1085	6	8x45°	3.5	22071080	
83		36"	2-V-N846-01767	1055	1010	6	11x32.7°	2.7	22071081	



IDENTIFICATION MARK TO BE PAINTED ON THE SMOOTH SURFACE
(FOR EXAMPLE: 1391" FOR SL.No.1.ORG.No.2-V-1391-01767/1)

REV 04 DATE 19.7.20 CHD & APPD M.R.K. V
ZONE SL.No.83 INCLUDED.
DIMS.CORRECTED FOR SL.No.78
TO 82.
DCN NO.HM 0459

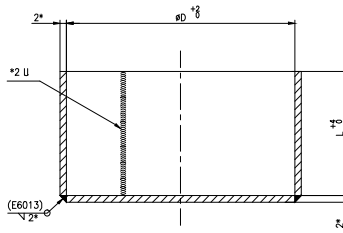
MATL SPECN. STANDARD HARD BOARD IS.1658

NO	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	DRAWING NO	ITEM NO
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT								
RETRACED WITH REV.4 ON 19.7.2000								
BHARAT HEAVY ELECTRICALS LTD. UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPPALLI-600014.			DRN CHD	NAMR N.1.1019228	SIGN N.1.2019228	DATE 19/7/20	NO. OF SHEETS 4	REV 04
DEPT 365-120			SCALE	WEIGHT (KG)	REFERENCE INFORMATION			
CODE 320			N T S		CAD REF:- C201767			
TITLE			END COVER			DRAWING NO. 2-V-0000-01767		

98741-0000-14336
ON 2NIMVYD

ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP

SL.No.	DRAWING No.	MATL. CODE	øD ⁺² / ₀	L ⁺⁴ / ₀	NET WT (kg)	APPLICABLE VALVE SIZES
01	2-V-N298-14336/2	96 465 276 0000	122	22	0.33	2-C150-GV
02	2-V-F602-14336/2	96 465 277 0000	135	27	0.42	3-C600-GV
03	2-V-2885-14336/2	96 465 278 0000	142	23	0.43	3-C300-RV
04	2-V-N289-14336/2	96 465 279 0000	148	20	0.43	3-C150-FV,3-C150-GV
05	2-V-N255-14336/2	96 465 280 0000	158	20	0.48	3-C300-GV
06	2-V-F603-14336/2	96 465 281 0000	166	33	0.63	4-C600-GV
07	2-V-5171-14336/2	96 465 282 0000	168	23	0.56	3-C300-FV
08	2-V-N294-14336/2	96 465 283 0000	176	35	0.71	4-C150-GV
09	2-V-2886-14336/2	96 465 284 0000	180	33	0.71	4-C300-RV
10	2-V-5177-14336/2	96 465 285 0000	188	18	0.62	4-C150-FV
11	2-V-N251-14336/2	96 465 286 0000	206	30	0.85	4-C300-GV
12	2-V-F604-14336/2	96 465 287 0000	227	43	1.14	6-C600-GV
13	2-V-N248-14336/2	96 465 288 0000	230	30	1.04	6-C150-GV,6-C300-GV
14	2-V-5176-14336/2	96 465 289 0000	232	25	0.98	6-C150-FV
15	2-V-2887-14336/2	96 465 290 0000	236	24	0.99	6-C300-RV
16	2-V-5173-14336/2	96 465 291 0000	242	39	1.22	6-C300-FV
17	2-V-N271-14336/2	96 465 292 0000	282	39	1.55	8-C150-GV
18	2-V-N244-14336/2	96 465 293 0000	288	33	1.52	8-C300-FV,8-C300-GV,8-C600-GV
19	2-V-5170-14336/2	96 465 294 0000	292	30	1.44	8-C150-FV
20	2-V-2888-14336/2	96 465 295 0000	297	33	1.60	8-C300-RV
21	2-V-N267-14336/2	96 465 296 0000	336	40	2.09	10-C150-GV
22	2-V-F609-14336/2	96 465 297 0000	344	35	2.09	10-C600-GV
23	2-V-N235-14336/2	96 465 298 0000	357	43	2.37	10-C300-FV,10-C300-GV
24	2-V-2018-14336/2	96 465 299 0000	386	63	3.08	12-C300-FV
25	2-V-N903-14336/2	96 465 300 0000	416	45	3.10	12-C300-GV
26	2-V-N631-14336/2	96 465 301 0000	432	58	3.59	12-C300-GV
27	2-V-N593-14336/2	96 465 302 0000	460	50	3.79	14-C300-GV
28	2-V-N594-14336/2	96 465 303 0000	492	47	4.18	16-C300-GV,16-C300-FV
29	2-V-N575-14336/2	96 465 304 0000	540	80	5.79	18-C150-GV
30	2-V-N822-14336/2	96 465 305 0000	593	58	6.10	20-C150-FV,20-C150-GV
31	2-V-N595-14336/2	96 465 306 0000	648	60	7.10	20-C300-GV
32	2-V-N805-14336/2	96 465 307 0000	698	58	8.08	24-C150-GV



NOTE:
1. MATERIAL SPECIFICATION: IS 1079 HR1
2. *SHEET THICKNESS 1.6 ALSO ACCEPTABLE.

NO	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING NO	ITEM NO
365-120									
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT BHARAT HEAVY ELECTRICALS LTD. UNIT: HIGH PRESSURE BOILER PLANT, TRUCHIRAPALLI-520014.									
DRN	R.RAJAKUMAR	SIGN		DATE	08.06.99	NO OF VAR.			
CHD	R.L.NARAYANAN			DATE	08.06.99				
APPD	M.RAJAKUMAR			DATE	08.06.99				
DEPT	365-120	SCALE	NTS	WEIGHT (KG)		REFERENCE INFORMATIONS			
VL		REF. TABLE		CARD CODE	U 01	DRAWING NO.	CAD REF: C214336		
CODE	320	TITLE	METALLIC END COVER (FABRICATED)			DRAWING NO.	2-V-0000-14336	REV	02

REV	DATE	ALTERED	M.S.SELVAM	REV	DATE	ALTERED	P.NALLATHAMBI
02	16.07.15	CHD & APPD	MS & SSX	01	16.03.13	CHD & APPD	S.S.K. & M.R.K

MATERIAL IS 1079 HR1 WAS IS 1079 Gr. ST 34

NOTE No.2 ADDED.

DCP : 601963

DCP: 801481

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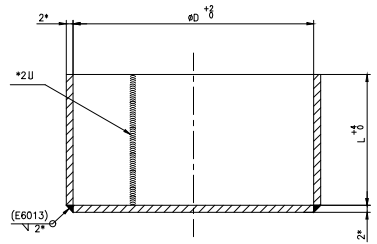
1 2 3 4 5 6 7 8

2-0000-1-2 ON 3NIMW8G

ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT OCP / QP

SL.No.	DRAWING No.	MATL. CODE	ØD ⁺⁰ _{-0.05}	L ⁺⁰ _{-0.05}	NET WT (kg)	APPLICABLE VALVE SIZES
01	2-V-G041-15483/3	964530010000	92.5	30	0.24	65/1500 GLRE
02	2-V-W049-15483/3	964530020000	98.5	30	0.27	65/1500 WG
03	2-V-W001-15483/3	964530030000	102.5	30	0.28	65/2500 WG, GLRE, 65/1500 NR
04	2-V-G004-15483/3	964530040000	106.5	40	0.35	65/3500 GL, 80/1500 GLRE
05	2-V-L161-15483/3	964530050000	112.5	40	0.38	80/1500 NR, 65/2500 NR
06	2-V-G145-15483/3	964530060000	117.5	40	0.40	80/2500/ GL, 80/1500 WG
07	2-V-W345-15483/3	964530070000	122.5	50	0.49	65/3500 RE, 80/2500 WG
08	2-V-L025-15483/3	964530080000	127.5	40	0.45	80/3500 RE, 80/2500 NR
09	2-V-G001-15483/3	964530090000	137.5	50	0.57	100/1500 RE, GL, WG, 100/2500 RE, GL
10	2-V-L053-15483/3	964530100000	142.5	40	0.53	100/1500 NR
11	2-V-W369-15483/3	964530110000	147.5	40	0.56	80/3500 WG
12	2-V-W002-15483/3	964530120000	152.5	50	0.66	100/2500 WG, NR
13	2-V-W353-15483/3	964530130000	158	75	0.69	125/2500 WG
14	2-V-W441-15483/3	964530140000	163	50	0.73	125/1500 WG, RE
15	2-V-W065-15483/3	964530150000	188	75	1.13	150/2500 WG, NR
16	2-V-W057-15483/3	964530160000	193	75	1.17	150/1500 WG, NR
17	2-V-G002-15483/3	964530170000	205	75	1.28	150/2500 RE, GL
18	2-V-W113-15483/3	964530180000	238	75	1.58	200/1500 WG, NR
19	2-V-L002-15483/3	964530190000	243	100	1.93	200/2500 NR
20	2-V-W003-15483/3	964530200000	248	100	1.98	200/2500 WG
21	2-V-L177-15483/3	964530210000	287.5	100	2.43	250/2500 NR, WG, 250/1500 WG
22	2-V-L129-15483/3	964530220000	293	100	2.50	250/1500 NR
23	2-V-W061-15483/3	964530230000	340	100	3.10	300/1500 WG, NR
24	2-V-W005-15483/3	964530240000	354.5	100	3.29	300/2500 WG, NR
25	2-V-W117-15483/3	964530250000	383	100	3.69	350/1500 WG
26	2-V-L121-15483/3	964530260000	393	100	3.84	350/1500 NR
27	2-V-W465-15483/3	964530270000	403	100	3.99	350/2000 WG
28	2-V-L029-15483/3	964530280000	418.5	100	4.22	300/2000 ELB, 350/2500 NR
29	2-V-W006-15483/3	964530290000	423	150	5.33	350/2500 WG
30	2-V-L081-15483/3	964530300000	443	150	5.70	350/2500 SCH
31	2-V-L113-15483/3	964530310000	448	100	4.68	300/2000 ELB, 350/2750 WG
32	2-V-W069-15483/3	964530320000	473	150	6.25	400/2500 WG
33	2-V-G137-15483/3	964530330000	482	150	6.43	400/2500 RE, 18"/1500 GV
34	2-V-W457-15483/3	964530340000	503	100	5.60	450/1500 WG
35	2-V-W073-15483/3	964530350000	533	175	8.10	450/2500 WG
36	2-V-W515-15483/3	964530360000	558	175	8.65	450/2000 WG
37	2-V-W417-15483/3	964530370000	613	150	9.17	600/1500 WG
38	2-V-W077-15483/2	964531150000	563	175	8.77	500/2750 WG
39	2-V-W505-15483/1	964531160000	197	75	1.21	150/2750 WG
40	2-V-L033-15483/3	964531740000	513	200	8.33	450/2500 SCH
41	2-V-L169-15483/2	964531750000	463	150	6.09	400/2500 SCH
42	2-V-W393-15483/2	964531760000	458	100	4.86	400/1500 WG
43	2-V-L089-15483/2	964531770000	168	80	1.02	125/1500 & 125/2500 SCH
44	2-V-W752-15483/3	964533550000	593	175	9.20	500/2850 SPL WG
45	2-V-W021-15483/2	964533590000	325	100	2.94	300/2500 WG (FOR P91)
46	2-V-W616-15483/4	964650090000	638	100	9.2	24"/1500 GV
47	2-V-W589-15483/4	964650110000	372	100	3.4	14"/1500 GV

SL.No.	DRAWING No.	MATL. CODE	ØD ⁺⁰ _{-0.05}	L ⁺⁰ _{-0.05}	NET WT (kg)	APPLICABLE VALVE SIZES
48	2-V-N370-15483/4	964650100000	532	100	6.4	20"/1500 GV
49	2-V-N594-15483/4	964650120000	440	100	4.4	16"/300C GV
50	2-V-3204-15483/2	964651370000	790	70	10.5	700MM/1500 RHID
51	2-V-P366-15483/2	964652090000	311	40	1.8	10"/C300-RV
52	2-V-W81-15483/3	964660030000	685	200	12.6	550/3000 SPL GV
53	2-V-N624-15483/2	964653650000	486	100	5.3	18/300-GV
54	2-V-3319-15483/2	964654100000	869	70	12.3	800/1500-RHID
55	2-V-P560-15483/2	964654140000	356	40	2.3	300/300-RV
56	2-V-3314-15483/2	964661000000	970	125	17.6	800/600-RHID
57	2-V-U482-15483/2	964661010000	882	110	14.6	700/1500-RHID
58	2-V-F999-15483/1	964655050000	1023	80	16.95	38"/900C GV, 38"/300C SCV
59	2-V-L401-15483	964663610000	790	175	14.5	24"/C3000 NRV
60	2-V-V567-15483	964665240000	345	120	3.52	10"/C3500 GV
61	2-V-L420-15483	964665280000	179	45	0.82	4"/C3500 SCV
62	2-V-G371-15483	964665290000	212	40	0.71	6"/C3500 GLV
63	2-V-WD11-15483	964665300000	774	162	13.7	22"/C3500 GV
64	2-V-V396-15483	964665440000	519	200	8.5	450/C2500 GV
65	2-V-L435-15483/1	964665450000	638	190	11.01	22"/2500C NRV
66	2-V-G366-15483	964665470000	212	80	1.4	6"/3500C GNW
67	2-V-V730-15483	964665490000	695	185	12.4	22"/3500C GV
68	2-V-3394-15483	964665500000	902	125	12.78	32"/600C RHID
69	2-V-3311-15483/1	964665500000	812	150	14.20	30"/600C-RHID
70	2-V-G390-15483/1	964665520000	131	40	0.50	3"/3500C-GLV / GNW
71	2-V-NK44-15483	964659030000	760	45	8.89	28"/300C GV
72	2-V-U829-15483/1	964665530000	732	185	13.35	22"/3500C GV F92
73	2-V-3397-15483/1	964665540000	756	140	12.32	28"/900C RHID F92
74	2-V-V771-15483/1	964665560000	802	300	19.88	22"/C3750C GV
75	2-V-V711-15483/1	964665570000	184	75	1.12	6"/900C GV
76	2-V-3369-15483/1	964659160000	958	175	19.7	36"/600C RHID
77	2-V-V768-15483/1	964665580000	254	80	1.82	6"/1500C GV F92
78	2-V-V756-15483	964665590000	222	80	1.50	6"/3500C GV F92
79	2-V-NK85-15483	964659170000	812	100	12.2	28"/300C GV WCB
80	2-V-G402-15483	964665600000	229	80	1.57	6"/3750C GLV / GNW
81	2-V-V772-15483	964665610000	280	95	2.30	8"/3000C GV
82	2-V-V780-15483	964665620000	754	300	18.24	22"/C3650C GV
83	2-V-L442-15483	964665640000	368	100	3.51	12"/C2750C SCV



NOTE:
1. MATERIAL SPECIFICATION: IS 1079 HR1
2. *SHEET THICKNESS 1.6 ALSO ACCEPTABLE.

REV	DATE	ALTERED	R.P.SINGH	REV	DATE	ALTERED	R.P.SINGH
		CHD & APPD		43	29.12.20	CHD & APPD	SAMEER & SSK
							S.No. 83 INCLUDED.
42	12.10.20	CHD & APPD	SAMEER & SSK	41	04.09.20	CHD & APPD	SAMEER & SSK
							S.No. 82 INCLUDED.

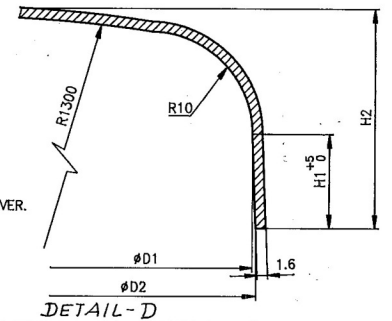
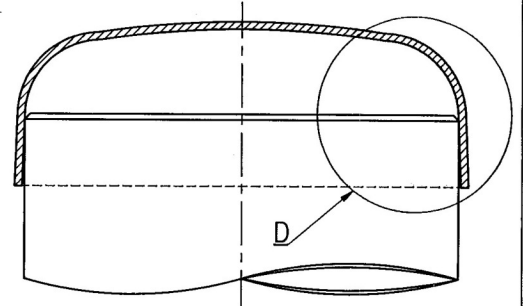
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REV	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No.	ITEM No.
TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT									
BHARAT HEAVY ELECTRICALS LTD. UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPPALLI-620014.									
DEPT	VL	SCALE	WEIGHT (KG)	REFERENCE INFORMATION	NO. OF SHEET				
300-120		NTS							
CODE	320								
TITLE									
METALLIC END COVERS (FABRICATED)									
DRAWING NO. 2-V-0000-15483									
REV 43									

ALL DIMENSIONS ARE IN MILLIMETRES. FOR TOLERANCES OF UNTOLERANCED DIMENSIONS DURING MANUFACTURE REFER RELEVANT QCP / QP.

3-V-0000-95348
3-ON 091WVW0

SL.No.	DRAWING No.	MATL. CODE	MATL. SPECN.	ØD1	ØD2	H1	H2	WT.(Kg)	MATCH PIPE OD	NOMINAL BORE
01	3-V-K600-95348	96456550	IS-1079 ST 34 - CERTIFY	57±0.75	57.5 ^{+1.5} ₀	30	47	0.11	57	2"
02	3-V-K601-95348	96456551		76±0.75	77.0 ^{+1.5} ₀	30	47	0.17	76.1	2 1/2"
03	3-V-K602-95348	96456552		89±1	90.0 ^{+2.0} ₀	30	47	0.24	88.9	3"
04	3-V-K603-95348	96456553		108±1	109.0 ^{+2.0} ₀	35	53	0.29	108.0	4"
05	3-V-K604-95348	96456554		114±1	115.0 ^{+2.0} ₀	35	53	0.30	114.3	4"
06	3-V-K605-95348	96456555		127±1	128.0 ^{+2.0} ₀	35	53	0.32	127.0	5"
07	3-V-K606-95348	96456556		159 ^{+1.5} ₋₁	161.0 ^{+2.0} ₀	35	53	0.59	159.0	6"
08	3-V-K607-95348	96456557		168 ^{+2.0} ₋₁	170.0 ^{+2.5} ₀	33	50	0.57	168.3	6"
09	3-V-K608-95348	96456558		219 ^{+2.0} ₋₁	221.0 ^{+2.5} ₀	40	60	0.84	219.1	8"
10	3-V-K609-95348	96456559		273 ^{+2.5} ₋₁	276.0 ^{+2.5} ₀	40	60	1.31	273.0	10"
11	3-V-K610-95348	96456560		324 ^{+2.5} ₋₁	327.0 ^{+2.5} ₀	45	71	1.63	323.9	12"
12	3-V-K611-95348	96456561		356 ^{+2.5} ₋₁	359.0 ^{+2.5} ₀	45	71	1.66	355.6	14"
13	3-V-K612-95348	96456562		368 ^{+2.5} ₋₁	371.0 ^{+3.0} ₀	45	71	2.04	368.0	14"
14	3-V-K613-95348	96456563		406 ⁺³ ₋₁	409.0 ^{+3.0} ₀	55	83	2.25	406.4	16"
15	3-V-K614-95348	96456564		508 ⁺³ ₋₁	512.0 ^{+3.0} ₀	55	83	4.10	508.0	20"
16	3-V-K615-95348	96456565		558 ^{+3.5} ₋₁	562.0 ^{+4.0} ₀	55	83	4.60	558.0	22"
17	3-V-K616-95348	96456566		660 ⁺⁴ ₋₁	665.0 ^{+4.5} ₀	65	90	6.50	660.4	26"



NOTE:

MARK NOMINAL BORE SIZE ON END COVER.

NO OF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (Kg)	GROSS WT (Kg)	DRAWING No.	ITEM No.
	TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT								
	BHARAT HEAVY ELECTRICALS LTD. UNIT: HIGH PRESSURE BOILER PLANT. TIRUCHIRAPALLI - 620014.		DRN	NAME K.P.LEON		SIGN	DATE 24.07.95	NO.OF VAR.	
			CHD	N.DHANAPAL			24.7.95		
			APPD	A.VISWANATHAN			24.7.95		
DEPT VL CODE 320	SCALE NTS.	WEIGHT (KG).	REFERENCE INFORMATION		CAD:C395348				
TITLE METALLIC END COVER	CARD CODE U 01	DRAWING NO. 3-V-0000-95348		REV					

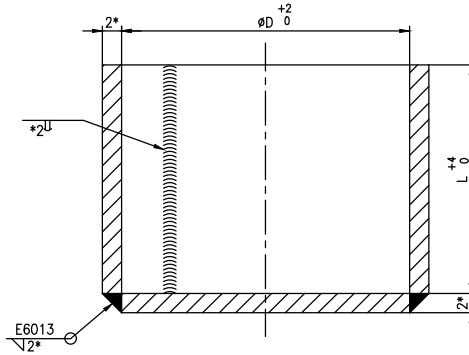
REV	DATE	ALTERED
		CHD & APPD

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1972-000-V-3
DRAWING NO.

SL. NO.	DRAWING NO.	COMPONENT CODE	+2 ØD ⁰	+4 L ⁰	WT (kg)	VALVE SIZE
01	3-V-N590-23461/2	964536440000	426	100	4.4	16"-150C
02	3-V-N593-23461/2	964536450000	387	90	3.6	14"-300C
03	3-V-N595-23461/2	964536460000	542	125	7.0	20"-300C
04	3-V-V137-23461/2	964535420000	359	100	4.0	300/1500C
05	3-V-V329-23461/2	964535430000	304	100	2.7	250/2500C
06	3-V-V465-23461/2	964535440000	545	200	5.4	500/3500C
07	3-V-C520-23461/2	964536900000	84	30	0.3	65/1500C
08	3-V-C524-23461/2	964536910000	184	75	1.1	150/1500C
09	3-V-C526-23461/2	964536920000	234	75	1.6	200/1500C
10	3-V-N826-23461/3	964650010000	850	90	12.4	32"/150C
11	3-V-W587-23461/2	964535770000	256	100	2.05	200/2750C
12	3-V-W551-23461/2	964535890000	408	50	3.06	500/2750C
13	3-V-V377-23461/2	964535910000	466	150	6.13	350/2500& 400/2500
14	3-V-3318-23461/2	964653630000	827	80	11.6	700/1500
15	3-V-LA44-23461/1	964620330000	262	30	1.26	200/C900
16	3-V-LD35-23461	964665660000	542	200	9.02	450/C2850



NOTE:-

- 1.MATERIAL SPECIFICATION :- IS1079 HR1
2. *SHEET THICKNESS 1.6 ALSO ACCEPTABLE.

NO OFF	DESCRIPTION	MATL CODE	MATL SPECN	HEAT TREATMENT	SCRAP SORT	NET WT (kg)	GROSS WT (kg)	DRAWING No.	ITEM No
-	-	-	-	-	-	-	-	-	-

TYPE OF PRODUCT
OR NAME OF
CUSTOMER/PROJECT

DRN	NAME	SIGN	DATE	NO.OF VAR.
CHD	V.BAIRAVAN		24.12.04	-
APPD	K.RAJASEKARAN		24.12.04	-
	M.RAJAKUMAR		24.12.04	-

DEPT	SCALE	WEIGHT (KG).	REFERENCE INFORMATION	NO. OF TMS
VL	NTS	REF.TABLE	CAD REF:C323461	-
CODE 320				

TITLE	CARD CODE	DRAWING NO.	REV
METALLIC END COVERS (FABRICATED)	U 01	3-V-0000-23461	11

DCP No.	ALTD: TS	APPD: SSK	DCP No.	ALTD: MS	APPD: SSK
-	CHD: RPS	DT: 22.10.21	801963	CHD: MS	DT: 16.07.15
REV 11	SL. No. 16 INCLUDED.		REV 10	MATERIAL IS 1079 HR1 WAS	
ZONE -			ZONE -	IS 1079 Gr. ST 34	

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ANNEXURE-A

RESTRICTIONS UNDER RULE 144(XI) OF THE GENERAL FINANCIAL RULES (GFRs), 2017

(The bidders are required to print this on their company's letterhead & sign, stamp and submit with offer documents)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that bidder (... Name of Bidder) is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that bidder (.....Name of bidder) fulfils all requirements in this regard and is eligible to be considered.

If the bidder is from such country which shares a land border with India evidence of valid registration by the Competent Authority shall also be attached along with offer.”

With regards


Signature with company seal

Name–

Company / Organization

Designation within Company / Organization

Address of Company / Organization

 <p>BHEL – GOINDWAL</p>	<p>THIRD PARTY NON-DISCLOSURE AGREEMENT</p> <p>(TENDER ENQUIRY NO. 2223-018E dated 25.06.2022)</p>
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ANNEXURE B: THIRD PARTY NON-DISCLOSURE AGREEMENT

I, _____, on behalf of the _____ (Name of Company), acknowledge that the information received or generated, directly or indirectly, while working with BHEL, Goindwal on contract is confidential and that the nature of the business of the BHEL, Goindwal is such that the following conditions are reasonable, and therefore:

I warrant and agree as follows:

I, or any other personnel employed or engaged by our company, agree not to disclose, directly or indirectly, any information related to the BHEL, Goindwal. Without restricting the generality of the foregoing, it is agreed that we will not disclose such information consisting but not necessarily limited to:

- Technical information: Methods, drawings, processes, formulae, compositions, systems, techniques, inventions, computer programs / data / configuration and research projects.
- Business information: Customer lists, project schedules, pricing data, estimates, financial or marketing data,

On conclusion of contract, I, or any other personnel employed or engaged by our company shall return to BHEL, Goindwal all documents and property of BHEL, Goindwal, including: drawings, blueprints, reports, manuals, computer programs/data/configuration, and all other materials and all copies thereof relating in any way to BHEL Goindwal's business, or in any way obtained by me during the course of contract. I further agree that I, or any others employed or engaged by our company shall not retain copies, notes or abstracts of the foregoing.

This obligation of confidence shall continue after the conclusion of the contract also.

I acknowledge that the aforesaid restrictions are necessary and fundamental to the business of the BHEL, Goindwal and are reasonable given the nature of the business carried on by the BHEL, Goindwal. I agree that this agreement shall be governed by and construed in accordance with the laws of country.

I enter into this agreement totally voluntarily, with full knowledge of its meaning, and without duress.

Dated at _____, this ____ day of _____, 20__.

Name

Company

Signature