



## Buyer Added Bid Specific Additional Terms & Conditions (ATC)

<b>Description of the Equipment and Scope of work:</b>	SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)
<b>Projects</b>	SO 8200-PR VESSELS/DRUMS, COLUMNS & REACTOR BCGCL
<b>BHEL Tender No. &amp; Date</b>	H072600008 DT 02.04.2026 NIC BID NO 2026_BHEL_59542 DTD 02.04.2026
<b>GeM AR&amp; PTS No.</b>	GEM/GARPTS/03032026/6YMQ39CCM69Z 03.03.2026

### INSTRUCTIONS TO BIDDERS

- a) The Tender will be operated in **two-part** bid system. One-part consisting of Technical bid with Commercial terms & conditions and other part is Price Bid. Based on the technical suitability, vendors will be shortlisted. The price Bid of short-listed vendors will be opened on a suitable date with due intimation to vendors vide the procurement portal. **Reverse Auction is applicable for this tender.**
- b) Bidder shall submit Categorical Confirmation of Pre-Qualification Criteria (PQC), Instructions to bidders (ITB), Additional Terms and Conditions and TDC/Technical Specifications. Bidder shall comply to all the additional clauses mentioned in Bid Document. The offers of those bidders who do not comply with all the clauses in total are likely to be rejected.
- c) Bidder shall follow GeM general term and conditions and submit the offer(<https://gem.gov.in/page/detail/34>).
- d) All the terms and conditions mentioned in Instructions to bidders (ITB), Additional terms and conditions & TDC/Technical Specifications shall supersede any other similar terms quoted elsewhere.
- e) QUOTED PRICE: - Bidder shall quote the Price inclusive of P&F, Freight, Transit Insurance, GST, transaction charges after order placement and any other taxes.
- f) The scope of supply and work must adhere strictly to the provided Technical Delivery Conditions (TDC) /Technical specifications.
- g) Supplier to upload all the documents mandated in Annexure 1 Check List otherwise their offer is liable for rejection.
- h) Vendor should compulsorily submit No Deviation certificate as per Annexure 3. In case the vendor is seeking deviation vendor to indicate the same in Annexure 3 clearly stating Doc No., Clause No., Conditions and sought deviation & if required additional page may be enclosed along with Annexure-3. Any contrary terms and conditions mentioned elsewhere (i.e. not indicated in Annexure 3 in the vendor's offer shall not be recognised and considered null and void.)
- i) Offer shall be rejected if the sought deviation is not acceptable to BHEL/Customer.

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### ADDITIONAL TERMS AND CONDITIONS

#### 1. PRE-QUALIFICATION CRITERIA

##### 1.1. TECHNICAL:

- 1.1.1. Any supplier meeting the Make in India clause (class 1 & 2) and complies with the tender requirement for technical details are eligible.
- 1.1.2. Bidder to submit the reference PO copies for the supplies made for the plates of same Grade. In case PO is not available for the same grade, PO of equivalent or higher grade may be submitted.
- 1.1.3. Along with PO/POs, any proof of supplies like LR copy/IRN/material dispatch certificate/ Material receipt certificate/payment receipt against the submitted PO/POs shall be submitted.

##### 1.2. FINANCIAL: **Minimum Average Annual Turnover of the bidder (For 3 Years) :300 Lakh**

The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

- 1.3. Submission of Integrity Pact duly signed (*applicable for estimate  $\geq 2$  Cr*).
- 1.4. Bidder must not be admitted under Corporate Insolvency Resolution Process or Liquidation as on date, by NCLT or any adjudicating authority/authorities and shall submit undertaking (Annexure-4) to this effect
- 1.5. ~~Customer Approval (if Required).~~

##### Explanatory Notes for the PQR:

- i. ' Make in India clause (class 1 & 2) ' in **PQR – 1.1** means, bidder should have complied Make in India clause (class 1 & 2) as per latest guidelines” **Bidder** shall submit the relevant documents against the above PQRs.
- ii. Bidder to submit Audited Balance Sheet and Profit and Loss Account for the respective years as indicated against Financial Turnover **PQR – 1.2** above along with all annexures.
- iii. In case of audited Financial Statements have not been submitted for all the three years as indicated against Financial Turnover PQR above, then the applicable audited statements submitted by the bidders against the requisite three years, will be averaged for three years i.e. total divided by three. iv. If Financial Statements are not required to be audited statutorily, then instead of audited Financial Statements, Financial Statements are required to be certified by Chartered Accountant.
- v. Credentials furnished by the bidder against "PRE-QUALIFYING CRITERIA" shall be verified from the issuing authority for its authenticity. In case, any credential (s) is/are found to be spurious, offer of the bidder is liable to be rejected. BHEL reserves the right to initiate any further action as per extant guidelines for Suspension of Business Dealings as applicable in BHEL.
- vi. Price Bids of only those bidders shall be opened who stand qualified after compliance of Stated PQR requirements.

#### 2. Scope of Supply

- 2.1. Supply of Plate to Matl. Specn SA203GrE within **16 Weeks (112 days) of PO date.**
- 2.2. **Refer Annexure A for item-wise specification applicability details.**

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### 3. PRICE

**3.1. Price Basis:** Price in INR should be quoted for **F.O.R. Stores, HPVP, Visakhapatnam and Delivery to: Sr. Manager (Stores), BHEL HPVP, VISAKHAPATNAM – 530012 GSTIN: 37AAACB4146P7Z8**

3.1.1. Vendor shall quote as per the enclosed Price Schedule format as available in GePNIC Portal. Vendor to quote for all the items otherwise their offer shall be rejected.

3.1.2. The quoted / finalized rates shall be firm throughout the contract including extension, if any, for any reason whatsoever and no escalation is admissible for this contract.

3.1.3. **The basic Price should be inclusive of Inspection, Testing, Freight, Packing & Forwarding, Transit Insurance, procurement portal Charges, any other taxes excl. GST, etc.**

3.1.4. GST % on the tendered item shall be indicated as % on the basic price. **Note: Offer with PVC clause will not be considered**

**3.2. Price Evaluation method:** The tender will be evaluated on **Package wise evaluation basis**. Evaluation and L1 identification shall be on total landed cost to BHEL including all cost up to destination

Price shall be considered on Landed Cost basis (Total cost to BHEL). Landed cost shall be worked out on price quoted including Quantity with tolerance, P&F charges, Testing & Inspection charges, Freight, Transit Insurance, Loadings on Deviations, Customs duty, loading as per customs notifications, GST after taking out Input Tax Credit as applicable. **The Price comparative statement shall be worked out on overall Landed cost basis (Total cost to BHEL) for PACKAGE WISE L1 BASIS.**

- a) The comparative statement of the price prepared on the reference date shall remain firm throughout the period. Any change in duty and tax structure during execution of the contract will not be considered for the re-ranking of Bidders.
- b) The lowest price received against BHEL, HPVP tender need not be commercially lowest price (L-1). BHEL, HPVP reserves the right to negotiate the same.
- c) BHEL, HPVP reserves the right/option to REFLOAT the tender if L-1 price is not the lowest acceptable price to BHEL, HPVP.
- d) ~~The prevailing Exchange rates (TT selling rate of SBI) on the date of opening of Technical Bid shall be considered for Price Evaluation of import offers. If the date of opening of Technical bid happens to be a bank holiday or no forex, then the forex rate as on previous bank (SBI) working day shall be considered.~~
- e) The acceptable evaluation currency of this tender shall be Indian Rupee (INR)
- f) If BHEL decides to give any relaxation to NIT terms the following Loadings will be considered accordingly:
  - 1) Loading on Payment Terms
  - 2) Loading on Delivery period
  - 3) Loading on LD terms & conditions
  - 4) Loading on Bank Guarantee.
  - 5) Loading on Quantity.

### 3.3. Reverse Auction: Applicable.

BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available an [www.bhel.com](http://www.bhel.com)) for this tender. RA shall be conducted among the techno-commercially qualified bidders.

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.”

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- 3.4. Price Validity:** Quotation shall be valid for 60 Days from the Technical (Part-1) Bid Opening. If Revised Price Bid/Impact bid is asked by BHEL, the validity of the same shall be 45 days from the price bid opening OR 60 days from the day of part -1 bid opening, whichever is later.

### 4. TAXES & DUTIES:

- 4.1.** The Supplier/Vendor shall pay all (save the specific exclusions as enumerated in this clause) taxes, fees, license, charges, deposits, duties, tools, royalty, commissions, other charges, etc. which may be levied on the input goods & services consumed and output goods & services delivered in course of his operations in executing the contract. In case BHEL is forced to pay any of such taxes/duties, BHEL shall have the right to recover the same from his bills or otherwise as deemed fit along with the applicable overheads @5% and interest on the total value (i. e. amount paid by BHEL + overhead) However, provisions regarding GST on output supply (goods/service) and TDS/TCS as per Income Tax Act shall be as per following clauses.

#### 4.2. GST (Goods and Services Tax)

- 4.2.1.** GST as applicable on output supply (goods/services) are excluded from Supplier/Vendor's scope; therefore, contractor's price/rates shall be **exclusive** of GST. Reimbursement of GST is subject to compliance of following terms and conditions. BHEL shall have the right to deny payment of GST and to recover any loss to BHEL on account of tax, interest, penalty etc. for non-compliance of any of the following condition.
- 4.2.2.** The admissibility of GST, taxes and duties referred in this chapter or elsewhere in the contract shall be limited to direct transactions between BHEL & its Supplier/Vendor. BHEL shall not consider GST on any transaction other than the direct transaction between BHEL & its Supplier/Vendor.
- 4.2.3.** Supplier/Vendor shall obtain prior written consent of BHEL before billing the amount towards such taxes. Where the GST laws permit more than one option or methodology for discharging the liability of tax/levy/duty, BHEL shall have the right to adopt the appropriate one considering the amount of tax liability on BHEL/Client as well as procedural simplicity with regard to assessment of the liability. The option chosen by BHEL shall be binding on the Contractor for discharging the obligation of BHEL in respect of the tax liability to the Supplier/Vendor.
- 4.2.4.** Supplier/Vendor has to submit GST registration certificate of the concerned state. Supplier/Vendor also needs to ensure that the submitted GST registration certificate should be in active status during the entire contract period.
- 4.2.5.** Supplier/Vendor has to issue Invoice/Debit Note/Credit Note indicating HSN/SAC code, Description, Value, Rate, applicable tax and other particulars in compliance with the provisions of relevant GST Act and Rules made thereunder.
- 4.2.6.** Supplier/Vendor has to submit GST compliant invoice within the due date of invoice as per GST Law. In case of delay, BHEL reserves the right of denial of GST payment if there occurs any hardship to BHEL in claiming the input thereof. In case of goods, Supplier/Vendor has to provide scan copy of invoice & GR/LR/RR to BHEL before movement of goods starts to enable BHEL to meet its GST related compliances. Special care should be taken in case of month end transactions.
- 4.2.7.** Supplier/Vendor has to ensure that invoice in respect of such services which have been provided/completed on or before end of the month should not bear the date later than last working day of the month in which services are performed.
- 4.2.8.** Subject to other provisions of the contract, GST amount claimed in the invoice shall be released on fulfilment of all the following conditions by the Supplier/Vendor: -

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- 4.2.8.1. **Supply of goods and/or services have been received by BHEL.**
- 4.2.8.2. Original Tax Invoice has been submitted to BHEL.
- 4.2.8.3. Supplier/Vendor has submitted all the documents required for processing of bill as per contract/purchase order/ work order.
- 4.2.8.4. In cases where e-invoicing provision is applicable, Supplier/Vendor is required to submit invoice in compliance with e-invoicing provisions of GST Act and Rules made thereunder.
- 4.2.8.5. Supplier/Vendor has filed all the relevant GST return (e.g. GSTR-1, GSTR-3B, etc.) pertaining to the invoice submitted and submit the proof of such return along with immediate subsequent invoice. In case of final invoice/ bill, contractor has to submit proof of such return within fifteen days from the due date of relevant return.
- 4.2.8.6. Respective invoice has appeared in BHEL's GSTR - 2A for the month corresponding to the month of invoice and in GSTR-2B of the month in which such invoices has been reported by the contractor along with status of ITC availability as "YES" in GSTR-2B. Alternatively, BG of appropriate value may be furnished which shall be valid at least one month beyond the due date of confirmation of relevant payment of GST on GSTN portal or sufficient security is available to adjust the financial impact in case of any default by the Supplier/Vendor.
- 4.2.8.7. Supplier/Vendor has to submit an undertaking confirming the payment of all due GST in respect of invoices pertaining to BHEL.
- 4.2.9. Any financial loss arises to BHEL on account of failure or delay in submission of any document as per contract/purchase order/work order at the time of submission of Tax invoice to BHEL, shall be deducted from Supplier/Vendor's bill or otherwise as deemed fit.
- 4.2.10. TDS as applicable under GST law shall be deducted from Supplier/Vendor's bill.
- 4.2.11. Supplier/Vendor shall comply with the provisions of e-way bill wherever applicable. Further wherever provisions of GST Act permits, all the e-way bills, road permits etc. required for transportation of goods needs to be arranged by the contractor.
- 4.2.12. Supplier/Vendor shall be solely responsible for discharging his GST liability according to the provisions of GST Law and BHEL will not entertain any claim of GST/interest/penalty or any other liability on account of failure of Supplier/Vendor in complying the provisions of GST Law or discharging the GST liability in a manner laid down thereunder.
- 4.2.13. In case declaration of any invoice is delayed by the vendor in his GST return or any invoice is subsequently amended/alterd/deleted on GSTN portal which results in any adverse financial implication on BHEL, the financial impact thereof including interest/penalty shall be recovered from the Supplier/Vendor's due payment.
- 4.2.14. Any denial of input credit to BHEL or arising of any tax liability on BHEL due to non-compliance of GST Law by the Supplier/Vendor in any manner, will be recovered along with liability on account of interest and penalty (if any) from the payments due to the Supplier/Vendor.
- 4.2.15. In the event of any ambiguity in GST law with respect to availability of input credit of GST charged on the invoice raised by the contractor or with respect to any other matter having impact on BHEL, BHEL's decision shall be final and binding on the Supplier/Vendor.
- 4.2.16. Variation in Taxes & Duties:

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Any upward variation in GST shall be considered for reimbursement provided supply of goods and services are made within schedule date stipulated in the contract or approved extended schedule for the reason solely attributable to BHEL. However downward variation shall be subject to adjustment as per actual GST applicability.

In case the Government imposes any new levy/tax on the output service/goods after price bid opening, the same shall be reimbursed by BHEL at actual. The reimbursement under this clause is restricted to the direct transaction between BHEL and its Supplier/Vendor only and within the contractual delivery period only.

In case any new tax/levy/duty etc. becomes applicable after the date of Bidder's offer but before opening of the price Bid, the Bidder/ Supplier/Vendor must convey its impact on his price duly substantiated by documentary evidence in support of the same before opening of price bid. Claim for any such impact after opening the price bid will not be considered by BHEL for reimbursement of tax or reassessment of offer.

**4.3. Income Tax:** TDS/TCS as applicable under Income Tax Act, 1961 or rules made thereunder shall be deducted/collected from Supplier/Vendor's bill.

### **5. MATERIAL DISPATCH CLEARANCE CERTIFICATE (MDCC):**

After completion of the Inspection at works respectively, suppliers need to send the scanned copies of TC's, Inspection reports and other applicable Test Reports in accordance with TDC/Technical specifications to BHEL with duly endorsed by Inspecting authority for obtaining the material dispatch clearance.

MDCC shall be issued by BHEL. No material shall be dispatched by supplier unless and until Material Dispatch Clearance Certificate (MDCC) issued by BHEL. In case any material is dispatched without MDCC and any loss is incurred by Supplier/Vendor for any reason whatsoever, BHEL shall not be responsible in any manner to compensate the supplier in this regard.

### **6. INSPECTION / INSPECTION & TESTING AT SUPPLIERS WORKS:**

INSPECTION BY M/s BHEL/ TPIA AT YOUR WORKS & INSPECTION CHARGES TO BHEL A/C. WHEN MATERIAL IS READY FOR INSPECTION, SUPPLIER NEED TO REGISTER ONLINE FOR OFFERING FOR INSPECTION ON BHEL WEB SITE ([www.cqir.bhel.in](http://www.cqir.bhel.in)). BHEL AUTHORIZED TPIA WILL ATTEND & CARRY OUT INSPECTION. SUPPLIER SHOULD ALSO INFORM US THRU MAIL REGARDING READINESS OF MATERIAL & INFORMING TO CARRY OUT INSPECTION. BHEL REPRESENTATIVE FROM UNIT OR CQ IS AUTHORIZED TO CARRY OUT AUDIT ALONG WITH TPIA AT VENDORS WORK BEFORE CLEARING ITEM FOR DISPATCH.

SUPPLIER NEEDS TO REGISTER AT BHEL ONLINE PORTAL I.E. [www.cqir.bhel.in](http://www.cqir.bhel.in). FOR OFFERING INSPECTION CALL AS AND WHEN MATERIAL IS READY ACCORDING TO CONTRACT. ON READINESS OF ORDERED MATERIAL, THE SUPPLIER SHALL RAISE INSPECTION CALL REQUEST WITH A MINIMUM PERIOD OF 07 WORKING DAYS TO THE AUTHORIZED REPRESENTATIVE OF THE PURCHASER FOR INSPECTION / WITNESSING THE TESTING AS ENVISAGED IN P.O. INSPECTION CHARGES SHALL BE BORNE BY BHEL IF INSPECTION IS WITHIN INDIA.

AFTER RECEIPT OF MATERIAL AT HPVP: BY BHEL HPVP.

BHEL RESERVES THE RIGHT TO INSPECT THE MATERIAL DURING MANUFACTURING AND ALSO TO GET TESTED THE MATERIAL UNDER DISPATCH FROM THIRD PARTY. THE TEST RESULTS OF THIRD-PARTY TEST SHALL BE FINAL AND BINDING ON THE SUPPLIER/VENDOR.

BHEL WILL RESERVE THE RIGHT TO INSPECT/TEST THE MATERIAL DURING/AFTER MANUFACTURING AT SUPPLIERS' WORKS, AND/OR AT BHEL SITE. IN CASE OF REJECTION AT ANY STAGE, SUPPLIER/VENDOR SHALL BE LIABLE TO REPLACE THE MATERIALS AT HIS OWN COST.

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### 7. DELIVERY:

THE ACCEPTABLE DELIVERY PERIOD SHALL BE **WITHIN 16 WEEKS [112 DAYS]** FROM DATE OF PURCHASE ORDER TO THE DATE OF LR OR INVOICE WHICHEVER IS LATER.

BIDDERS TO AGREE THE ABOVE DELIVERY TO MEET THE PROJECT SCHEDULE.

**DELIVERY PERIOD QUOTED BEYOND 18 WEEKS WILL BE LIKELY TO BE REJECTED.**

#### **Loading Factor:**

The offer which do not confirm to 16 weeks of delivery period shall be loaded for delayed delivery beyond 16 weeks @ 0.5% per week or part thereof on the offered basic value.

If any other date (such as Material Readiness Date, MTC date, LR Date, LC date etc) is quoted offer shall be loaded @0.5% per week for the differential period for bringing it to specified date

#### NOTE:

- 7.1. If the delivery of supply as detailed above gets delayed beyond the delivery period, the supplier/Vendor shall request for a delivery extension and BHEL at its discretion may extend the Contract. However, if any 'Delivery extension' is granted to the Supplier/Vendor for completion of supply, due to backlog attributable to the Supplier/Vendor, then it shall be without prejudice to the rights of BHEL to impose LD for the delays attributable to the Supplier/Vendor.
- 7.2. In case BHEL increase the quantity during currency of the contract in line with quantity variation clause of the bid, then delivery extension on pro-rata basis shall be given for supply of these additional quantity.

### 8. TRANSIT INSURANCE:

Transit Insurance of material is in Supplier/Vendor's scope. Supplier/Vendor shall insure the material at their cost for transportation. Vendor to quote price inclusive of Transit Insurance.

### 9. PAYMENT TERMS:

Payment of 100% of invoice value shall be made within the stipulated days as mentioned below from the date of receipt and acceptance of materials at BHEL HPVP.

Type of Bidder	Payment Terms (Number of Days)
Micro & Small Enterprises (MSEs)	45 Days
Medium Enterprises	60 Days
Non MSME	90 Days
Indigenous LC Payment Terms	120 Days Usance#

# LC opening will be considered 21 days (3 weeks) extra from the date of PO. Vendor who opts for LC, their price will be loaded extra with 1.5% of basic cost.

Payment will be done on pro-rata basis. However, GST portion of invoice shall be released only upon

1. Vendor declaring the Invoice in his GSTR-1.
2. Receipt of Goods and Tax Invoice by BHEL.
3. Confirmation of Payment of GST thereon by vendor on GSTN portal.

Any deviation in the above payment terms will attract loading as mentioned below.

"Repo rate (as applicable on the date of techno commercial bid opening) + 4% of basic value shall be considered for loading for the period of relaxation sought by bidder.

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Note: Offers with Payment against Proforma Invoice/Advance Payment/LC at sight/Confirmed LC shall be rejected.

### 10. DOCUMENTS REQUIRED ALONG WITH DISPATCH OF MATERIAL/BILLING DOCUMENTS:

The following documents are required to be sent with material dispatch/Billing Documents:

- 10.1. Original Tax Invoice (As per Cl. No. 4 above).
- 10.2. Copy of LR.
- 10.3. Original Inspection documents
- 10.4. Warranty Certificate

### 11. BANK DETAILS FOR EMD & PERFORMANCE SECURITY SUBMISSION:

11.1. For Electronic Fund Transfer the details are as below:

- 11.1.1. Name of the Beneficiary: Bharat Heavy Electricals Limited
- 11.1.2. Bank Particulars:
  - 11.1.2.1. Name of the Company - BHARAT HEAVY ELECTRICALS LTD.
  - 11.1.2.2. Address of the company – NATHAYYA PALEM, VISAKHAPATNAM
  - 11.1.2.3. Bank branch -STATE BANK OF INDIA, BHPV BRANCH
  - 11.1.2.4. City: VISAKHAPATNAM
  - 11.1.2.5. Branch code: 1675
  - 11.1.2.6. Account Number: 33276118389
  - 11.1.2.7. IFSC code: SBIN0001675

### 12. EMD: ~~Applicable~~ / **Not Applicable**.

- 12.1. ~~Every tender must be accompanied by the prescribed amount of Earnest Money Deposit (EMD) in the manner described herein.~~
  - 12.1.1. ~~EMD shall be furnished before tender opening / along with the offer in full as per the amount indicated in the NIT.~~
  - 12.1.2. ~~The EMD up to an amount of Rs. .... is to be paid only in the following forms:~~
    - 12.1.2.1. ~~Electronic Fund Transfer credited in BHEL account (before tender opening).~~
    - 12.1.2.2. ~~Banker's cheque/ Pay order/ Demand draft, in favour of 'Bharat Heavy Electricals Limited' and payable at Regional HQ issuing the tender (along with offer).~~
    - 12.1.2.3. ~~Fixed Deposit Receipt (FDR) issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL marking lien in favour of BHEL) (along with offer). The Fixed Deposit in such cases shall be valid for a period of 45 (forty five) days beyond the final bid validity period.~~
    - 12.1.2.4. ~~Bank Guarantee from any of the Scheduled Banks. In such cases shall be valid for a period of 45 (forty five) days beyond the final bid validity period.~~
    - 12.1.2.5. ~~Insurance Surety Bonds.~~
- 12.2. ~~In case the EMD is more than Rs. Two lakh and in case of foreign bidders, it may be in the form of a bank guarantee (in equivalent Foreign Exchange amount, in case of foreign bidders) issued/ confirmed from any of the scheduled commercial bank in India in the prescribed format. The EMD shall remain valid for a period of 45 (forty five) days beyond the final bid validity period.~~
- 12.3. ~~No other form of EMD remittance shall be acceptable to BHEL.~~
- 12.4. ~~EMD by the Bidder will be forfeited as per NIT conditions, if: EMD: Applicable / Not Applicable.~~

### 13. PERFORMANCE SECURITY: ~~Applicable~~ / **Not Applicable**

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- 13.1. ~~Successful bidder awarded the contract should deposit 10% of the contract value as performance security towards fulfilment of all contractual obligations, including warranty obligations.~~
- 13.2. ~~Performance Security is to be furnished within 14 days after issuance of Contract/PO and should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the Supplier/Vendor, including warranty obligations. The claim period of the bank guarantee shall be 12 months after Warranty period. (Warranty period + 12 Months). Vendor to instruct their PBG issuing bank to send the Original Performance Bank Guarantee directly to BHEL HPVP Visakhapatnam.~~
- 13.3. **Modes of deposit:**
  - 13.3.1. ~~Performance security may be furnished in the following forms:~~
    - 13.3.1.1. ~~Local cheques of Scheduled Banks (subject to realization)/ Pay Order/Demand Draft/ Electronic Fund Transfer in favour of 'Bharat Heavy Electricals Limited' and payable at Regional HQ~~
    - 13.3.1.2. ~~Bank Guarantee from Scheduled Banks / Public Financial Institutions as defined in the Companies Act. The Bank Guarantee should be in the prescribed format of BHEL.~~
    - 13.3.1.3. ~~Fixed Deposit Receipt (FDR) issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL).~~
    - 13.3.1.4. ~~Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL).~~
    - 13.3.1.5. ~~Insurance Surety Bond.~~
- Note: ~~BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith.~~
- 13.3.2. ~~In case of GTE tenders, the performance security should be in the same currency as the contract and must conform to Uniform Rules for Demand Guarantees (URDG 758) — an international convention regulating international securities.~~
- 13.4. ~~The performance security will be forfeited and credited to BHEL's account in the event of a breach of contract by the Supplier/Vendor as provided herein or elsewhere in the Contract/PO.~~
- 13.5. ~~Performance Security shall be refunded to the Supplier/Vendor without interest, after the Supplier/Vendor duly performs and completes the contract in all respects but not later than 60(sixty) days of completion of all such obligations including the warranty under the contract.~~
- 13.6. ~~The Performance Security shall not carry any interest.~~
- 13.7. ~~There is no exemption of Performance security deposit submission for MSE Vendors~~

### 14. BREACH OF CONTRACT, REMEDIES AND TERMINATION:

- 14.1. The following shall amount to breach of contract:
  - 14.1.1. Non-supply of material/ non-completion of work by the Supplier/Vendor within scheduled delivery/ completion period as per contract or as extended from time to time.
  - 14.1.2. The Supplier/Vendor fails to perform as per the activity schedule and there are sufficient reasons even before expiry of the delivery/ completion period to justify that supplies shall be inordinately delayed beyond contractual delivery/ completion period.
  - 14.1.3. The Supplier/Vendor delivers equipment/ material not of the contracted quality.
  - 14.1.4. The Supplier/Vendor fails to replace the defective equipment/ material/ component as per guarantee clause.
  - 14.1.5. Withdrawal from or abandonment of the work by the Supplier/Vendor before completion as per contract.
  - 14.1.6. Assignment, transfer, subletting of Contract by the Supplier/Vendor without BHEL's written permission resulting in termination of Contract or part thereof by BHEL.
  - 14.1.7. Non-compliance to any contractual condition or any other default attributable to Supplier/Vendor.

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- 14.1.8. Any other reason(s) attributable to Vendor towards failure of performance of contract. In case of breach of contract, BHEL shall have the right to terminate the Purchase Order/ Contract either in whole or in part thereof without any compensation to the Supplier/Vendor.
- 14.1.9. Any of the declarations furnished by the contractor at the time of bidding and/ or entering into the contract for supply are found untruthful and such declarations were of a nature that could have resulted in non-award of contract to the contractor or could expose BHEL and/ or Owner to adverse consequences, financial or otherwise.\
- 14.1.10. Supplier/Vendor is convicted of any offence involving corrupt business practices, antinational activities or any such offence that compromises the business ethics of BHEL, in violation of the Integrity Pact entered into with BHEL has the potential to harm the overall business of BHEL/ Owner.

Note-Once BHEL considers that a breach of contract has occurred on the part of Supplier/Vendor, BHEL shall notify the Supplier/Vendor by way of notice in this regard. Contractor shall be given an opportunity to rectify the reasons causing the breach of contract within a period of 14 days.

In case the contractor fails to remedy the breach, as mentioned in the notice, to the satisfaction of BHEL, BHEL shall have the right to take recourse to any of the remedial actions available to it under the relevant provisions of contract.

### 14.2. Remedies in case of Breach of Contract.

- 14.2.1. Wherein the period as stipulated in the notice issued under clause 14.1 has expired and Supplier/Vendor has failed to remedy the breach, BHEL will have the right to terminate the contract on the ground of "Breach of Contract" without any further notice to contractor.
- 14.2.2. Upon termination of contract, BHEL shall be entitled to recover an amount equivalent to 10% of the Contract Value for the damages on account of breach of contract committed by the Supplier/Vendor. This amount shall be recovered by way of encashing the security instruments like performance bank guarantee etc available with BHEL against the said contract. In case the value of the security instruments available is less than 10% of the contract value, the balance amount shall be recovered from other financial remedies (i.e. available bills of the Supplier/Vendor, retention amount, from the money due to the Supplier/Vendor etc. with BHEL) or the other legal remedies shall be pursued.
- 14.2.3. wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is 10% of the contract value or more, such security instruments to the extent of 10% contract value will be encashed. In case no security instruments are available or the value of the security instruments available is less than 10% of the contract value, the 10% of the contract value or the balance amount, as the case may be, will be recovered in all or any of the following manners:
- 14.2.4. In case the amount recovered under above sub clauses is not sufficient to fulfil the amount recoverable then; a demand notice to deposit the balance amount within 30 days shall be issued to Supplier/Vendor.
- 14.2.5. If Supplier/Vendor fails to deposit the balance amount within the period as prescribed in demand notice, following action shall be taken for recovery of the balance amount:
  - 14.2.5.1. from dues available in the form of Bills payable to defaulted Supplier/Vendor against the same contract.
  - 14.2.5.2. If it is not possible to recover the dues available from the same contract or dues are insufficient to meet the recoverable amount, balance amount shall be recovered from any money(s) payable to Supplier/Vendor under any contract with other Units of BHEL including recovery from security deposits or any other deposit available in the form of security instruments of any kind against Security deposit or EMD.
- 14.2.6. In-case recoveries are not possible with any of the above available options, Legal action shall be initiated for recovery against defaulted supplier/Vendor.
- 14.2.7. It is an agreed term of contract that this amount shall be a genuine pre-estimate of damages that BHEL would incur in completion of balance contractual obligation of the contract through any other agency and BHEL will not be required to furnish any other evidence to the Supplier/Vendor for the purpose of estimation of damages.
- 14.2.8. In addition to the above, imposition of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract

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14.2.9. Note:

14.2.9.1. The defaulting Supplier/Vendor shall not be eligible for participation in any of the future enquiries floated by BHEL to complete the balance work. The defaulting contractor shall mean and include:

14.2.9.1.1. In case defaulted Supplier/Vendor is the Sole Proprietorship Firm, any Sole Proprietorship Firm owned by same Sole Proprietor.

14.2.9.1.2. In case defaulted Supplier/Vendor is The Partnership Firm, any firm comprising of same partners/ some of the same partner; or sole proprietorship firm owned by any partner(s) as a sole proprietor.

14.3. **LD against delay in executed supply in case of Termination of Contract:** LD against delay in executed supply shall be calculated in line with LD clause no. 18.0 below, for the delay attributable to Supplier/Vendor. For limiting the maximum value of LD, contract value shall be taken as Executed Value of supply till termination of contract.

14.3.1. Method for calculation of “LD against delay in executed supply in case of termination of contract” is given below.

14.3.1.1. Let the time period from scheduled date of start of supply till termination of contract excluding the period of Hold (if any) not attributable to contractor = T1

14.3.1.2. **Let the value of executed supply till the time of termination of contract= X**

14.3.1.3. Let the Total Executable Value of supply for which inputs/fronts were made available to Supplier/Vendor and were planned for execution till termination of contract = Y

14.3.1.4. Delay in executed supply attributable to Supplier/Vendor i.e.  $T2 = [1 - (X/Y)] \times T1$

14.3.1.5. LD shall be calculated in line with LD clause (clause 18.0) of the Contract for the delay attributable to Supplier/Vendor taking “X” as Contract Value and “T2” as period of delay attributable to Supplier/Vendor.

### 15. BILL TO/ SHIP TO ADDRESS:

15.1. **Bill to:** MM (Head) , BHEL HPVP, Nattayapalem, BHPV Post Visakhapatnam 530012

15.2. **Ship to :** Sr Manager (Stores), BHEL HPVP, Nattayapalem, BHPV Post Visakhapatnam 530012

### 16. GUARANTEE/WARRANTY

16.1. Supplier Should guarantee against all design, manufacturing and for performance for a period of 24 month from the date of receipt at our stores. Supplier shall be responsible and contact point for any service related issue during warranty period or after warranty period.

### 17. MICRO AND SMALL ENTERPRISES (MSE):

Any Bidder falling under MSE category shall furnish the following details & submit documentary evidence/ Govt. Certificate etc. in support of the same along with their techno-commercial offer.

Type under MSE	SC/ST owned	Women owned	Others (excluding SC/ ST & Women Owned)
Micro Small			

**Note: If the bidder does not furnish the above, offer shall be processed construing that the bidder is not falling under MSE category.**

17.1. MSE suppliers can avail the intended benefits in respect of the procurements related to the Goods and Services only (Definition of Goods and Services as enumerated by Govt. of India vide Office Memorandum F. No. 21(8)/2011-MA dtd. 09/11/2016 office of AS & DC, MSME) only if they submit along with the offer, attested

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copies of either Udyam Registration. **Date to be reckoned for determining the deemed validity will be the last date of Technical Bid submission.**

- 17.2. **Non-submission of supporting document in GePNIC portal will lead to consideration of their bids at par with other bidders.** No benefits shall be applicable for this enquiry if the above required documents are not uploaded at the time of bid submission.
- 17.3. Documents submitted by the bidder shall be verified by BHEL for rendering the applicable benefits.

### 18. LIQUIDATED DAMAGE:

- 18.1. Liquidated Damages, wherever referred under this Tender/Agreement, shall mean and refer to the damages, not in the nature of penalty, which the contractor agrees to pay in the event of delay in delivery of supplies, breach of contract etc. as the case may be.
- 18.2. Liquidated Damages leviable upon the Supplier/Vendor is a sum which is agreed by the parties as a reasonable and genuine pre-estimate of damages which will be suffered by BHEL on account of delay/breach on the part of the Supplier/Vendor.
- 18.3. If the Seller/Service Provider fails to deliver any or all of the Goods/Services within the original/refixed delivery period(s) specified in the contract/PO, the Buyer/BHEL will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% of the contract value of delayed quantity per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value of delayed quantity without any controversy/dispute of any sort whatsoever. Date of LR/Invoice whichever is later shall be considered for LD calculation purpose. In case of delay, the supplier should deduct applicable L.D and negotiate the documents for balance amount only. **Any deviation from the above LD clause, loading shall be applied to the extent of relaxation sought OR to which the LD is not agreed by the bidder, at offered basic value. In case the LD is not quantifiable, full 10% loading will be done.**
- 18.4. **Risk Purchase:** The delivery period stated 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 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.

### 19. INTEGRITY PACT (IP): ~~Applicable~~/ ~~Not Applicable~~

- INTEGRITY PACT IS A TOOL TO ENSURE THAT ACTIVITIES AND TRANSACTIONS BETWEEN THE COMPANY AND ITS BIDDERS/ CONTRACTORS ARE HANDLED IN A FAIR, TRANSPARENT AND CORRUPTION FREE MANNER. FOLLOWING INDEPENDENT EXTERNAL MONITORS (IEMS) ON THE PRESENT PANEL HAVE BEEN APPOINTED BY BHEL WITH THE APPROVAL OF CVC TO OVERSEE IMPLEMENTATION OF IP IN BHEL.
- DETAILS OF IEM FOR THIS TENDER IS FURNISHED BELOW:

SL. NO.	IEM	EMAIL IDS
01	DR SARAT KUMAR ACHARYA , EX-CMD, NLC	IEM1@BHEL.IN
02	SHRI R. MUKUNDAN, IRPS(RETD.)	IEM2@BHEL.IN
03	SHRI MADAN LAL MEENA, IAS(RETD.)	IEM3@BHEL.IN

- THE IP AS ENCLOSED WITH THE TENDER IS TO BE SUBMITTED (DULY SIGNED BY AUTHORIZED SIGNATORY WHO SIGNS IN THE OFFER) ALONG WITH TECHNO-COMMERCIAL BID(PART-I). ONLY THOSE BIDDERS WHO HAVE ENTERED INTO SUCH AN IP WITH BHEL WOULD BE COMPETENT TO PARTICIPATE IN THE BIDDING. IN OTHER WORDS, ENTERING INTO THIS PACT WOULD BE A PRELIMINARY QUALIFICATION.

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- PLEASE REFER SECTION-8 OF IP FOR ROLE AND RESPONSIBILITIES OF IEMS. IN CASE OF ANY COMPLAINT ARISING OUT OF THE TENDERING PROCESS, THE MATTER MAY BE REFERRED TO THE ANY OF THE ABOVE IEM(S). ALL CORRESPONDENCE WITH THE IEMS SHALL BE DONE THROUGH EMAIL ONLY.
- NO ROUTINE CORRESPONDENCE SHALL BE ADDRESSED TO THE IEM (PHONE/ POST/ EMAIL) REGARDING THE CLARIFICATIONS, TIME EXTENSIONS OR ANY OTHER ADMINISTRATIVE QUERIES, ETC ON THE TENDER ISSUED. ALL SUCH CLARIFICATION/ ISSUES SHALL BE ADDRESSED DIRECTLY TO THE TENDER ISSUING (PROCUREMENT) DEPARTMENT
- FOR ALL CLARIFICATIONS/ ISSUES RELATED TO THE TENDER, PLEASE CONTACT:

Name: (1) Mr. D S Baraik /Sr. Manager [MM-RM] Deptt: MM-Purchase Address: BHEL HPVP, Visakhapatnam Phone: (Landline/ Mobile) 91+ 891-288 1301	Name: (1) Mr. B Srinivas /DGM [MM] Dept: MM-Purchase Address: BHEL HPVP, Visakhapatnam Phone: (Landline/ Mobile) 91+ 891-288 1324
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### 20. PREFERENCE TO MAKE IN INDIA:

20.1. For this procurement, the local content to categorize a Supplier/Vendor as a Class I local supplier/ Class II local Supplier/Non-Local Supplier and purchase preferences to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the Bid, the same shall be applicable even if issued after issue of this GePNIC Bid, **but before opening of Part-II bids against this GePNIC Bid.**

#### 20.2. Compliance to Restrictions under Rule 144 (xi) of GFR 2017:

- 20.2.1. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. The Competent Authority for the purpose of this Clause shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).
- 20.2.2. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
- 20.2.3. "Bidder from a country which shares a land border with India" for the purpose of this Clause means: -
- 20.2.3.1. An entity incorporated established or registered in such a country; or
  - 20.2.3.2. A subsidiary of an entity incorporated established or registered in such a country; or
  - 20.2.3.3. An entity substantially controlled through entities incorporated, established or registered in such a country; or
  - 20.2.3.4. An entity whose beneficial owner is situated in such a country; or
  - 20.2.3.5. An Indian (or other) agent of such an entity; or
  - 20.2.3.6. A natural person who is a citizen of such a country; or
  - 20.2.3.7. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.
- 20.2.4. The beneficial owner for the purpose of (20.2.3) above will be as under:
- 20.2.4.1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

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- 20.2.4.1.1. “Controlling ownership interest” means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company.
- 20.2.4.1.2. “Control” shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.
- 20.2.4.2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership.
- 20.2.4.3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person has ownership of or entitlement to more than fifteen percent of the property or capital or profits of the such association or body of individuals.
- 20.2.4.4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
- 20.2.4.5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership. (i) The bidder shall provide undertaking for their compliance to this Clause, in the format provided in Annexure-13.
- 20.2.5. Registration of the bidder with Competent Authority should be valid at the time of submission of bids and at the time of acceptance of the bids.

### 21. SETTLEMENT OF DISPUTE

If any dispute or difference of any kind whatsoever shall arise between BHEL and the Supplier/Vendor, arising out of the contract for the performance of the work whether during the progress of contract termination, abandonment or breach of the contract, it shall in the first place referred to Designated Engineer for amicable resolution by the parties. Designated Engineer (to be nominated by BHEL for settlement of disputes arising out of the contract) who within 60 days after being requested shall give written notice of his decision to the contractor. Save as hereinafter provided, such decision in respect of every matter so referred shall forthwith be given effect to by the Supplier/Vendor who shall proceed with the work with all due diligence, whether he or BHEL desires to resolve the dispute as hereinafter provided or not.

If after the Designated Engineer has given written notice of this decision to the party and no intention to pursue the dispute has been communicated to him by the affected party within 30 days from the receipt of such notice, the said decision shall become final and binding on the parties. In the event the Supplier/Vendor being dissatisfied with any such decision or if amicable settlement cannot be reached then all such disputed issues shall be resolved through conciliation in terms of the BHEL Conciliation Scheme 2018 as per Clause 21.1 .

- 21.1. **Conciliation:** Any dispute, difference or controversy of whatever nature howsoever arising under or out of or in relation to this Agreement (including its interpretation) between the Parties, and so notified in writing by either Party to the other Party (the “Dispute”) shall, in the first instance, be attempted to be resolved amicably in accordance with the conciliation procedure as per BHEL Conciliation Scheme 2018. The proceedings of Conciliation shall broadly be governed by Part-III of the Arbitration and Conciliation Act 1996 or any statutory modification thereof and as provided in - “Procedure for conduct of conciliation proceedings” (as available in [www.bhel.com](http://www.bhel.com)).

**Note:** Ministry of Finance has issued OM reference No. 1/2/24 dated 03.06.2024 regarding “Guidelines for Arbitration and Mediation in Contracts of Domestic Public Procurement. In the said OM it has been recommended that Government departments/Entities/agencies are to encourage mediation under the Mediation Act. 2023. The said Act has not yet been notified by the Government. Therefore, the clause “Settlement of Disputes” shall be modified accordingly as and when the Mediation Act 2023 gets notified.

#### 21.2. ARBITRATION:

- 21.2.1. Except as provided elsewhere in this Contract, in case Parties are unable to reach amicable settlement (whether by Conciliation to be conducted as provided in Clause 21.1 herein above or otherwise) in

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respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the Parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract (hereinafter referred to as the 'Dispute'), then, either Party may, refer the disputes to Arbitral Institution (**to be identified by BHEL HPVP**) and such dispute to be adjudicated by Sole Arbitrator appointed in accordance with the Rules of said Arbitral Institution.

- 21.2.2. A party willing to commence arbitration proceeding shall invoke Arbitration Clause by giving notice to the other party in terms of section 21 of the Arbitration & Conciliation Act, 1996 (hereinafter referred to as the 'Notice') before referring the matter to arbitral institution. The Notice shall be addressed to the Head of the Region, Power Sector/ Unit, BHEL, executing the Contract and shall contain the particulars of all claims to be referred to arbitration with sufficient detail and shall also indicate the monetary amount of such claim including interest, if any.
  - 21.2.3. After expiry of 30 days from the date of receipt of aforesaid notice, the party invoking the Arbitration shall submit that dispute to the Arbitral Institutions. (to be identified by the contract issuing agency) and that dispute shall be adjudicated in accordance with their respective Arbitration Rules. The matter shall be adjudicated by a Sole Arbitrator who shall necessarily be a Retd Judge having considerable experience in commercial matters to be appointed/nominated by the respective institution. The cost/expenses pertaining to the said Arbitration shall also be governed in accordance with the Rules of the respective Arbitral Institution. The decision of the party invoking the Arbitration for reference of dispute to a specific Arbitral institution for adjudication of that dispute shall be final and binding on both the parties and shall not be subject to any change thereafter. The institution once selected at the time of invocation of dispute shall remain unchanged.
  - 21.2.4. The fee and expenses shall be borne by the parties as per the Arbitral Institutional rules.
  - 21.2.5. The Arbitration proceedings shall be in English language and the seat and venue of Arbitration shall be Visakhapatnam.
  - 21.2.6. Subject to the above, the provisions of Arbitration & Conciliation Act 1996 and any amendment thereof shall be applicable. All matters relating to this Contract and arising out of invocation of Arbitration clause are subject to the exclusive jurisdiction of the Court(s) situated at Visakhapatnam.
  - 21.2.7. Notwithstanding any reference to the Designated Engineer or Conciliation or Arbitration herein, a. the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree. Settlement of Dispute clause cannot be invoked by the Contractor, if the Contract has been mutually closed or 'No Demand Certificate' has been furnished by the Contractor or any Settlement Agreement has been signed between the Employer and the Contractor.
  - 21.2.8. It is agreed that Mechanism of resolution of disputes through arbitration shall be available only in the cases where the value of the dispute is less than Rs. 10 Crores.
  - 21.2.9. In case the disputed amount (Claim, Counter claim including interest is Rs. 10 crores and above, the parties shall be within their rights to take recourse to remedies other than Arbitration, as may be available to them under the applicable laws after prior intimation to the other party. Subject to the aforesaid conditions, provisions of the Arbitration and Conciliation Act, 1996 and any statutory modifications or re-enactment thereof as amended from time to time, shall apply to the arbitration proceedings under this clause.
  - 21.2.10. In case, multiple arbitrations are invoked (whether sub-judice or arbitral award passed) by any party to under this contract, then the cumulative value of claims (including interest claimed or awarded) in all such arbitrations shall be taken in account while arriving at the total claim in dispute for the subject contract for the purpose of clause 21.2.9. Disputes having cumulative value of less than 10 crores shall be resolved through arbitration and any additional dispute shall be adjudicated by the court of competent jurisdiction.
- 21.3. **In case of Contract with Public Sector Enterprise (PSE) or a Government Department, the following shall be applicable:** In the event of any dispute or difference relating to the interpretation and application of the provisions of commercial contract(s) between Central Public Sector Enterprises (CPSEs)/ Port Trusts inter se and also between CPSEs and Government Departments/Organizations (excluding disputes concerning Railways, Income Tax, Customs & Excise Departments), such dispute or

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difference shall be taken up by either party for resolution through AMRCD (Administrative Mechanism for Resolution of CPSEs Disputes) as mentioned in DPE OM No. 05/0003/2019-FTS-10937 dated 14-12-2022 as amended from time to time.

### 22. JURISDICTION

Subject to clause 21 of this contract, the Civil Court having original Civil Jurisdiction at Visakhapatnam shall alone have exclusive jurisdiction in regard to all matters in respect of the Contract.

#### GOVERNING LAWS

The contract shall be governed by the Law for the time being in force in the Republic of India.

### 23. FORCE MAJEURE

- 23.1. "Force Majeure" shall mean circumstance which is:
- 23.1.1. beyond control of either of the parties to contract,
  - 23.1.2. either of the parties could not reasonably have provided against the event before entering into the contract,
  - 23.1.3. having arisen, either of the parties could not reasonably have avoided or overcome, and
  - 23.1.4. is not substantially attributable to either of the parties And Prevents the performance of the contract, such circumstances include but shall not be limited to
    - 23.1.4.1. War, hostilities, invasion, act of foreign enemies.
    - 23.1.4.2. Rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war.
    - 23.1.4.3. Riot, commotion or disorder by persons other than the contractor's personnel and other employees of the contractor and sub-contractors.
    - 23.1.4.4. Strike or lockout not solely involving the contractor's personnel and other employees of the contractor and sub-contractors.
    - 23.1.4.5. Encountering munitions of war, explosive materials, ionizing radiation or contamination by radio-activity, except as may be attributable to the contractor's use of such munitions, explosives, radiation or radio- activity.
    - 23.1.4.6. Natural catastrophes such as earthquake, tsunami, volcanic activity, hurricane or typhoon, flood, fire, cyclones etc.
    - 23.1.4.7. Epidemic, pandemic etc.
- 23.2. The following events are explicitly excluded from Force Majeure and are solely the responsibilities of the non-performing party: a) any strike, work-to-rule action, go-slow or similar labour difficulty (b) late delivery of equipment or material (unless caused by Force Majeure event) and (c) economic hardship
- 23.3. If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof within 15 (fifteen) days after the occurrence of such event.
- 23.4. The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed. The Time for Completion shall be extended by a period of time equal to period of delay caused due to such Force Majeure event.
- 23.5. Delay or non-performance by either party hereto caused by the occurrence of any event of Force Majeure shall not
  - 23.5.1. Constitute a default or breach of the Contract.
  - 23.5.2. Give rise to any claim for damages or additional cost expense occasioned thereby, if and to the extent that such delay or non-performance is caused by the occurrence of an event of Force Majeure.
- 23.6. BHEL at its discretion may consider short closure of contract after 1 year of imposition of Force Majeure in line with extant guidelines. In any case, Supplier/Vendor cannot consider deemed short-closure after 1 year of imposition of Force Majeure.

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### 24. NON-DISCLOSURE AGREEMENT: **APPLICABLE** / ~~NOT APPLICABLE~~

The bidders shall enter into the Non-disclosure agreement separately. (Format attached).

### 25. 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.

### 26. FRAUD PREVENTION POLICY

Bidder along with its associate /collaborators /sub-contractors /sub-vendors / consultants / service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

### 27. SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS / CONTRACTOR

The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms / principal / agents, shall be rejected. The list of banned firms is available on BHEL web site [www.bhel.com](http://www.bhel.com).

If any bidder / supplier / contractor during pre-tendering / tendering / post tendering / award / execution / post execution stage indulges in any act, including but not limited to, 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 tampers the tendering process or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860( Bhartiya Nyaya Samhita 2023) or any other law in force in India, or does anything which is actionable under the Guidelines for Suspension of Business dealings, action may be taken against such bidder / supplier / contractor as per extant guidelines of the company available on [www.bhel.com](http://www.bhel.com) and / or under applicable legal provisions. Guidelines for suspension of business dealings is available in the webpage:

[http://www.bhel.com/vender\\_registration/vender.php](http://www.bhel.com/vender_registration/vender.php)..

### 28. Integrity commitment, performance of the contract and punitive action thereof:

- 28.1. Commitment by BHEL: 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.
- 28.2. Commitment by Bidder/ Supplier/ Contractor: Suspension of Business Dealings:
  - 28.2.1. 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.
  - 28.2.2. 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.
  - 28.2.3. 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.
- 28.3. If any bidder/ supplier/ contractor during pre-tendering/ tendering/ post tendering/ award/ execution/ post-execution stage indulges in malpractices, 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, or does anything which is actionable under the Guidelines for Suspension of Business

## Buyer Added Bid Specific Additional Terms & Conditions (ATC)

**Subject:** SUPPLY OF CLAD PLATE TO MATL. SPECN  
SA264(SA203GR.E+SS304L)

**RFQ/NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

dealings then, action may be taken against such bidder/ supplier/ contractor as per extant guidelines of the company available on www. bhel.com and/or under applicable legal provisions.

### 29. TREATMENT OF CASES REGARDING CONFLICT OF INTEREST

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations

- i) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- ii) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the tender process in which it is participating;
- iii) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/ principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one authorised distributor (with/ or without the OEM). From quoting equipment manufactured by an original equipment manufacturer (OEM) in procurements under a proprietary article certificate.
- iv) A bidder participates in more than one bid in this tender process. Participation in any capacity by a bidder (including the participation of a bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

THE BIDDER DECLARES THAT THEY HAVE READ AND UNDERSTOOD THE ABOVE ASPECTS, AND THE BIDDER CONFIRMS THAT SUCH CONFLICT OF INTEREST DOES NOT EXIST AND UNDERTAKES THAT THEY WILL NOT ENTER INTO ANY ILLEGAL OR UNDISCLOSED AGREEMENT OR UNDERSTANDING, WHETHER FORMAL OR INFORMAL WITH OTHER BIDDER(S), IN THIS REGARD. 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, THE SAME WILL BE CONSIDERED AS A VIOLATION OF THE TENDER CONDITIONS, AND SUITABLE ACTION SHALL BE TAKEN BY BHEL AS PER EXTANT POLICIES/ GUIDELINES.

**30. For supply orders placed on Indian Suppliers:** Irrespective of the value of the invoice amount, the bidder / vendor should necessarily upload the despatch & invoice details on BHEL SUVIDHA portal at <https://suvidha.bhel.in/suvidha/> , prior to despatch. All documents as per PO checklist, along with additional documents (if any), must be uploaded on the portal. It is mandatory that tax invoices with a net amount (including taxes) exceeding Rs five lakhs uploaded on the portal are digitally signed using a Class 3 Digital Signature Certificate (DSC) issued by a licensed Certifying Authority. Submission of invoice document in hard copy is allowed for invoices with a net amount (including taxes) equal to and up to Rs five lakhs, in case they were not digitally signed and uploaded on the portal.

The material will not be accepted inside BHEL in absence of the above.

## Buyer Added Bid Specific Additional Terms & Conditions (ATC)

**Subject:** SUPPLY OF CLAD PLATE TO MATL. SPECN  
SA264(SA203GR.E+SS304L)

**RFQ/NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

**31.** 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. In the event of any Technical or Commercial queries, the same may please be addressed to the following BHEL concerned before Part I opening-

31.1. D S Baraik, Sr Manager, MM-Purchase, Ph: 08912881301 /1305 E-Mail: [dsbaraik@bhel.in](mailto:dsbaraik@bhel.in) & [ashishkmr@bhel.in](mailto:ashishkmr@bhel.in)

**32.** Successful bidder shall compulsorily get registered in Government E-Marketplace (GeM) before placement of Purchase Order and shall provide the GeM Seller ID to BHEL (In case of Indigenous Vendors).

**33. Linking up of Old issues:** In case if you have any outstanding problem with earlier supplies, you should not link up against this enquiry or PO at later stages.

**34. Evaluation in case of more than one L-1 bidder:** In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders in the mode decided by BHEL. In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss/draw of lots, in the presence of the respective L-1 bidder(s) or their representative(s). Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding.

### 35. CONTACT PERSON:

COMMERCIAL QUERIES	MR. D S BARAIK /SR. MANAGER [MM-RM], / PHONE: (LANDLINE/ MOBILE) 91+ 891-288 1301 /EMAIL ID: <a href="mailto:dsbaraik@bhel.in">dsbaraik@bhel.in</a>
TECHNICAL QUERIES	MR LAKSHMI KANTH MANTRI/ SR. MANAGER [ENGINEERING ]/ HONE: (LANDLINE/ MOBILE) 91+ 891-288 1141 /EMAIL ID: <a href="mailto:mantri@bhel.in">mantri@bhel.in</a>

### 36. GRIEVANCE REDRESSAL MECHANISM

To promote transparency and ensure fair treatment of all bidders, a structured grievance redressal mechanism is in place to address any concerns or issues arising during the tendering process or in subsequent business dealings with the company.

Suppliers/contractors are requested to follow the below escalation process for grievance resolution:

**FIRST LEVEL:** any grievance should initially be addressed to the designated dealing officer; whose contact details are provided in the notice inviting tender (NIT)/contract.

**SECOND LEVEL:** If the issue remains unresolved, it may be escalated by lodging a formal grievance through the suvidha portal: <https://suvidha.bhel.in/suvidha/>. Responses will be provided in accordance with the defined escalation matrix.”

**37.** BHEL reserves the right to cancel the Enquiry / Tender at any stage without assigning any reasons thereof. Also, BHEL reserves the right to reject or accept one or any offer without assigning any reason.

**38.Right to Reject:** The competent authority reserves all rights to reject the goods if the same are not found in accordance with the required description / specifications/quality. Rejected materials if any after receipt of material at our end shall be replaced by Supplier at free of cost (inclusive of all testing, inspection, TPI, service charges etc) up to destination immediately without any extra freight from defect notification date

## Buyer Added Bid Specific Additional Terms & Conditions (ATC)

**Subject:** SUPPLY OF CLAD PLATE TO MATL. SPECN  
SA264(SA203GR.E+SS304L)

**RFQ/NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

- 39.** BHEL HPVP reserves the right to Reduce / Increase the quantities of any RFQ items mentioned in the enquiry. Vendor shall agree to accept reduced/increased qty of any RFQ items.  
Bidders to quote as per tender quantity only
- 40.** Price Impact: Bidders will be allowed to submit the impact on their quoted prices due to changes in technical scope, specifications, commercial terms/conditions as specified in NIT and in the opinion of BHEL such changes warrant changes in prices. BHEL at its sole discretion may also invite revised prices if there are major changes in scope. Revised price bids/impact price will not be accepted after opening of technical bids unless otherwise specifically asked by BHEL.
- 41.** BHEL HPVP reserve the right to negotiate and Re-float the tender if the lowest offered price is not found competitive.
- 42.** No overdue Interest, whatsoever the reason, will be payable by BHEL to either supplier or His Bankers.
- 43.** Dimensions of the consignment [LXWXH/ Gross Wt/ Net Wt. to be indicated. You may enclose separate sheet if space is not adequate.
- 44. Pricing Terms:** Bidder's quoted rates/ price for supply part of the contract shall remain firm throughout the contract including extension, if any, for any reason whatsoever and no escalation is admissible for this contract. Offers with Price Variation Clause will be not be accepted. In case of order, Price should be firm till execution of order
- 45.** Techno commercially qualified vendors' credentials will be submitted to customer/consultant, if required for their approval and their offers will be considered for price bid opening/ reverse auction subject to customer /consultant approval for the tender. Bidder shall submit their credentials and company details along with technical offers.
- 46. ORDER OF PRECEDENCE:**
- 46.1. **In the event of any ambiguity** or conflict between the Tender Documents, the order of precedence shall be in the order below:
- 46.1.1. Amendments/Clarifications/Corrigenda/Errata etc. issued in respect of the tender documents by BHEL.
- 46.1.2. Buyer Added Bid Specific ATC
- 46.1.3. GePNIC Bid Technical Conditions of Contract (TCC)
- 47. NOTE:**
- 47.1. In the event of our customer order covering this tender being cancelled /placed on hold /otherwise modified, BHEL would be constrained to accordingly cancel / hold / modify the tender at any stage of execution.
- 47.2. BHEL may negotiate the L1 rate, if not meeting our budget / estimated cost. BHEL may re-float the tender opened, if L1 price is not acceptable to BHEL even after negotiation.
- 47.3. Any deviation from the terms and conditions stated in the enquiry/tender.
- 47.4. Any change in applicable rates of Tax or any other statutory levies (Direct / Indirect) or any new introduction of any levy by means of statute and its corresponding liability for the deliveries beyond the agreed delivery date for reasons not attributable to BHEL will be to vendors account. BHEL will not reimburse the same and any subsequent claim in this respect will be summarily rejected.
- 47.5. BHEL reserves its right to reject an offer due to unsatisfactory past performance by the respective Vendor in the execution of any contract to any BHEL project / Unit.
- 47.6. The offers of the bidders who are under suspension and also the offers of the bidders, who engage the services of the banned firms /principal/agents, shall be rejected. The list of banned firms is available on BHEL web site [www.bhel.com](http://www.bhel.com).
- 47.7. Recovery / deduction as applicable as per Direct and Indirect taxes as notified by Govt. Of India from time to time will be made and information/certificate for such deduction/recoveries shall be provided by BHEL to the vendor.

## Buyer Added Bid Specific Additional Terms & Conditions (ATC)

**Subject:** SUPPLY OF CLAD PLATE TO MATL. SPECN  
SA264(SA203GR.E+SS304L)

**RFQ/NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

**48. ENCLOSURE:** Refer Annexure 1 for Applicable annexures to be filled by supplier and submitted to BHEL along with their offer.

- 48.1. Annexure A – Specification and QAP Details
- 48.2. Annexure B – Unpriced Bid
- 48.3. Annexure-1: Check List.
- 48.4. Annexure-2: Offer forwarding letter / tender submission letter
- 48.3. Annexure-3: No Deviation Certificate
- 48.4. Annexure-4: Declaration regarding Insolvency/ Liquidation/ Bankruptcy Proceedings
- 48.5. Annexure-5: Declaration by Authorized Signatory
- 48.6. Annexure-6: Declaration by Authorized Signatory regarding Authenticity of submitted Document
- 48.7. Annexure-7: Non-Disclosure Certificate
- 48.8. Annexure-8: Integrity Pact
- 48.9. Annexure-9: Declaration confirming knowledge about Site Conditions
- 48.10. Annexure-10: Declaration reg. Related Firms & their areas of Activities
- 48.11. Annexure-11: Declaration for relation in BHEL
- 48.12. Annexure- 12: Declaration reg. minimum local content in line with revised public procurement
- 48.13. Annexure- 13: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017
- 48.14. Annexure-14: Bank Account Details for E-Payment
- 48.15. Annexure-15: Power of Attorney for submission of tender.
- 48.16. Annexure-16: Proforma of Bank Guarantee for Earnest Money.
- 48.17. Annexure-17: Proforma of Bank Guarantee for Performance Security.
- 48.18. Annexure-18: List of Consortium Bank.

**Sub :** SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)

**RFQ/NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

## Annexure A Specification & QAP Details

SI No	Description	Unit	Quantity	Specification	QAP
Supply of Plate to Matl. Specn SA264(SA203GR.E+SS304L) Materials are to be supplied as per latest editions of ASME					
<b>1</b>	Matl Code: VZ1074970012 THK(40+3),SA264(SA203GR.E+SS304L) Plate dimension:2500X8000 - 15 Nos.	KG	101400.0	AS Per Specification SA264(SA203GR.E+SS304L),	Not Applicable
<b>2</b>	Matl Code: VZ1074970020 THK(36+3),SA264(SA203GR.E+SS304L) Plate dimension:2500X8000 - 17 Nos.	KG	104244.00	AS Per Specification SA264(SA203GR.E+SS304L),	Not Applicable
<b>3</b>	Matl Code: VZ1074970039 THK(20+3),SA264(SA203GR.E+SS304L)_ Plate dimension:2500X8000 - 31 Nos.	KG	112220.00	AS Per Specification SA264(SA203GR.E+SS304L),	Not Applicable
	<b>TOTAL</b>	<b>KG</b>	<b>3,17,864</b>		

**Sub :** SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)

**NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

**Annexure B Unpriced Bid**

Sl No	Description	Unit	Quantity	Specification	GST %	HSN	Quantity tolerance Considered (max +10%)	Quoted / Not Quoted (Q / NQ)
1	Matl Code: VZ1074970012 THK(40+3),SA264(SA203GR.E+SS304L) Plate dimension:2500X8000 - 15 Nos.	KG	101400.0	AS Per Specification SA264(SA203GR.E+SS304L),				
2	Matl Code: VZ1074970020 THK(36+3),SA264(SA203GR.E+SS304L) Plate dimension:2500X8000 - 17 Nos.	KG	104244.00	AS Per Specification SA264(SA203GR.E+SS304L),				
3	Matl Code: VZ1074970039 THK(20+3),SA264(SA203GR.E+SS304L)_ Plate dimension:2500X8000 - 31 Nos.	KG	112220.00	AS Per Specification SA264(SA203GR.E+SS304L),				
	<b>Total</b>	<b>KG</b>	<b>3,17,864</b>					

REMARKS: **THE QUANTITY INDICATED ABOVE IS THEORETICAL WEIGHT (WITHOUT ANY QUANTITY TOLERANCE). BIDDER TO QUOTE THEIR PRICES ACCORDINGLY [I.E WITHOUT ANY QUANTITY TOLERANCE].**  
**ACCEPTABLE QUANTITY TOLERANCE FOR SUPPLY AND PAYMENT WILL BE UP TO MAXIMUM +10%.**

Notes:

1. UNIT OF MEASUREMENT SHALL BE KG AND UNIT RATE SHALL BE INDICATED ACCORDINGLY (IN PRICE BID PART).
2. RELEVANT TDC, TENDER DOCUMENTS OF TERMS & CONDITIONS AND CONFIRMATION OF QUOTATION BY INDICATING "YES/NO" AGAINST EACH ITEM ABOVE, WITH DULY SIGNED AND STAMPED SHALL BE SUBMITTED BY BIDDERS ALONG WITH OFFERS.
4. ANY REQUEST FOR CHANGE IN SPECIFICATION IS NOT ACCEPTABLE.
5. OFFER WILL BE EVALUATED ON **PACKAGE WISE L1 BASIS.**
6. OFFER INDICATED WITH MINIMUM ORDER QUANTITY (MOQ) IS LIABLE FOR REJECTION. BIDDER TO NOTE THE SAME AND SUBMIT THEIR QUOTE.
7. HIGHER SIZES OF PLATE LENGTH AND WIDTH ARE ALSO ACCEPTABLE. HOWEVER, NUMBER OF PLATES REQUIRED ARE SAME AND YOUR OFFER WILL BE LOADED ACCORDINGLY FOR EVALUATION.

### **ANNEXURE C**

#### **Declaration for treatment of cases regarding conflict of interest**

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- a) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- b) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- c) Procurement of goods directly from the manufacturers/suppliers shall be preferred. However, if the OEM/Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorized distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- d) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. 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, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.

(Signature of the authorized signatory of the bidder)

ANNEXURE- 1

CHECK LIST

NOTE: - Suppliers are required to fill in the following details in their Letterhead and no column should be left blank

<b>Name and Address of the Supplier</b>			
<b>GSTN No. the Supplier (Place of Execution of Contract / Purchase Order)</b>			
<b>Details of Contact person for this Tender</b>		Name: Mr./ Ms. Designation: Telephone No: Mobile No: Email ID:	
<b>EMD DETAILS</b>		<b>Not Applicable</b>	
<b>E</b>	<b>DESCRIPTION</b>	<b>APPLICABILITY (BY BHEL)</b>	<b>ENCLOSED BY BIDDER</b>
i.	Whether <b>Pre - Qualification Criteria</b> is understood and provided proper supporting documents. <b>(mandatory)</b>	Applicable/ <del>Not Applicable</del>	YES / NO
ii.	Whether all pages of the Tender documents including annexures, appendices etc are read and understood	Applicable/ <del>Not Applicable</del>	YES / NO
iii.	Audited Balance Sheet and profit & Loss Account for the last three years	Applicable/ <del>Not Applicable</del>	YES / NO
iv.	Copy of PAN Card & GST registration <b>(mandatory)</b>	Applicable/ <del>Not Applicable</del>	YES / NO
v.	Submission of <b>MSE certificate</b> as specified in Tender	Applicable/ <del>Not Applicable</del>	YES / NO
vi.	<b>Offer forwarding letter</b> / tender submission letter as per Annexure – 2 <b>(mandatory)</b>	Applicable/ <del>Not Applicable</del>	YES / NO
vii.	Submission of <b>Certificate of No Deviation</b> as per Annexure – 3 <b>(mandatory)</b>	Applicable/ <del>Not Applicable</del>	YES / NO
viii.	Declaration regarding <b>Insolvency/ Liquidation/ Bankruptcy Proceedings</b> as per Annexure – 4 <b>(mandatory)</b>	Applicable/ <del>Not Applicable</del>	YES / NO
ix.	Declaration by <b>Authorized Signatory</b> as per Annexure – 5 <b>(mandatory)</b>	Applicable/ <del>Not Applicable</del>	YES / NO
x.	Declaration by <b>Authorized Signatory regarding Authenticity</b> of submitted Documents Annexure – 6 <b>(mandatory)</b>	Applicable/ <del>Not Applicable</del>	YES / NO
xi.	Submission of <b>Non-Disclosure Certificate</b> as per Annexure – 7	Applicable/ <del>Not Applicable</del>	YES / NO

xii.	Submission of <b>Integrity Pact</b> as specified in Tender as per Annexure – 8 ( <b>mandatory for more than 2cr</b> )	Applicable/ <del>Not Applicable</del>	YES / NO
xiii.	Declaration <b>confirming knowledge about Site Conditions</b> as per Annexure – 9	Applicable/ <del>Not Applicable</del>	YES / NO
xiv.	Declaration reg. <b>Related Firms &amp; their areas of Activities</b> as per Annexure – 10 ( <b>mandatory</b> )	Applicable/ <del>Not Applicable</del>	YES / NO
xv.	Declaration for <b>relation in BHEL</b> as per Annexure – 11 ( <b>mandatory</b> )	Applicable/ <del>Not Applicable</del>	YES / NO
xvi.	Declaration reg. <b>minimum local content</b> in line with revised public procurement as per Annexure – 12 ( <b>mandatory</b> )	Applicable/ <del>Not Applicable</del>	YES / NO
xvii.	Declaration regarding <b>compliance to Restrictions under Rule 144 (xi) of GFR 2017</b> as per Annexure – 13( <b>mandatory</b> )	Applicable/ <del>Not Applicable</del>	YES / NO
xviii.	<b>Bank Account Details</b> for E-Payment as per Annexure – 14 ( <b>mandatory</b> )	Applicable/ <del>Not Applicable</del>	YES / NO
xix.	<b>Power of Attorney</b> for submission of tender as per Annexure – 15 (as applicable)	Applicable/ <del>Not Applicable</del>	YES / NO
xx.	<b>Proforma of Bank Guarantee for Earnest Money</b> as per Annexure – 16	Applicable/ <del>Not Applicable</del>	YES / NO
xxi.	Proforma of Bank Guarantee for Performance Security as per Annexure 17.	Applicable/ <del>Not Applicable</del>	YES / NO
xxii.	Declaration reg. <b>Related Firms &amp; their areas of Activities</b> as per Annexure – 10	Applicable/ <del>Not Applicable</del>	YES / NO
xxiii.	Submission of Annexure B – Unpriced Bid	Applicable/ <del>Not Applicable</del>	YES / NO
xxiv.	Submission of Annexure C – Conflict of Interest	Applicable/ <del>Not Applicable</del>	YES / NO

**ANNEXURE - 2**

**OFFER FORWARDING LETTER / TENDER SUBMISSION LETTER**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

-----

Offer Reference No: .....

Date: .....

To,  
Sr. Manager (MM)  
BHEL, HPVP Visakhapatnam- 530012

Dear Sir,  
Sub: Submission of Offer against Bid No: .....

Having examined the tender documents against your Bid No. \_\_\_\_\_  
dated \_\_\_\_\_ and having understood the provisions of the said tender documents and having  
thoroughly studied the requirements of BHEL related to the work tendered for, in connection with  
\_\_\_\_\_ (name of work & project site), we hereby submit our  
offer for the proposed work in accordance with terms and conditions mentioned in the tender documents, at the  
prices quoted by us and as per the indicated delivery schedule.

Should our Offer be accepted by BHEL for Award, I/we further agree to furnish 'Performance Security' for the work  
as provided for in the Tender Conditions within the stipulated time as may be indicated by BHEL. I/We further agree  
to execute all the works referred to in the said Tender documents upon the terms and conditions contained or  
referred to therein and as detailed in the appendices annexed thereto.

I/We have deposited herewith the requisite Earnest Money Deposit (EMD) as per details furnished in the Check  
List.

**Authorised Representative of Bidder**

Signature: .

Name: .

Address:

Place: Date:

**Subject:** SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)

**NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

**ANNEXURE - 3**

**CERTIFICATE OF NO DEVIATION**

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

---

To,  
Sr. Manager (MM),  
BHEL, HPVP Visakhapatnam- 530012

Dear Sir,

Subject: **No Deviation Certificate**

Ref:

- a. Bid No:
- b. All other pertinent issues till date

We hereby confirm that we have not changed/ modified/materially altered any of the tender documents as downloaded from the website/ issued by BHEL and in case of such observance at any stage, it shall be treated as null and void.

We also hereby confirm that we have neither set any Terms and Conditions and nor have we taken any deviation from the Tender conditions together with other references applicable for the above referred Bid. We further confirm our unqualified acceptance to all Terms and Conditions, unqualified compliance to Tender Conditions except for terms and conditions mentioned below.

Sl. No.	Ref Clause of Technical Spec / Commercial terms.	Subject	Confirmation/ Deviation/ Exception/ reservation	Justification/ Reason

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,  
Yours faithfully,

**Signature, date & seal of authorized representative of the bidder)**

Date: Place:

**Sub :** SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)

**NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

**ANNEXURE- 4**

**UNDERTAKING**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

-----

**To,**  
**Sr. Manager (MM)**  
**BHEL, HPVP Visakhapatnam- 530012**

Dear Sir/Madam,

**Sub: DECLARATION REGARDING INSOLVENCY/ LIQUIDATION/ BANKRUPTCY PROCEEDINGS**

**Ref: Bid No:**

I/We, \_\_\_\_\_  
declare that, I/We am/are not admitted under insolvency resolution process or liquidation under Insolvency and Bankruptcy Code, 2016, as amended from time to time or under any other law as on date, by NCLT or any adjudicating authority/authorities.

**Sign. of the AUTHORISED SIGNATORY**

**(With Name, Designation and Company seal)**

Place: Date:

**Subject:** SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)

**NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

**ANNEXURE – 5**

**DECLARATION BY AUTHORISED SIGNATORY OF BIDDER**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

-----

**To,**  
**Sr. Manager (MM)**  
**BHEL, HPVP Visakhapatnam- 530012**  
Dear Sir,

**Sub: Declaration by Authorised Signatory**

Ref:

- 1) Bid Specification No: .....
- 2) All other pertinent issues till date

I/We, hereby certify that all the information and data furnished by me with regard to the above Tender Specification are true and complete to the best of my knowledge. I have gone through the specifications, conditions, stipulations and all other pertinent issues till date, and agree to comply with the requirements and Intent of the specification.

I further certify that I am authorised to represent on behalf of my Company/Firm for the above-mentioned tender and a valid Power of Attorney to this effect is also enclosed.

Yours faithfully,

(Signature, Date & Seal of Authorized Signatory of the Bidder)

Date:

Enclosed: Power of Attorney

**Sub : SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)**

**NIT Enquiry No: H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026**

**Annexure-6**

**DECLARATION BY AUTHORISED SIGNATORY OF BIDDER**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

-----

**To,  
Sr. Manager (MM)  
BHEL, HPVP Visakhapatnam- 530012**

Dear Sir,

**Sub : Declaration by Authorised Signatory regarding Authenticity of submitted documents.**

Ref :

1. Bid No. & Date: .....
2. All other pertinent issues till date

I/We, hereby certify that all the documents submitted by us in support of possession of “Qualifying Requirements” are true copies of the original and are fully compliant required for qualifying / applying in the bid and shall produce the original of same as and when required by Bharat Heavy Electricals Limited.

I / We hereby further confirm that no tampering is done with documents submitted in support of our qualification as bidder. I / We understand that at any stage (during bidding process or while executing the awarded contract) if it is found that fake / false / forged bid qualifying / supporting documents / certificates were submitted, it would lead to summarily rejection of our bid / termination of contract. BHEL shall be at liberty to initiate other appropriate actions as per the terms of the Bid / Contract and other extant policies of Bharat Heavy Electricals Limited.

Yours faithfully,

**(Signature, Date & Seal of Authorized Signatory of the Bidder)**

**Date:**

**Subject:** SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)

**NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

**ANNEXURE- 7**

**NON-DISCLOSURE CERTIFICATE**

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

-----

I/We understand that BHEL **HPVP-Visakhapatnam** is committed to Information Security Management System as per their Information Security Policy.

Hence, I/We M/s .....  
.....

who are submitting offer for providing services to BHEL **HPVP Visakhapatnam** against Bid

No..... hereby undertake to comply with the following in line with Information Security Policy of **BHEL HPVP**.

1. To maintain confidentiality of documents & information which shall be used during the execution of the Contract.
2. The documents & information shall not be revealed to or shared with third party which shall not be in the business interest of BHEL **HPVP Visakhapatnam**.

**(Signature, date & seal of Authorized Signatory of the bidder)**

**Date:**

**INTEGRITY PACT**

**Between**

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi - 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART **and**

-----, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

**Preamble**

The Principal intends to award, under laid-down organizational procedures, contract/s for \_\_\_\_\_

\_\_\_\_. The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

**1. Section 1- Commitments of the Principal**

1.1. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

1.1.1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

1.1.2. The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/ additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

1.1.3. The Principal will exclude from the process all known prejudiced persons.

1.2. If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

**2. Section 2 - Commitments of the Bidder(s)/ Contractor(s)**

2.1. The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

- 2.1.1. The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he/ she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.
- 2.1.2. The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. 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.
- 2.1.3. The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant Indian Penal Code (IPC) and Prevention of Corruption Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- 2.1.4. Foreign Bidder(s)/ Contractor(s) shall disclose the name and address of agents and representatives in India and Indian Bidder(s)/ Contractor(s) to disclose their foreign principals or associates. The Bidder(s)/ Contractor(s) 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.
- 2.2. The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 2.3. Bidder(s)/ Contractor(s) shall not approach the Courts while representing the matters to IEMs and will await their decision in the matter.

### **3. Section 3 - Disqualification from tender process and exclusion from future contracts**

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors", framed by the Principal.

### **4. Section 4 - Compensation for Damages**

- 4.1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/ Bid Security.
- 4.2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/ Performance Bank Guarantee, whichever is higher.

### **5. Section 5 - Previous Transgression**

- 5.1. The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
- 5.2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

### **6. Section 6 - Equal treatment of all Bidders/ Contractors / Sub-contractors**

- 6.1. The Principal will enter into agreements with identical conditions as this one with all Bidders and

Contractors. In case of sub-contracting, the Principal contractor shall be responsible for the adoption of IP by his sub-contractors and shall continue to remain responsible for any default by his sub-contractors.

6.2. The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

#### **7. Section 7 - Criminal Charges against violating Bidders/ Contractors /Subcontractors**

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

#### **8. Section 8 -Independent External Monitor(s)**

8.1. The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

8.2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.

8.3. The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Subcontractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality in line with Non- disclosure agreement.

8.4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

8.5. The role of IEMs is advisory, would not be legally binding and it is restricted to resolving issues raised by an intending bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some bidders. At the same time, it must be understood that IEMs are not consultants to the Management. Their role is independent in nature and the advice once tendered would not be subject to review at the request of the organization.

8.6. For ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process, the matter should be examined by the full panel of IEMs jointly as far as possible, who would look into the records, conduct an investigation, and submit their joint recommendations to the Management.

8.7. The IEMs would examine all complaints received by them and give their recommendations/ views to CMD, BHEL, at the earliest. They may also send their report directly to the CVO and the Commission, in case of suspicion of serious irregularities requiring legal/ administrative action. IEMs will tender their advice on the complaints within 10 days as far as possible.

8.8. The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.

8.9. IEM should examine the process integrity; they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging mala fide on the part of any officer of the organization should be looked into by the CVO of the concerned organisation.

8.10. If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Indian Penal Code/ Prevention of Corruption Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

- 8.11. The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.
- 8.12. The word `Monitor' would include both singular and plural.

**9. Section 9 - Pact Duration**

- 9.1. This Pact shall be operative from the date IP is signed by both the parties till the final completion of contract for successful bidder and for all other bidders 6 months after the contract has been awarded. Issues like warranty / guarantee etc. should be outside the purview of IEMs.
- 9.2. If any claim is made/ lodged during currency of IP, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/ determined by the CMD, BHEL.

**10. Section 10 - Other Provisions**

- 10.1. This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.
- 10.2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- 10.3. If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 10.4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 10.5. Only those bidders / contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

-----  
For & On behalf of the Principal  
(Office Seal)  
Place----- Date-----

Witness:  
(Name & Address) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

-----  
For & On behalf of the Bidder/ Contractor  
(Office Seal)

Witness:  
(Name & Address) \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Subject:** SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)

**NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

**ANNEXURE – 9**

**DECLARATION CONFIRMING KNOWLEDGE ABOUT SITE CONDITIONS**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

-----  
**To,**  
**Sr. Manager (MM)**  
**BHEL, HPVP Visakhapatnam- 530012**

Dear Sir,

Sub: Declaration confirming knowledge about Site conditions Ref:

- 1) GeM Bid Specification No: .....
- 2) All other pertinent issues till date

I/We, \_\_\_\_\_ hereby declare and confirm that we have visited the Project Site as referred in BHEL Tender Specifications and acquired full knowledge and information about the Site conditions including Wage structure, Industrial Climate, the Law & Order and other conditions prevalent at and around the Site. We further confirm that the above information is true and correct and we shall not raise any claim of any nature due to lack of knowledge of Site conditions.

I/We, hereby offer to carry out work as detailed in above mentioned Tender Specification, in accordance with Terms & Conditions thereof.

Yours faithfully,

**(Signature, Date & Seal of Authorized Representative of the Bidder)**

Date:

Place:

DECLARATION

Date: \_\_\_\_\_

To,  
Sr. Manager (MM)  
BHEL, HPVP Visakhapatnam- 530012

Dear Sir/ Madam,

Sub: **Details of related firms and their area of activities**

Please find below details of firms owned by our family members that are doing business/ registered for same item with BHEL, \_\_\_\_\_ (NA, if not applicable)

1	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
2	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	

**Note: I certify that the above information is true and I agree for penal action from BHEL in case any of the above information furnished is found to be false.**

Regards,  
(\_\_\_\_\_)

From: M/s \_\_\_\_\_  
Supplier Code: \_\_\_\_\_ (if available)  
Address: \_\_\_\_\_

**Subject:** SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)

**NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

**ANNEXURE –11**

**DECLARATION FOR RELATION IN BHEL**

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder failing which the offer of Bidder is liable to be summarily rejected)

-----  
**To,**  
**Sr. Manager (MM)**  
**BHEL, HPVP Visakhapatnam- 530012**

Dear Sir,

**Sub: Declaration for relation in BHEL**

**Ref:** 1) GeM Bid Specification No: .....

I/We hereby submit the following information pertaining to relation/relatives of Proprietor/Partner(s)/ Director(s) employed in BHEL

**Tick (✓) any one as applicable:**

1. The Proprietor, Partner(s), Director(s) of our Company/Firm DO NOT have any relation or relatives employed in BHEL

**OR**

2. The Proprietor, Partner(s), or Director(s) of our Company/Firm HAVE relation/relatives employed in BHEL and their particulars are as below:

- i.
- ii.

**(Signature, Date & Seal of Authorized Signatory of the Bidder)**

Note:

- 1. Attach separate sheet, if necessary.
- 2. If BHEL Management comes to know at a later date that the information furnished by the Bidder is false, BHEL reserves the right to take suitable against the Bidder/Contractor.

**DECLARATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH  
REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017 DATED 04<sup>TH</sup> JUNE, 2020 AND  
SUBSEQUENT ORDER(S)**

(To be typed and submitted in the Letter Head of the Entity/Firm providing certificate as applicable)

-----  
To,  
**Sr. Manager (MM)**  
**BHEL, HPVP Visakhapatnam- 530012**

Dear Sir,

**Sub:** Declaration reg. minimum local content in line with Public Procurement (Preference to Make in India), Order 2017-Revision, dated 04<sup>th</sup> June, 2020 and subsequent order(s).

**Ref:**

- 1. Bid No: .....
- 2. All other pertinent issues till date

We hereby certify that the items/works/services offered by..... (*specify the name of the organization here*) has a local content of \_\_\_\_\_ % and this meets the local content requirement for **‘Class-I local supplier’ / ‘Class II local supplier’ \*\*** as defined in Public Procurement (Preference to Make in India), Order 2017Revision dated 04.06.2020 issued by DPIIT and subsequent order(s).

The details of the location(s) at which the local value addition is made are as follows:

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- ...

Thanking you,  
Yours faithfully,

**(Signature, Date & Seal of  
Authorized Signatory of the Bidder) \*\* -  
Strike out whichever is not applicable.**

**Note:**

- 1. Bidders to note that above format, duly filled & signed by authorized signatory, shall be submitted along with the techno-commercial offer.
- 2. In case the bidder’s quoted value is in excess of Rs. 10 crores, the authorized signatory for this declaration shall necessarily be the statutory auditor or cost auditor of the company (in the case of companies) or a practising cost accountant or practicing chartered accountant (in respect of suppliers other than companies).

**Subject:** SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)

**NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

3. In the event of false declaration, actions as per the above order and as per BHEL Guidelines shall be initiated against the bidder.

**ANNEXURE – 13**

**DECLARATION REGARDING COMPLIANCE TO RESTRICTIONS UNDER RULE 144 (xi) OF GFR 2017**

(To be typed and submitted in the Letter Head of the Entity/ Firm providing certificate as applicable)

-----  
To,  
**Sr. Manager (MM)**  
**BHEL, HPVP Visakhapatnam- 530012**

Dear Sir,

**Sub:** Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017

**Ref:**

1. Bid No:
2. All other pertinent issues till date

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 \_\_\_\_\_ (**SPECIFY THE NAME OF THE ORGANIZATION HERE**), is not from such a country/ has been registered with the Competent Authority (*attach valid registration by the Competent Authority, i.e., the Registration Committee constituted by the Dept. for Promotion of Industry and Internal Trade (DPIIT).*)

I hereby certify that we fulfil all requirements in this regard and is eligible to be considered. Thanking you,

Yours faithfully,  
**(Signature, Date & Seal of  
Authorized Signatory of the Bidder)**

**Note:** Bidders to note that in case above certification given by a bidder, whose bid is accepted, is found to be false, then this would be a ground for immediate termination and for taking further action in accordance with law and as per BHEL guidelines.

**BANK ACCOUNT DETAILS FOR E-PAYMENT**

(To be given on Letter head of the Company /Firm of Bidder, and **ENDORSED (SIGNED & STAMPED) BY THE BANK** to enable BHEL release payments through Electronic Fund Transfer (EFT/RTGS)

**ACCEPTANCE FOR ELECTRONIC FUND TRANSFER / RTGS / NEFT TRANSFER**

01	NAME & ADDRESS OF THE SUPPLIER / SUBCONTRACTOR	
02	VENDOR CODE ASSIGNED BY BHEL LTD	

**DETAILS OF BANK ACCOUNT**

03	NAME & ADDRESS OF THE BANK	
04	NAME OF THE BRANCH	
05	BRANCH CODE	
06	MICR CODE	
07	ACCOUNT NUMBER	
08	TYPE OF ACCOUNT	
09	BENEFICIERY'S NAME	
10	IFSC CODE OF THE BRANCH	
11	EMAIL ID	
12	TELEPHONE / MOBILE NUMBER	

**CERTIFICATE**

I / We here by agree to receive the payments due from M/s Bharat Heavy Electricals Ltd., by the National Electronic Fund Transfer / or RTGS Transfer mode by credit to my / our above-mentioned Bank account. I / We also agree that payments made to the above-mentioned account is a valid discharge of the liability of M/s Bharat Heavy Electricals Ltd. I / We also agree to bear the applicable Bank charges for the above mode of transfer. A copy of the cheque leaf/ cancelled cheque leaf of the above account is sent herewith.

(Authorized Signatories with name & seal)

**BANKER'S CERTIFICATION**

We confirm that we are enabled for receiving RTGS and NEFT credits and we further confirm that the account number of \_\_\_\_\_ (name of account holder), the signature of authorized signatory and the MICR and IFSC codes of our branch mentioned above are correct.

Place: \_\_\_\_\_ Bank Manager / Officer Date: \_\_\_\_\_  
Signature with Bank stamp and name seal

**FORWARDED TO ACCOUNTS DEPARTMENT / CASH SECTION**

We confirm the above details are verified with the records available with us.

Signature of BHEL Official with name & seal  
Operating the contract / Services

**ANNEXURE – 15**

**POWER OF ATTORNEY for SUBMISSION OF TENDER**

(To be typed on non-judicial stamp paper of minimum Rs. 100/- and Notarized)

-----  
KNOW ALL MEN BY THESE PRESENTS, that I/We do hereby make, nominate, constitute and appoint Mr. .... , whose signature given below herewith to be true and lawful Attorney of M/s..... hereinafter called 'Company', for submitting Tender/entering into Contract and inter alia, sign, execute all papers and to do necessary lawful acts on behalf of Company with M/s Bharat Heavy Electricals Ltd, HPVP in connection with.....vide Bid No: \_\_\_\_\_, dated \_\_\_\_\_.

And the Company do hereby agree to ratify and confirm all acts, deeds, things or proceedings as may be lawfully done by the said attorney and by or on behalf of the company and in the name of the company, by virtue of the powers conferred herein and the same shall be binding on the company and shall have full force and effect.

IN WITNESS WHEREOF, the common seal of the company has been hereunto affixed in the manner hereinafter appearing on the document.

Dated at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_

Director/CMD/Partner/Proprietor

Signature of Mr. .... (Attorney)

Attested by: Director/CMD/Partner/Proprietor

Witness

Notary Public

**PROFORMA OF BANK GUARANTEE FOR EARNEST MONEY**  
(On non-Judicial paper of appropriate value)

-----  
**Bank Guarantee No**.....

**Date**.....

**To**  
(Employer’s Name and Address)  
.....

Dear Sirs,

In accordance with the terms and conditions of Invitation for Bids/Notice Inviting Tender No.....<sup>1</sup>(Tender Conditions), M/s. .... having its registered office at .....<sup>2</sup> (hereinafter referred to as the 'Tenderer'), is submitting its bid for the work of.....<sup>3</sup> invited by .....(name of the Employer) through its Unit at .....

The Tender Conditions provide that the Tenderer shall pay a sum of Rs ..... as Earnest Money Deposit in the form therein mentioned. The form of payment of Earnest Money Deposit includes Bank Guarantee executed by a Scheduled Bank.

In lieu of the stipulations contained in the aforesaid Tender Conditions that an irrevocable and unconditional Bank Guarantee against Earnest Money Deposit for an amount of .....<sup>5</sup> ..... is required to be submitted by the Tenderer as a condition precedent for participation in the said Tender and the Tenderer having approached us for giving the said Guarantee,

We, the .....[Name & address of the Bank] ..... having our Registered Office at .....(hereinafter referred to as the Bank) being the Guarantor under this Guarantee, hereby irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer without any demur, merely on your first demand any sum or sums of Rs. ....<sup>5</sup> (in words Rupees.....) without any reservation, protest, and recourse and without the beneficiary needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Vendor/Contractor/Vendors in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment hereunder and the Tenderer shall have no claim against us for making such payment.

We ..... Bank further agree that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Tender or to extend the time of submission of from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Tenderer and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Tenderer or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said Tenderer or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Tenderer and notwithstanding any security or other guarantee that the Employer may have in relation to the Tenderer's liabilities.

This Guarantee shall be irrevocable and shall remain in force up to and including.....6 and shall be extended from time to time for such period as may be desired by the Employer.

This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Tenderer but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms hereof. However, unless a demand or claim under this Guarantee is made on us in writing on or before the ..... 7 we shall be discharged from all liabilities under this Guarantee.

This Bank Guarantee shall be governed, construed and interpreted in accordance with the laws of India.

Courts at **Visakhapatnam** shall alone have exclusive jurisdiction over any matter arising out of or in connection with this Bank Guarantee

We, ..... Bank lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing.

Notwithstanding anything to the contrary contained hereinabove:

- a. The liability of the Bank under this Guarantee shall not exceed.....5.....
- b. This Guarantee shall be valid up to .....6
- c. Unless the Bank is served a written claim or demand on or before \_\_\_\_\_ 7 all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank

We, \_\_\_\_\_ Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of  
(Name of the Bank)

Date.....

Place of Issue.....

*1 Details of the Invitation to Bid/Notice Inviting Tender*

*2 Name and Address of the Tenderer*

*3 Details of the Work*

*4 Name of the Employer*

*5 BG Amount in words and Figures*

*6 Validity Date*

*7 Date of Expiry of Claim Period*

**Notes:**

- a) Expiry of claim period may be kept 12 months after the Guarantee period.
- b) The BG should be on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the BG is submitted or is to be acted upon or the rate prevailing in the State where the BG was executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Vendor/Contractor/Supplier /Bank issuing the guarantee.
- c) **In Case of Bank Guarantees submitted by Foreign Vendors-**
  - a. **From Nationalized/Public Sector / Private Sector/ Foreign Banks (BG issued by Branches in India)** shall be accepted subject to the condition that the Bank Guarantee should be enforceable in the town/city or at nearest branch where the Unit is located(Visakhapatnam) i.e. Demand can be presented at the Branch located in the town/city or at nearest branch where the Unit is located.
  - b. **From Foreign Banks (wherein Foreign Vendors intend to provide BG from local branch of the Vendor country's Bank)**
    - i. Only Bank Guarantee issued by **any of the Consortium Banks only** will be accepted by BHEL. As such, Foreign Vendor needs to make necessary arrangements for issuance of Counter-Guarantee by Foreign Bank in favour of the Indian Bank's (BHEL's Consortium Bank) branch in India. All charges for issuance of Bank Guarantee/ counter- Guarantee shall be borne by the Foreign Vendor.
    - ii. **In case, Foreign Vendors intend to provide BG from Overseas Branch of our Consortium Bank** (e.g. if a BG is to be issued by SBI Frankfurt), the same is acceptable. However, the procedure at **sl.no. b(i) shall be** required to be followed. The BG issued may preferably be subject to Uniform Rules for Demand Guarantees (URDG) 758 (as amended from time to time). The BG Format provided to them should clearly specify the same. iii. The BG issued may preferably be subject to Uniform Rules for Demand Guarantees (URDG) 758 (as amended from time to time).

ANNEXURE – 17

**BANK GUARANTEE FOR PERFORMANCE SECURITY**  
(On non-Judicial paper of appropriate value)

---

Bank Guarantee No:

Date:

To  
NAME  
& ADDRESSES OF THE BENEFICIARY

Dear Sirs,

In consideration of Bharat Heavy Electricals Limited (hereinafter referred to as the 'Employer' which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns) incorporated under the Companies Act, 1956 and having its registered office at \_\_\_\_\_<sup>1</sup> through its Unit at.....(name of the Unit) having awarded to ( Name of the Vendor / Contractor / Supplier) with its registered office at \_\_\_\_\_<sup>2</sup> hereinafter referred to as the ' Vendor / Contractor / Supplier ', which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns), a contract Ref No.....dated .....<sup>3</sup> valued at Rs.....<sup>4</sup> (Rupees -----) / FC.....(in words.....) for .....<sup>5</sup> (hereinafter called the 'Contract') and the Vendor / Contractor / Supplier having agreed to provide a Contract Performance Bank Guarantee, equivalent to .....% (.... Percent) of the said value of the Contract to the Employer for the faithful performance of the Contract,

We, ....., (hereinafter referred to as the Bank), having registered/Head office at ..... and inter alia a branch at ..... being the Guarantor under this Guarantee, hereby, irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer any sum or sums upto a maximum amount of Rs -----<sup>6</sup> ( Rupees -----) without any demur, immediately on first demand from the Employer and without any reservation, protest, and recourse and without the Employer needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Vendor / Contractor / Supplier in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal. The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment thereunder and the Vendor / Contractor / Supplier shall have no claim against us for making such payment.

We the .....bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract/ satisfactory completion of the performance guarantee period as per the terms of the Contract and that it shall continue to be enforceable till all the dues of the Employer under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged.

We .....BANK further agree with the Employer that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract or to extend time of performance by the said Vendor / Contractor / Supplier from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Vendor / Contractor / Supplier and to forbear or enforce any of the terms and conditions relating to the said Contract and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Vendor / Contractor / Supplier or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said Vendor / Contractor / Supplier or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Vendor / Contractor / Supplier and notwithstanding any security or other guarantee that the Employer may have in relation to the Vendor /Contractor / Supplier 's liabilities.

This Guarantee shall remain in force upto and including..... 7 and shall be extended from time to time for such period as may be desired by Employer.

This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Vendor / Contractor / Supplier but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms thereof.

Unless a demand or claim under this guarantee is made on us in writing on or before the .....8 we shall be discharged from all liabilities under this guarantee thereafter.

This Bank Guarantee shall be governed, construed and interpreted in accordance with the laws of India. Courts at ..... **Visakhapatnam** ..... shall alone have exclusive jurisdiction over any matter arising out of or in connection with this Bank Guarantee

We, ..... BANK lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing.

Notwithstanding anything to the contrary contained hereinabove:

- a. The liability of the Bank under this Guarantee shall not exceed.....<sup>6</sup>
- b. This Guarantee shall be valid up to .....<sup>7</sup>

c. Unless the Bank is served a written claim or demand on or before \_\_\_\_\_<sup>8</sup> all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank.

We, \_\_\_\_\_ Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of  
(Name of the Bank)

Dated.....

Place of Issue.....

1 NAME AND ADDRESS OF EMPLOYER i.e., Bharat Heavy Electricals Limited 2  
NAME AND ADDRESS OF THE VENDOR /CONTRACTOR / SUPPLIER.  
3 DETAILS ABOUT THE NOTICE OF AWARD/CONTRACT REFERENCE  
4 CONTRACT VALUE  
5 PROJECT/SUPPLY DETAILS  
6 BG AMOUNT IN FIGURES AND WORDS  
7 VALIDITY DATE  
8 DATE OF EXPIRY OF CLAIM PERIOD

**Note:**

- d) Expiry of claim period may be kept 12 months after the Guarantee period.
- e) The BG should be on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the BG is submitted or is to be acted upon or the rate prevailing in the State where the BG was executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Vendor/Contractor/Supplier /Bank issuing the guarantee.
- f) **In Case of Bank Guarantees submitted by Foreign Vendors-**
  - a. **From Nationalized/Public Sector / Private Sector/ Foreign Banks (BG issued by Branches in India)** shall be accepted subject to the condition that the Bank Guarantee should be enforceable in the town/city or at nearest branch where the Unit is located(Visakhapatnam) i.e. Demand can be presented at the Branch located in the town/city or at nearest branch where the Unit is located.
  - b. **From Foreign Banks (wherein Foreign Vendors intend to provide BG from local branch of the Vendor country's Bank)**
    - i. Only Bank Guarantee issued by **any of the Consortium Banks only** will be accepted by BHEL. As such, Foreign Vendor needs to make necessary arrangements for issuance of Counter-Guarantee by Foreign Bank in favour of the Indian Bank's (BHEL's Consortium Bank) branch

**Sub :** SUPPLY OF CLAD PLATE TO MATL. SPECN SA264(SA203GR.E+SS304L)

**NIT Enquiry No:** H072600008 DT 02.04.2026 NIC BID NO 2026\_BHEL\_59542 DTD 02.04.2026

in India. All charges for issuance of Bank Guarantee/ counter- Guarantee shall be borne by the Foreign Vendor.

- ii. **In case, Foreign Vendors intend to provide BG from** Overseas Branch of our Consortium Bank (e.g. if a BG is to be issued by SBI Frankfurt), the same is acceptable. However, the procedure at **sl.no. b(i) shall be** required to be followed.
- iii. The BG issued may preferably be subject to Uniform Rules for Demand Guarantees (URDG) 758 (as amended from time to time).

**ANNEXURE – 18**

**LIST OF CONSORTIUM BANK AS ON 29.08.2025.**

-----

<b>Sl. No.</b>	<b>NAME OF THE BANK</b>
1.	State Bank of India
2.	Canara Bank
3.	IDBI Bank Limited
4.	ICICI Bank Limited
5.	HDFC Bank Limited
6.	Axis Bank
7.	IndusInd Bank Limited
8.	Bank of Baroda
9.	Exim Bank
10.	Indian Bank
11.	Punjab National Bank
12.	Union Bank of India
13.	Yes Bank Limited
14.	RBL Bank Ltd.
15.	Indian Overseas Bank
16.	Kotak Mahindra Bank Limited
17.	Federal Bank Limited
18.	Hongkong and Shanghai Banking Corporation Ltd

# SPECIFICATION FOR STAINLESS CHROMIUM-NICKEL STEEL-CLAD PLATE



SA-264



(Identical with ASTM Specification A264-12(2019).)

# Standard Specification for Stainless Chromium-Nickel Steel-Clad Plate

## 1. Scope

1.1 This specification covers plate of a carbon steel or low-alloy steel base to which is integrally and continuously bonded on one or both sides a layer of stainless chromium-nickel steel. The material is generally intended for pressure vessel use.

1.2 The values stated in inch-pound units are to be regarded as standard. The values given in parentheses are mathematical conversions to SI units that are provided for information only and are not considered standard.

## 2. Referenced Documents

### 2.1 ASTM Standards:

- A6/A6M Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling
- A20/A20M Specification for General Requirements for Steel Plates for Pressure Vessels
- A240/A240M Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
- A370 Test Methods and Definitions for Mechanical Testing of Steel Products
- A480/A480M Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip
- A578/A578M Specification for Straight-Beam Ultrasonic Examination of Rolled Steel Plates for Special Applications
- A751 Test Methods, Practices, and Terminology for Chemical Analysis of Steel Products

### 2.2 Other Standards:

ASME Code Boiler and Pressure Vessel Code, Section IX, Welding Qualifications

## 3. Terminology

### 3.1 Definitions of Terms Specific to This Standard:

3.1.1 This material is considered as single-clad or double-clad corrosion-resisting chromium-nickel steel plate, depending on whether one or both sides are covered.

3.1.2 *alloy cladding*—the stainless chromium-nickel steel component of the composite plate.

3.1.3 *base metal (backing steel)*—component to which the alloy cladding is applied, usually the greater percentage of the composite plate and usually consisting of carbon or low-alloy steel.

3.1.4 *integrally and continuously bonded*—the process by which the alloy cladding and base metal are brought together to form a metallurgical bond at essentially the entire interface of the two metals by means other than those processes that do not produce a homogeneous composite plate.

## 4. Ordering Information

4.1 It is the responsibility of the purchaser to specify all requirements that are necessary for material ordered under this specification. Such requirements may include, but are not limited to, the following:

4.1.1 Quantity (weight or number of pieces).

4.1.2 Cladding alloy specification, (UNS or ASTM Specification A240/A240M and whether cladding is for corrosion allowance only),

4.1.3 Base metal specification.

4.1.4 Bond integrity Class (1, 3, or 5).

4.1.5 Dimensions including the minimum or nominal thickness of the cladding alloy, and the backing steel, or of the total composite plate and if more or less restrictive thickness tolerances apply.

4.1.6 Product analysis, if required (see Section 10). Specify whether applicable to the cladding alloy, backing steel or both.

- 4.1.7 Mechanical properties, including shear test if required.
- 4.1.8 Finish (see Section 12).
- 4.1.9 Restrictions, if required, on repair by welding (see Section 14).
- 4.1.10 Additions to the specification or special requirements such as any applicable construction code rules.
- 4.1.11 Corrosion testing if applicable.
- 4.1.12 Notification when the cladding alloy is to be used for inclusion in the design strength calculations for an applicable construction code.

NOTE 1—Construction codes may dictate certain fabrication requirements when the cladding is used in the design calculations that may be different than if the cladding is used for corrosion resistance only. This may be particularly important when the alloy cladding involves the use of welded components in the explosion bonded clad manufacturing process. It is incumbent on the purchaser to make the clad manufacturer aware of any such restrictions or applications at time of order.

4.2 In addition to the basic requirements of this specification and the backing steel specification, certain supplementary requirements are available when additional control, testing, or examination is required to meet end use requirements. The purchaser is referred to the listed supplementary requirements in this specification and to the detailed requirements in Specification A20/A20M.

4.3 If the requirements of this specification are in conflict with the requirements of Specification A20/A20M, the requirements of this specification shall prevail.

4.4 Special tests.

## 5. Materials and Manufacture

### 5.1 Process:

5.1.1 The steel shall be made by the open-hearth, electric-furnace, or basic-oxygen processes, or by secondary processes whereby steel made from these primary processes is remelted using, but not limited to electroslag remelting or vacuum-arc remelting processes.

5.1.2 The alloy-cladding metal may be metallurgically bonded to the base metal by any method that will produce a clad steel that will conform to the requirements of this specification.

5.1.3 For explosively bonded products, the alloy cladding metal may be comprised of two or more separate alloy plates or sheets completely welded together to form a single fabricated component.

### 5.2 Heat Treatment:

5.2.1 Unless otherwise specified or agreed upon between the purchaser and the manufacturer, all austenitic stainless steel clad plates shall be given a heat treatment consisting of heating to the proper temperature for the solution of the chromium carbides in the cladding followed by individual air cooling. For base metals of air-hardening low-alloy steels the above heat treatment shall be followed by a tempering treatment. In the case of clad plate manufactured without hot rolling, the base metal and alloy cladding components may be heat treated separately as appropriate prior to bonding.

5.2.2 Duplex stainless steel clad plates shall be provided in a heat treated condition as agreed upon between the purchaser and the manufacturer.

5.2.3 When plates are to be cold formed, or when otherwise required by the base metal specification, the purchaser may specify that such plates, following solution annealing, be heat treated for grain refinement of the base metal by normalizing and either air cooled or water quenched as appropriate.

## 6. Chemical Composition

6.1 The composite plate may conform to any desired combination of alloy-cladding metal and base metal as described in 6.2 and 6.3 and as agreed upon between the purchaser and the manufacturer.

6.2 *Alloy Cladding Metal*—The alloy-cladding metal specified shall conform to the requirements as to chemical composition prescribed for the respective chromium-nickel or duplex steel in Specification A240/A240M.

6.3 *Base Metal*—The base metal shall be carbon steel or low-alloy steel conforming to the ASTM specifications for steel for pressure vessels, or other, as agreed by the purchaser and the manufacturer. The base metal shall conform to the chemical requirements of the specification to which it is ordered.

## 7. Mechanical Properties

### 7.1 Tensile Requirements:

7.1.1 The tensile properties shall be determined by a tension test of the composite plate for clad plates that meet all of the following conditions.

(1) The composite gage is less than or equal to 1½ in. (38 mm).

(2) The specified minimum tensile strength of the base steel is less than or equal to 70 000 psi (485 MPa)

(3) The specified minimum yield strength of the base steel is less than or equal to 40 000 psi (275 MPa).

(4) The tensile properties thus determined shall be not less than the minimum and not more than 5000 psi (35 MPa) over the maximum prescribed in the specification for the base steel used. All other tensile test requirements of the specification for the base steel shall be met.

7.1.2 The tensile properties shall be determined by a tension test of the base steel only for clad plates that meet one of the following conditions. The properties thus determined shall meet all of the tensile test requirements for the base steel.

(1) The composite gage is greater than 1½ in. (38 mm).

(2) The specified minimum tensile strength of the base steel is greater than 70 000 psi (485 MPa).

(3) The specified minimum yield strength of the base steel is greater than 40 000 psi (275 MPa).

7.1.3 If the cladding is for corrosion allowance only, the cladding need not be included in the tensile test. The tensile properties thus determined shall meet the base steel requirements.

7.2 Tests for strength of the bond, when required, must be specified by the purchaser and shall consist of one of the following.

7.2.1 *Shear Strength*—When required by the purchaser, the minimum shear strength of the alloy cladding and base metals shall be 20 000 psi (140 MPa). The shear test, when specified, shall be made in the manner indicated in Fig. 1. The minimum

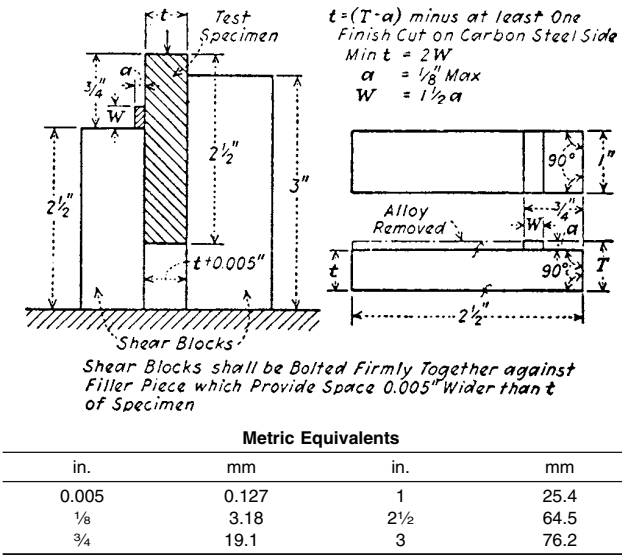
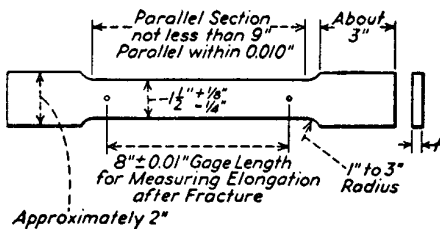


FIG. 1 Test Specimen and Method of Making Shear Test of Clad Plate

cladding thickness for shear testing shall be 0.075 in. (1.9 mm), exclusive as ordered. Testing for shear strength for clad plates with minimum cladding thickness of 0.075 in. (1.9 mm) or less shall be permitted upon agreement between the purchaser and the manufacturer.

7.2.2 *Bond Strength*—As an alternative to the shear strength test provided in 7.2.1, or when agreed upon by the purchaser and the manufacturer, or both, three bend tests shall be made with the alloy cladding in compression to determine the quality of the bond. These bend tests shall be made in the manner of the tension tests indicated in Fig. 2 and shall be bent through an angle of 180° to the bend diameters provided for in either



Metric Equivalents			
in.	mm	in.	mm
0.01	0.254	1 1/2	38.1
1/8	3.17	2	50.8
1/4	6.35	3	76.2
1	25.4	8	203.2

NOTE 1—When necessary, it is permissible to use a narrower specimen, but in such a case the reduced portion shall be not less than 1 in. in width.

NOTE 2—Punch marks for measuring elongation after fracture shall be made on the flat or on the edge of the specimen and within the parallel section; either a set of nine punch marks 1 in. apart, or one or more sets of 8-in. punch marks may be used.

NOTE 3—The dimension *t* is the thickness of the test specimen as provided for in the applicable material specifications.

FIG. 2 Standard Rectangular Tension Test Specimen with 8-in. Gage Length

Specification A6/A6M or Specification A20/A20M, Appendix X4 or equivalent, as applicable. At least two of the three tests shall show not more than 50 % separation on both edges of the bent portion. Greater separation shall be cause for rejection.

7.3 Methods and practices relating to mechanical testing required by this specification shall be in accordance with the Test Methods and Definitions of A370.

8. Number of Tests and Retests

8.1 One or more tension tests, as required by the specifications for the base metal and when specified, one shear test or three bond bend tests shall be made, representing each plate as rolled. Each specimen shall be in the final condition of heat treatment required for the plate, including any SPWHT if required.

8.2 If any test specimen shows defective machining or develops flaws, it may be discarded and another specimen substituted.

9. Test Specimens

9.1 The tension test specimens from plate shall conform to the requirements prescribed in the specifications for the base metal.

9.2 Bend test specimens for the alternative bond strength tests, shall be taken at right angles to its longitudinal axis.

9.3 When required by the purchaser, the shear test specimen should be taken near a top or bottom corner of the plate as rolled, parallel to its longitudinal axis, or other location that is representative of the final product.

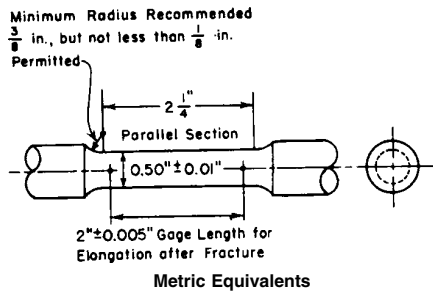
9.4 For plates 1 1/2 in. (38 mm) and under in thickness, tension test specimens shall be the full thickness of the material, except as specified in 7.1.2 and 7.1.3.

9.5 For plates over 1 1/2 in. (38 mm) in thickness, tension tests shall be of the form shown in Fig. 3 and shall be of all base steel conforming to the requirements of the specification for the base steel.

9.6 The bend test specimen used for bond strength determination shall be 1 1/2 in. (38 mm) wide by not more than 3/4 in. (19 mm) in thickness and shall be machined to the form and dimensions shown in Fig. 2, or may be machined with both edges parallel. In reducing the thickness of the specimen, both the alloy cladding and the base steel shall be machined so as to maintain the same ratio of clad metal to base steel as is maintained in the plate, except that the thickness of the clad metal need not be reduced below 1/8 in. (3.1 mm). The sides of the bend test specimen used for bond strength determination may have the corners rounded to a radius not over 1/16 in. (1.6 mm) for plates, 2 in. (50 mm) and under in thickness, and not over 1/8 in. (3.1 mm) for plates over 2 in. (50 mm) in thickness.

10. Product Analysis

10.1 Product analysis may be required for the cladding alloy on finished product. Chemical analysis may be accomplished by wet chemical or instrumental procedures. If wet chemical procedures are used, millings may be taken only when the composite plate thickness is sufficient to permit obtaining



NOTE 1—The gage length and fillets shall be as shown, but the ends may be of any shape to fit the holders of the testing machine in such a way that the load shall be axial. The reduced section shall be a gradual taper from the ends toward the center, with the ends 0.003 to 0.005 in. larger in diameter than the center.

**FIG. 3 Standard Round Tension Test Specimen with 2-in. Gage Length**

millings without danger of contamination from the adjacent layer. If spectrometric procedures are used, the sample shall be exposed on the center line of the cladding when there is sufficient cladding thickness available so that there is no contamination from the adjacent base metal.

10.2 If product analysis is specified by the purchaser for the cladding alloy, it shall be made on a sample taken from the finished product or a broken test specimen. For wet chemical analysis, in order to avoid contamination by the base plate metal, millings of cladding samples shall be taken from the test coupon by removal and discard of all the base metal plus 40 % of the cladding thickness from the bonded side, not to exceed  $\frac{1}{16}$  in. (1.6 mm). The material shall be cleaned and sufficient millings taken to represent the full cross-section of the remainder. If there is insufficient cladding thickness available to spectrographically expose on the center line of the cladding without contamination, 50 % of the cladding shall be removed and the sample exposed on this surface.

10.3 The results of the product analysis shall conform to the requirements of Section 7 of Specification A480/A480M.

10.4 Methods and practices relating to chemical analysis required by this specification shall be in accordance with the Test Methods, Practices, and Definitions of A751.

10.5 Results of the product analysis for the backing steel when required shall conform to the requirements of Section 7 of Specification A20/A20M.

## 11. Permissible Variations

11.1 Permissible variations except for thickness shall be in accordance with Specification A20/A20M.

11.2 Minimum thickness of the alloy cladding metal and of the backing steel, or of the total composite plate shall be as required by purchase order documents when ordered to minimum thicknesses.

11.3 Permissible variation in thickness when ordered to nominal thicknesses shall be 0.01 in. (0.3 mm) under each for backing steel or total composite, and 0.03 in. (0.8 mm) under for the alloy cladding.

11.4 Permissible variations for excess thickness of the total composite shall be the greater of 0.125 in. (3 mm) or 10 % of the total composite thickness ordered and may occur in either backing steel, cladding, or both, provided the minimum for each is met.

11.5 More restrictive or less restrictive permissible variations may be agreed upon by the purchaser and the manufacturer.

## 12. Workmanship, Finish, and Appearance

12.1 The material shall be free of injurious defects, shall have a workmanlike appearance, and shall conform to the designated finish.

12.2 Plate alloy surfaces shall be blasted (descaled by means of sand or stainless grit, shot, or wire), pickled, blast-cleaned and pickled, or 100 % conditioned.

## 13. Bond Quality

13.1 The cladding metal shall be integrally and continuously bonded to the base metal.

### 13.2 Inspection:

13.2.1 Clad plates less than  $\frac{3}{8}$  in. (10 mm) total minimum composite thickness shall be visually inspected for bond integrity prior to shipment.

13.2.2 Clad plates  $\frac{3}{8}$  in. (10 mm) and thicker total minimum composite thickness, and when specified by the purchaser, clad plates less than  $\frac{3}{8}$  in. (10 mm) total minimum composite thickness, shall be ultrasonically inspected for bond integrity prior to shipment in accordance with the Procedures and Methods of Specification A578/A578M.

13.2.3 Areas of non-bond detected visually shall be explored ultrasonically to determine the extent of the condition in accordance with 13.2.2. For purposes of defining non-bond, the cladding shall be interpreted to be unbonded when there is complete loss of back reflection accompanied by an echo indication from the plane of the interface of the clad and backing steel. Areas within 1 in. (25 mm) of a cut edge on the plate that contain indications exceeding 50 % of the back reflection at the bond interface shall be considered to be unbonded.

13.2.4 Extent of ultrasonic examination shall be at the discretion of the manufacturer and sufficient enough to provide the quality level required by the purchaser. Plates may be ordered with 100 % coverage (Supplementary Requirement S12).

### 13.3 Quality Levels:

13.3.1 *Class 1*—No single unbonded area exceeding 1 in. (25 mm) in its longest dimension with total unbonded area not to exceed 1 % of the total clad surface area.

13.3.2 *Class 3*—No single unbonded area exceeding 3 in. (75 mm) in its longest dimension with total unbonded area not to exceed 3 % of the total clad surface area.

13.3.3 *Class 5*—No single unbonded area exceeding 9 in.<sup>2</sup> (58 cm<sup>2</sup>) with total unbonded area not to exceed 5 % of the total clad surface area.

13.3.4 The class to be supplied should be listed on the purchase order. When none has been specified, plates shall be furnished as Class 5 at the option of the manufacturer.

#### 14. Welding

14.1 All welding which is part of the delivered product, including any made in the fabrication of the cladding alloy component, shall be performed with a procedure and welders or welding operators that are qualified in accordance with Section IX of the ASME Code.

14.2 The material manufacturer may repair defects in cladding by welding provided the following requirements are met:

14.2.1 When specified in the purchase order, prior approval shall be obtained from the purchaser.

14.2.2 The defective area shall be removed and the area prepared for repair shall be examined by a liquid penetrant method to ensure that all of the defective area has been removed. Method of test and acceptance standard shall be as agreed upon between the purchaser and the manufacturer.

14.2.3 The repair weld shall be deposited in accordance with a welding procedure and welding materials suitable for the cladding material. The surface condition of the repaired area shall be restored to a condition similar to the rest of the cladding.

14.2.4 The repaired area shall be examined by a liquid penetrant method.

14.2.5 The location and extent of the weld repairs together with the repair procedure and examination results shall be transmitted as a part of the certification.

#### 15. General Requirements for Delivery

15.1 Material furnished under this specification shall conform to the applicable requirements of Specification A20/A20M.

#### 16. Certification

16.1 The chemical analysis of the base metal and the alloy cladding shall be certified to the purchaser by the clad plate manufacturer.

16.2 The results of the tests in Section 7 and any other tests required by the purchase order shall be reported to the purchaser.

16.3 Compliance with the clad quality level of 13.3 shall be certified. Reports shall include the results of ultrasonic inspection when Supplementary Requirement S12 is specified.

16.4 Compliance with any applicable construction code shall be certified and the appropriate documentation provided when appropriate in the case of explosively bonded clad produced using welded alloy cladding components (see 4.1.10 and 4.1.12).

#### 17. Product Marking

17.1 Except as specified in 17.2, plates shall be marked in accordance with the requirements of Specification A20/A20M for the backing steel and the type number of the alloy cladding metal and this specification number.

17.2 For double-clad material or for material under ¼ in. (6.35 mm) in thickness, the marking specified in 17.1 shall be legibly stenciled instead of stamped.

#### 18. Keywords

18.1 alloy cladding; backing steel; bond strength; carbon steel; clad steel plate; low-alloy steel; pressure vessel; shear strength; stainless chromium-nickel steel

### SUPPLEMENTARY REQUIREMENTS

Supplementary requirements shall not apply unless specified on the order. A list of standardized supplementary requirements for use at the option of the purchaser are included in Specification A20/A20M. Several of those considered suitable for use with this specification are listed below by title. Other tests may be performed by agreement between the supplier and the purchaser.

#### S2. Product Analysis

#### S3. Simulated Post-Weld Heat Treatment of Mechanical Test Coupons

#### S5. Charpy V-Notch Impact Test

#### S12. Ultrasonic Examination in accordance with Specification A578/A578M

# SPECIFICATION FOR PRESSURE VESSEL PLATES, ALLOY STEEL, NICKEL



SA-203/SA-203M



(Identical with ASTM Specification A203/A203M-17.)

# Standard Specification for Pressure Vessel Plates, Alloy Steel, Nickel

## 1. Scope

1.1 This specification covers nickel-alloy steel plates intended primarily for welded pressure vessels.

1.2 Plates under this specification are available with four strength levels and two nickel compositions as follows:

Grade	Nominal Nickel Content %	Yield Strength, min, ksi [MPa]	Tensile Strength, min, ksi [MPa]
A	2.25	37 [255]	65 [450]
B	2.25	40 [275]	70 [485]
D	3.50	37 [255]	65 [450]
E	3.50	40 [275]	70 [485]
F	3.50		
	2 in. [50 mm] and under	55 [380]	80 [550]
	Over 2 in. [50 mm]	50 [345]	75 [515]

1.3 The maximum thickness of plates is limited only by the capacity of the composition to meet the specified mechanical property requirements.

1.4 The values stated in either inch-pound units or SI units are to be regarded separately as standard. Within the text, the SI units are shown in brackets. The values stated in each system are not exact equivalents. Therefore, each system must be used independently of the other. Combining values from the two systems may result in nonconformance with this specification.

1.5 *This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.*

## 2. Referenced Documents

### 2.1 ASTM Standards:

- A20/A20M Specification for General Requirements for Steel Plates for Pressure Vessels
- A435/A435M Specification for Straight-Beam Ultrasonic Examination of Steel Plates
- A577/A577M Specification for Ultrasonic Angle-Beam Examination of Steel Plates
- A578/A578M Specification for Straight-Beam Ultrasonic Examination of Rolled Steel Plates for Special Applications

## 3. General Requirements and Ordering Information

3.1 Material supplied to this material specification shall conform to Specification A20/A20M. These requirements outline the testing and retesting methods and procedures, permitted variations in dimensions, and mass, quality and repair of defects, marking, loading, and ordering information.

3.2 In addition to the basic requirements of this specification, certain supplementary requirements are available when additional control, testing, or examination is required to meet end use requirements. The purchaser is referred to the listed supplementary requirements in this specification and to the detailed requirements in Specification A20/A20M.

3.3 If the requirements of this specification are in conflict with the requirements of Specification A20/A20M, the requirements of this specification shall prevail.

## 4. Materials and Manufacture

4.1 *Steelmaking Practice*—The steel shall be killed and shall conform to the fine grain size requirement of Specification A20/A20M.

## 5. Heat Treatment

5.1 All plates shall be thermally treated as follows:

TABLE 1 Chemical Requirements

Elements	Composition, %			
	Grade A	Grade B	Grade D	Grades E and F
Carbon, max: <sup>A</sup>				
Up to 2 in. [50 mm] in thickness	0.17	0.21	0.17	0.20
Over 2 in. to 4 in. [100 mm] incl. in thickness	0.20	0.24	0.20	0.23
Over 4 in. [100 mm] in thickness	0.23	0.25	...	...
Manganese, max:				
Heat analysis:				
2 in. [50 mm] and under	0.70	0.70	0.70	0.70
Over 2 in. [50 mm]	0.80	0.80	0.80	0.80
Product analysis:				
2 in. [50 mm] and under	0.78	0.78	0.78	0.78
Over 2 in. [50 mm]	0.88	0.88	0.88	0.88
Phosphorus, max <sup>A</sup>	0.025	0.025	0.025	0.025
Sulfur, max <sup>A</sup>	0.025	0.025	0.025	0.025
Silicon:				
Heat analysis	0.15–0.40	0.15–0.40	0.15–0.40	0.15–0.40
Product analysis	0.13–0.45	0.13–0.45	0.13–0.45	0.13–0.45
Nickel:				
Heat analysis	2.10–2.50	2.10–2.50	3.25–3.75	3.25–3.75
Product analysis	2.03–2.57	2.03–2.57	3.18–3.82	3.18–3.82

<sup>A</sup> Applies to both heat and product analyses.

TABLE 2 Tensile Requirements

	Grades A and D		Grades B and E		Grade F	
	ksi	[MPa]	ksi	[MPa]	ksi	[MPa]
Tensile strength						
2 in. [50 mm] and under	65–85	[450–585]	70–90	[485–620]	80–100	[550–690]
Over 2 in. [50 mm]	65–85	[450–585]	70–90	[485–620]	75–95	[515–655]
Yield strength, min						
2 in. [50 mm] and under	37	[255]	40	[275]	55	[380]
Over 2 in. [50 mm]	37	[255]	40	[275]	50	[345]
Elongation in 8 in. [200 mm] min, % <sup>A</sup>		19		17		...
Elongation in 2 in. [50 mm] min, % <sup>A,B</sup>		23		21		20

<sup>A</sup> See Specification A20/A20M for elongation adjustments.

<sup>B</sup> See 7.1.1.

5.1.1 All plates of Grades A, B, D, and E shall be normalized except as permitted by 5.1.1.1.

5.1.1.1 If approved by the purchaser for Grades A, B, D, and E, cooling rates faster than air cooling are permissible for improvement of the toughness, provided the plates are subsequently tempered at not less than 1100°F [595°C] for not less than ½ h.

5.1.2 All plates of Grade F shall be heat treated by heating into the austenitic range, quenching in water, and tempering at not less than 1100°F [595°C] for not less than ½ h.

## 6. Chemical Composition

6.1 The steel shall conform to the chemical requirements shown in Table 1 unless otherwise modified in accordance with Supplementary Requirement S17, Vacuum Carbon-Deoxidized Steel, in Specification A20/A20M.

## 7. Mechanical Properties

7.1 *Tension Test Requirements*—The material as represented by the tension test specimens shall conform to the requirements shown in Table 2.

7.1.1 For plates that have been heat treated in accordance with 5.1.1.1 or 5.1.2 and have a nominal thickness of ¾ in. [20 mm] and under, the 1½-in. (40-mm) wide rectangular specimen may be used for the tension test, and the elongation may be determined in a 2-in. [50-mm] gage length that includes the fracture and that shows the greatest elongation. When this specimen is used, the elongation shall be not less than 23 %.

### 7.2 Impact Test Requirements:

7.2.1 Plates of Grades A, B, D, and E that have been heat treated in accordance with 5.1.1.1 shall be Charpy V-notch impact tested. The impact test shall meet 20 ft · lbf [27 J]. The test temperature and orientation shall be a matter of agreement between the purchaser and supplier.

7.2.2 Grade F plates shall be impact tested in accordance with Supplementary Requirement S5 in Specification A20/A20M.

## 8. Keywords

8.1 alloy steel plate; nickel alloy steel; pressure containing parts; pressure vessel steels; steel plates; steel plates for pressure vessel applications

**SUPPLEMENTARY REQUIREMENTS**

Supplementary requirements shall not apply unless specified in the order.

A list of standardized supplementary requirements for use at the option of the purchaser are included in Specification A20/A20M. Those which are considered suitable for use with this specification are listed below by title.

- |  |  |
|--|--|
| S1. Vacuum Treatment,  | S8. Ultrasonic Examination in accordance with Specification A435/A435M,      |
| S2. Product Analysis,  | S9. Magnetic Particle Examination,   |
| S3. Simulated Post-Weld Heat Treatment of Mechanical Test Coupons,           | S11. Ultrasonic Examination in accordance with Specification A577/A577M,     |
| S4.1 Additional Tension Test,  | S12. Ultrasonic Examination in accordance with Specification A578/A578M, and |
| S5. Charpy V-Notch Impact Test,  | S17. Vacuum Carbon-Deoxidized Steel.   |
| S6. Drop Weight Test (for Material 0.625 in. [16 mm] and over in Thickness), |  |
| S7. High-Temperature Tension Test,   |  |