

BHARAT HEAVY ELECTRICALS LIMITED
HEEP HARIDWAR INDIA-PIN 249403
FAX NO: 0091 1334 226462/223948
PHONE NO: 0091 1334 284144

Sub: Requirement of Carbon Steel Plates

The Heavy Electricals Equipment Plant (HEEP) located in Haridwar, India is one of the major manufacturing plants of Bharat Heavy Electricals Ltd. The core business of HEEP includes design and manufacture of large steam turbines, turbo generators and so on.

Bids are invited for following items through GeM Portal- <https://gem.gov.in>

Item Description	Mat. Code	Size (T x W x L mm)	Qty (Kg)	Lot Wise (Kg)	Delivery Requirement	Delivery Period (from PO date)
CARBON STEEL PLATES- INTERMEDIATE AND HIGH TEMPERATURE SPEC: AA10401 REV: 18	HW1041801939	100 x 4000 x 4000	138160	Lot 1-62800	30/10/2026	90
				Lot 2-75360	30/06/2027	330

Remarks-

1. Delivery period mentioned in enquiry is indicative, bidders to quote their best possible delivery.
2. **Plates are required in Size: 100 x 4000 x 4000mm**
3. **Quantity tolerance $\pm 5\%$ is acceptable.**
4. Enquiry Plates shall be supplied from BIS approved manufacturer for IS 2002, Grade 2 and dimension only.
5. **Breach of Contract:**
 In case of breach of contract, wherever the value of security instruments like performance bank guarantee available with BHEL against the said contract is atleast 10% of the contract value, the same be encashed. In case the value of the security instruments available is less than 10% of the contract value, the balance amount be recovered from other financial remedies (i.e. available bills of the contractor, retention amount, etc. with BHEL) or legal remedies be pursued. The balance scope shall be got done independently without Risk & Cost of the failed supplier/ contractor. Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract. Accordingly, recovery of an amount equivalent to 10% of the contract value shall be made in case of breach of contract.
6. **Payment terms shall be as follows:**

The payment shall be made within no. of days as defined in the below table from appointed day

Type of Bidder	Payment Terms (Number of days)
Micro & Small Enterprises (MSEs)	45 days

Medium Enterprises	60 days
Non MSME	90 days

Appointed day means

- The day of material entry in HEEP (i.e. CISF Stamp date), subject to submission of non-discrepant documents by vendor as per Purchase Order.
- Or
- Where there is any objection regarding acceptance of goods, the same shall be informed to supplier within fifteen days from the day of the delivery of good. Appointed day will be the day on which such objection is removed by the supplier.
- For BOIs, the appointed day means the date of receipt of material at respective project Site (i.e. MRC date).

Payment shall be made within 45/ 60/ 90 days (as applicable for MSE, Medium and Non-MSME bidders respectively) from the material entry date in BHEL, subject to submission of non-discrepant documents by the vendor, uploading of all documents on BHEL's SUVIDHA portal at the time of dispatch, and the acceptance of material by BHEL after receipt.

Note: This is in supersession of 10 days' time as provided in Clause 12 of GeM GTC and also 45 days from CRAC as provided in the standard format of GeM Bid under Payment Timelines.

Note: Benefits of MSE (Price preference, Payment preference etc.) will be given only to those MSE Vendors who are manufacturers of offered items against the NIT. No MSE benefits shall be provided to Agents / Stockists / Dealers / Traders etc. for the items offered but not manufactured by themselves.

7. Vendor should raise inspection call for BHEL / TPI inspection at least 4 days in advance to the planned date of inspection. If customer inspection is envisaged at vendor's works, vendor should give inspection call at least 7 days in advance to the planned date of inspection.
8. For this procurement, the local content to categorize a supplier as a Class I local supplier/ Class II local Supplier/ Non-local supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 19.07.2024 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.
9. Test certificate and Guarantee certificate are required.
10. Rest terms and conditions shall be as per latest GeM GTC/ Buyer added bid specific ATC.
11. The bids received from same IP address shall be outrightly rejected and shall not be considered for further evaluation.
12. If a re-visit of BHEL appointed TPIA is required at vendor's works due to:
 - (a) Complete material not being offered during inspection (whilst physical visit of Inspection Engineer at Supplier's work) with respect to offered quantity mentioned in raised inspection call.

(b) Lapses on account of supplier has led to rejection of offered material (as per approved QAP/Technical specification/other pertinent requirement while carrying out inspection) Additional visit charges to be paid by BHEL to TPIAs shall be deducted from supplier's bills as penalty.

13. No deviation Certificate to be submitted as attached. Any deviation w.r.t. the tender (technical or commercial) must be explicitly mentioned alongwith the offer.

14. " For goods / works / services on Indian Suppliers / Contractors: Irrespective of the value of the invoice amount, the supplier/ contractor should necessarily upload the invoice details on BHEL SUVIDHA portal at <https://suvidha.bhel.in/suvidha/>, prior to despatch/raising invoice. All documents as per contract 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 upto Rs five lakhs in case the requirement for digitally signed invoice is not explicitly mentioned in the contract checklist.

The Invoice will not be accepted in absence of the above. "

15. Declaration by bidder 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 Authorized 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

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considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.

Signature with stamp

Name of Authorized Person:

Designation:

Name of Firm:

Date:

Pre- Qualification Requirements

PQR Point	Requirements	Vendor to submit / confirm	Vendor's reply
1	<u>For Plate manufacturer:</u>		
	a	Vendor must be having Bureau of Indian Standard (BIS) approval for manufacturing of carbon steel plates of IS 2002 Grade 2.	Vendor to submit copy of valid BIS Certificate / BIS Certification number.
	b	Enquiry plate will be supplied as per BHEL enquiry specification and dimension.	Vendor to confirm.
2	<u>For trader / stockist / reseller:</u>		
	a	Vendor to submit their past experience for supply of carbon steel / alloy steel plates against at least one purchase order in last seven years on enquiry issue date.	<ul style="list-style-type: none"> ➤ At least one Purchase Order Copy & its correlated test certificates ➤ Invoice / dispatch document of above purchase order
	b	Enquiry Plates shall be supplied from BIS approved plate manufacturer for IS 2002, Grade 2 and dimension only.	Vendor to confirm.
	c	Enquiry plate will be supplied as per BHEL enquiry specification and dimension.	Vendor to confirm.

Sl. No.	Quality Requirement	Vendor's confirmation (Y/N)
01	PRE-DISPATCH INSPECTION BY BHEL AS PER BHEL APPROVED QUALITY PLAN (QA/PMD/002 REV 01). (VENDOR TO ENDORSE THE ATTACHED QUALITY PLAN WITH THEIR SIGN & STAMP.)	

Signature with stamp

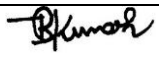
Name:
Name of Firm:
Designation:
Date:

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**QUALITY PLAN
(QA/PMD/002 REV 01)**

MANUFACTURER'S NAME AND ADDRESS			QUALITY PLAN				TO BE FILLED BY BHEL		TO BE FILLED BY BHEL			
BHEL	VENDOR'S NAME	ITEM	AS PER PO		QP NO.	QA/PMD/002						
				REV	01 DATED 29.09.2025							
		DRG. NO.	AS PER PO									
		SPEC.	AS PER PO									
		REV	AS PER PO		Page 1 of 2							
SL. NO.	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS	AGENCY			REMARKS
1	2	3	4	5	6	7	8	9	D	10		11

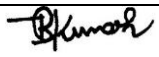
1. IN CASE OF PROCUREMENT OF PLATES, FLATS, ROUNDS (CS), BARS (CS), STRIPS ETC IS PROCURED DIRECTLY FROM OEM.												
1A	RECEIVING MATERIAL INSPECTION	IDENTIFICATION & VERIFICATION OF MILL TEST CERTIFICATES	CRITICAL	VERIFICATION OF MILL TC	100%	BHEL SPEC	BHEL SPEC	MILL TC / IR	√	P	V	1. CO-RELATED ORIGINAL (SEALED AND SIGNED BY OEM) OR CO-RELATED COMPUTER-GENERATED MATERIAL TEST CERTIFICATE (MTC), ORIGINATED FROM OEM 2. EVERY PLATES, , FLATS, ROUNDS (CS), BARS (CS), STRIPS ETC MUST HAVE IDENTIFICATION MARKING OF STEEL MANUFACTURER AS PER APPLICABLE SPECIFICATION/ STANDARD. 3) CO-RELATION WITH TC ALONG WITH CORRELATED INVOICE TO BE PROVIDED WITH SUPPLY OF THE ITEMS. 4) IF MENTIONED IN PO/ BHEL ENGG PQR, MANUFACTURER MUST BE BIS APPROVED VENDOR FOR APPLICABLE SIZE AND GRADE. 5) MANUFACTURING DATE ON THE TEST CERTIFICATE (TC) SHOULD NOT BE OLDER THAN ONE YEAR FROM THE DATE OF THE BHEL PURCHASE ORDER (PO) PLACEMENT

		LEGEND: ! RECORDS IDENTIFIED WITH 'TICK' UNDER COULMN "D" SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR/VENDOR IN QA DOCUMENTATION. M: MANUFACTURER / SUBCONTRACTOR B: BHEL N: CUSTOMER INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHP' OF CUSTOMER	FOR CUSTOMER USE	
MANUFACTURER/SUBCONTRACTOR	IB Kumar Mgr, QAX, BHEL			APPROVED BY

MANUFACTURER'S NAME AND ADDRESS			QUALITY PLAN				TO BE FILLED BY BHEL		TO BE FILLED BY BHEL			
BHEL	VENDOR'S NAME	ITEM	AS PER PO		QP NO.	QA/PMD/002						
				REV	01 DATED 29.09.2025							
		DRG. NO.	AS PER PO									
		SPEC.	AS PER PO									
		REV	AS PER PO		Page 2 of 2							
SL. NO.	COMPONENT & OPERATIONS	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS	AGENCY			REMARKS
1	2	3	4	5	6	7	8	9	D	10		11

2. IN CASE OF PROCUREMENT OF PLATES, FLATS & STRIPS IS PROCURED FROM TRADER/STOCKIST.												
2A	RECEIVING MATERIAL INSPECTION	IDENTIFICATION & VERIFICATION OF MILL TEST CERTIFICATES	CRITICAL	VERIFICATION OF MILL TC	100%	BHEL SPEC	BHEL SPEC	MILL TC / IR	√	P	V	1. CO-RELATED ORIGINAL (SEALED AND SIGNED BY OEM) OR CO-RELATED COMPUTER-GENERATED MATERIAL TEST CERTIFICATE (MTC), ORIGINATED FROM OEM 2. MILL TC (AS PER BHEL ORDERING DOCUMENTS) SHALL BE FROM MANUFACTURER IDENTIFIED IN PO 3. EVERY PLATES, , FLATS, ROUNDS (CS), BARs (CS), STRIPs ETC MUST HAVE IDENTIFICATION MARKING OF STEEL MANUFACTURER AS PER APPLICABLE SPECIFICATION/ STANDARD. 4) CO-RELATION WITH TC ALONG WITH CORRELATED INVOICES (FROM STEEL MANUFACTURER TO BIDDER) TO BE PROVIDED WITH SUPPLY OF THE ITEMS. 5) IF MENTIONED IN PO/ BHEL ENGG PQR, MANUFACTURER MUST BE BIS APPROVED VENDOR FOR APPLICABLE SIZE AND GRADE. 6) MANUFACTURING DATE ON THE TEST CERTIFICATE (TC) SHOULD NOT BE OLDER THAN ONE YEAR FROM THE DATE OF THE BHEL PURCHASE ORDER (PO) PLACEMENT

NOTE: 1) BHEL TO REVIEW ALL THE REMAINING TCs AS PER ORDERING DRAWING / SPEC / DOCUMENTS (AS APPLICABLE).

		LEGEND: ! RECORDS IDENTIFIED WITH 'TICK' UNDER COULMN "D" SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR/VENDOR IN QA DOCUMENTATION. M: MANUFACTURER / SUBCONTRACTOR B: BHEL N: CUSTOMER INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION	FOR CUSTOMER USE	
MANUFACTURER/SUBCONTRACTOR	IB Kumar Mgr, QAX, BHEL	ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHP' OF CUSTOMER		APPROVED BY

(Specification)

AA10401 Rev 18



CORPORATE PURCHASING SPECIFICATION

AA10401

Rev No. 18

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CARBON STEEL PLATES - INTERMEDIATE AND HIGH TEMPERATURE

1 GENERAL:

This specification governs the quality requirements of Carbon Steel Plates for Intermediate and High temperature service.

2 APPLICATION:

For intermediate and high temperature applications requiring welding, cutting and cold and hot flanging.

3 CONDITION OF DELIVERY:

Plates above 12mm thick shall be supplied in the normalized or equivalent condition. Plates of 25mm and above thickness shall be ultrasonically tested.

4 COMPLIANCE WITH NATIONAL/INTERNATIONAL STANDARDS:

Material shall comply with the requirements of IS 2002 : 2024, Grade 2.

Material offered as per EN 10028-2:2017, Grade: P265GH+N (Material number 1.0425) is also acceptable.

5 DIMENSIONS AND TOLERANCES:

5.1 Sizes:

Material shall be supplied to the dimensions specified on BHEL order.

5.2 Tolerances:

The tolerance on hot rolled plates shall comply with IS/ISO 7452 Class C or EN 10029, Class C.

6 MANUFACTURE:

The steel shall be fully killed and made to coarse austenitic grain size practice. When rolled from continuously cast slabs, ratio of slab to plate thickness shall be minimum 2.5 to 1, except that reduction ratios as low as 2:1 are permitted if all of the conditions given in clause no.6.2 of IS 2002 are met.

7 HEAT TREATMENT:

Plates above 50 mm thickness shall be furnace normalized. All other conditions as per relevant clause given in IS 2002.

8 TEST SAMPLES:

As per IS: 2002 or EN 10028 – 2 as applicable.

9 ULTRASONIC TEST:

Plates 25mm and above are to be ultrasonically tested as per IS 11630 / ASTM A435 / ASTM A578, Level B.

Revisions:

Cl 6, 7 and reference to IS standard updated

APPROVED:

INTERPLANT MATERIAL RATIONALISATION
COMMITTEE – MRC(S&GPS)

Rev No.18

Amd No.

Reaffirmed

Prepared
HEEP, Haridwar

Issued
Corp.R&D

Dt. of 1st Issue
August 1976

Dt:10-12-2025

Dt:

Year:

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CORPORATE PURCHASING SPECIFICATION



10 FREEDOM FROM DEFECTS:

Plates shall be cleanly rolled to the dimensions specified. The finished material shall be free from excessive segregation of impurities and cracks, surface flaws, laminations, rough, jagged & imperfect edges and internal & surface defects.

Slight scale or shell may, however, be removed by such means as chisel, file, buff or shot blast or other suitable means provided that the thickness of the material is nowhere reduced below the specified thickness. Hammer dressing, patching or welding of defects is prohibited.

11 TEST CERTIFICATES:

Unless otherwise specified on the order, three copies of test certificates shall be supplied.

In addition, the supplier shall ensure to enclose one copy of the test certificate along with their dispatch documents to facilitate quick clearance of the material.

The test certificate shall bear the following information:

AA10401 Rev.18 / IS 2002 : 2024 Gr.2 or EN 10028-2:2017, Gr: P265 GH+N

BHEL Order No.

Melt No., Size & Quantity,

Batch no. with heat treatment details,

Results of Chemical analysis, Mechanical test as per applicable grade and Ultrasonic tests.

Supplier's name, Identification No, TC No, Signature of competent authority, etc.

12 PACKING AND MARKING:

Plates shall be transported suitably to avoid damage during transit.

For plates below 10 mm thick, each pile (preferably of 16 plates) and each plate 10mm thick & above shall be marked with the suppliers Identification No, Melt No. AA10401, BHEL order no., Suppliers name, Size & weight, on any one corner and encircled with paint preferably of white colour.

13 REFERRED STANDARDS (Latest publications including amendments):

1. IS/ISO 7452
- 3) EN 10029
- 4) IS: 11630
- 5) ASTM A435
- 6) ASTM A578

(Self-Certification for local content)

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

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

To,

(BHEL HEEP Haridwar)

Dear Sir,

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

Ref: 1) GeM Bid Specification 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 2017-Revision 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).
3. In the event of false declaration, actions as per the above order and as per BHEL Guidelines shall be initiated against the bidder.

Certificate of No Deviation

CERTIFICATE OF NO DEVIATION

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

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Subject: **No Deviation Certificate**

Ref: 1) GeM Bid No:,
2) 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 GeM Bid.

We further confirm our unqualified acceptance to all Terms and Conditions, unqualified compliance to Tender Conditions.

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:

Tender No. F/F219/25/3381/K1

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

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,

(BHEL HEEP Haridwar)

Dear Sir,

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

Ref: 1) GeM 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.