

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 the following items through GeM Portal- <https://gem.gov.in>

Item Description	Mat. Code	Size (TxWxL,mm)	Total Qty (Kg)	Delivery Period	Delivery Period (from PO date)
Carbon Steel Plates- Intermediate and High Temperature Specification- AA10401 Rev 17	HW1041801912	90 x 3000 x 3000	25600	30/10/2025	120

Remarks-

1. Delivery period mentioned in enquiry is indicative, bidders to quote their best possible delivery.
2. Quantity tolerance $\pm 10\%$ is acceptable.
3. Total 04 Nos. of Plates are required in size: 90 x 3000 x 3000 mm
4. Plates in multiple of width & length are also acceptable.
5. Enquiry plates shall be supplied from BIS approved plate manufacturer for IS 2002, Grade 2.

6. 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 at least 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.

7. 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).

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.

- 8. “A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity’s interests. **The bidder found to have a conflict of interest shall be disqualified.** A bidder may be considered to have a conflict of interest with one or more parties in the bidding process, if”**
- a. They have controlling partner (s) in common; **or**
 - b. They receive or have received any direct or indirect subsidy/financial state from any of them; **or**
 - c. They have the same legal representative/ agent for purposes of this bid; **or**
 - d. They have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; **or**
 - e. Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the

components / sub-assembly/ Assemblies from one bidding manufacturer in more than one bid; or

- f. In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent / dealer. There can be only one bid from the following:
 - 1. The principal manufacturer directly or through one Indian agent on his behalf; and
 - 2. Indian/ foreign agent on behalf of only one principal;

or
 - g. A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid;
or
 - h. In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidder must proactively declare such sister/ common business/ management units in same/ similar line of business.”
- 9.** 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.
- 10.** 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.
- 11.** Test certificate and Guarantee certificate are required.
- 12.** Rest terms and conditions shall be as per latest GeM GTC & Buyer added Bid specific ATC document.

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.	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 and its correlated test certificates Invoice/dispatch document of above purchase order 	
	b	Enquiry Plates shall be supplied from BIS approved 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 TPIA QUEST AS PER BHEL APPROVED QUALITY PLAN (QA/PMD/001 REV 00). (VENDOR TO ENDORSE THE ATTACHED QUALITY PLAN WITH THEIR SIGN & STAMP.)	

Signature with stamp

Name:

Name of Firm:


Designation:

Date:

QUALITY PLAN
(QA/PMD/001 Rev 00)

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/PMID/001	REFERENCE DOCUMENT	ACCEPTANCE NORMS	FORMAT OF RECORDS	REMARKS				
					REV	00									
			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	7	8	9	D	10	11			
1	2	3		4	5	6	7	8	9	D	10	11			

1.	IN CASE OF PROCUREMENT OF PLATES, PIPES, FLATS, ROUNDS (CS), BARS (CS), STRIPS ETC. IS PROCURED DIRECTLY FROM OEM.	CRITICAL VERIFICATION OF MILL TC	BHEL SPEC	BHEL SPEC	MILL TC / IR	✓	P	V	1. CO-RELATED ORIGINAL OR CO-RELATED COMPUTER GENERATED MATERIAL TEST CERTIFICATE (MTC), ORIGINATED FROM OEM (SEALED AND SIGNED BY OEM) 2. EVERY PLATES, PIPES, FLATS, ROUNDS, BARS, 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.
1A	RECEIVING MATERIAL INSPECTION	IDENTIFICATION & VERIFICATION OF MILL TEST CERTIFICATES							

MANUFACTURER/SUBCONTRACTOR	 <p> Bhupendra Kumar Director, Quality Assurance DN crminda Bhushan Kumar, outBHEL HEEP Hardhat, outBHEL HEEP HEEP Hardhat, outBHEL HEEP Date: 2024.11.27 14:58:37 105 307 AdBhar Account Reader version </p>	FOR CUSTOMER USE	APPROVED BY
		<p> LEGEND: ! RECORDS IDENTIFIED WITH 'TICK' UNDER COLUMN "D" SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR/VENDOR IN QA DOCUMENTATION. M: MANUFACTURER / SUBCONTRACTOR B: BHEL / BHEL NOM. INSPECTION AGENCY N: CUSTOMER INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHP' OF CUSTOMER </p>	

MANUFACTURER'S NAME AND ADDRESS				QUALITY PLAN				TO BE FILLED BY BHEL				TO BE FILLED BY BHEL			
VENDOR'S NAME		ITEM	AS PER PO		QP NO.	QA/PMD/001									
BHEL			DRG. NO.	AS PER PO	REV	00									
			SPEC.	AS PER PO											
			REV	AS PER PO											
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	M	B	N	10		
		Page 2 of 2													

2. IN CASE OF PROCUREMENT OF PLATES, PIPES, FLATS, ROUNDS, BARS, STRIPS ETC. 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 OR CO-RELATED COMPUTER GENERATED MATERIAL TEST CERTIFICATE (MTC). ORIGINATED FROM OEM (SEALED AND SIGNED BY OEM) 2. MILL TC (AS PER BHEL ORDERING DOCUMENTS) SHALL BE FROM MANUFACTURER IDENTIFIED IN PO 3. EVERY PLATES, PIPES, FLATS, ROUNDS, BARS, 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.	
2B	For Pipes only	SAMPLE FOR CHEMICAL AND MECHANICAL TEST	MAJOR	VISUAL	AS PER ORDERING SPECIFICATION ON	AS PER ORDERING SPECIFICATION AND DOCUMENTS	AS PER ORDERING SPECIFICATION AND DOCUMENTS	REPORT	✓	P	W		
2C	For Pipes only	REPEAT TEST CHEMICAL COMPOSITION AND MECHANICAL PROPERTIES	MAJOR	VISUAL AND MEASUREMENT	AS PER ORDERING SPECIFICATION ON	AS PER ORDERING SPECIFICATION AND DOCUMENTS	AS PER ORDERING SPECIFICATION AND DOCUMENTS	REPORT	✓	P	W	TESTING TO BE DONE IN NABL APPROVED LABORATORY ONLY.	

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

[Signature]

MANUFACTURER/SUBCONTRACTOR		LEGEND: ! RECORDS IDENTIFIED WITH 'TICK' UNDER COLUMN 'D' SHALL BE ESSENTIALLY INCLUDED BY CONTRACTOR/VENDOR IN QA DOCUMENTATION. M: MANUFACTURER / SUBCONTRACTOR B: BHEL / BHEL NOM. INSPECTION AGENCY N: CUSTOMER INDICATE 'P' PERFORM 'W' WITNESS AND 'V' VERIFICATION ALL 'W' INDICATED IN COLUMN 'N' SHALL BE 'CHP' OF CUSTOMER		FOR CUSTOMER USE		APPROVED BY	
Digitally Signed by Indra Bhushan Kumar DN: cn=Indra Bhushan Kumar, o=BHEL, ou=BHEL email=ibkumar@bhel.co.in Date: 2024.11.27 14:59:16 +05:30 Reason version: 204.004.20272							

(Specification)

AA10401 Rev 17



CORPORATE PURCHASING SPECIFICATION

AA10401

Rev No. 17

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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 – 2009, 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:

Material shall be manufactured from killed steel having a Carbon Equivalent of 0.44 max (melt analysed).

7 HEAT TREATMENT:

Plates above 12mm thick shall be normalized. Normalizing can be replaced by equivalent temperature control during and after hot rolling.

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:4225/ASTM A435/ASTM A578, Level B.

Revisions:

APPROVED:

INTERPLANT MATERIAL RATIONALISATION
COMMITTEE – MRC(S&GPS)

Rev No.17

Amd No.

Reaffirmed

Prepared

Issued

Dt. of 1st Issue

Dt:07-01-2020

Dt:

Year:

HEEP, Haridwar

Corp.R&D

August 1976

AA10401

Rev No. 17

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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.17 / IS: 2002 Gr.2 or EN 10028 – 2, 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: 4225 5) ASTM A435 6) ASTM A578

CPS-1052-14/01/20

(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 HEPP 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: