

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

Sub: Requirement of Mild Steel Perforated Sheets

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 (APxPxTh) mm	Qty (Kg)	Delivery Requirement	Delivery Period (Days from PO date)
MILD STEEL PERFORATED SHEETS SPEC: AA10184 REV: 03 GRADE: ST-ST42- PERF	AA1014784042	12.5 x 20 x 1.6	100	30/10/2026	90
	HW1014784956	4 x 7 x 2.5	210	30/10/2026	90

Remarks-

1. Delivery period mentioned in enquiry is indicative, bidders to quote their best possible delivery.
2. **Sheets are to be supplied in size (1150-1250) x2500 mm or in coil form with width of (1150-1250) mm. Width of perforated area should be minimum 1100 mm.**
3. **Quantity tolerance $\pm 5\%$ is acceptable.**
4. Early delivery is acceptable.
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).

Note: 1. 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.

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.

2. 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. "MSE vendors shall confirm their status regarding SC/ST-owned and/or Women-owned enterprise. Vendors falling under these categories shall submit supporting documentary evidence, such as Udyam Registration Certificate indicating the social category & gender of entrepreneur and any other relevant document indicating such status, so that the same may be captured in our vendor database."

16. 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 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's reply
1	Bidder or its principal manufacturer must have experience of supplying perforated steel sheets as per IS 2405. In support of above, bidder to submit copy of purchase order with its correlated test certificates & dispatch documents for at least one supply in last 10 years on enquiry issue date.	
2	Bidder to confirm to supply the enquiry item meeting the enquiry specification AA10184 requirements.	

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.)	

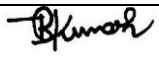
Signature with stamp**Name:****Name of Firm:****Designation:****Date:**

Tender No. F/F219/26/0371/K1

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

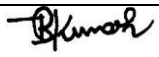
1. IN CASE OF PROCUREMENT OF PLATES, FLATS, ROUNDS (CS), BARS (CS), STRIPS ETC IS PROCURED DIRECTLY FROM OEM.												
1A	RECEIVING MATERIAL INSPECTION	IDENTIFICATION & VERIFICATION OF MILL TEST CERTIFICATES	CRITICAL	VERIFICATION OF MILL TC	100%	BHEL SPEC	BHEL SPEC	MILL TC / IR	√	P	V	1. CO-RELATED 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

Tender No. F/F219/26/0371/K1

(Specification)

AA10184 REV: 03



CORPORATE PURCHASING SPECIFICATION

AA 101 84

Rev. No. 03

PAGE 1 OF 3

MILD STEEL PERFORATED SHEETS

1.0 GENERAL:

This specification governs the quality requirements of Flat Mild Steel Perforated Sheets with round holes, staggered pitch.

2.0 APPLICATION:

Industrial purposes.

3.0 COMPLIANCE WITH NATIONAL STANDARDS:

3.1 The material shall comply with the requirements of the following National standard and also meet the requirements of this specification.

IS: 2405, part II -1980 : Performed plates.

3.2 The perforated sheets shall be made from mild steel sheets conforming to IS: 5986-1992, Gr.: Fe 410

4.0 DIMENSIONS AND TOLERANCES:

4.1 Sizes:

The material shall be supplied to the dimensions specified in BHEL order.

BHEL order shall clearly state the aperture size, pitch, thickness of sheet, overall size of sheet, particulars of margin, if required, fixing arrangements for sheet and any other special requirements.

4.1.1 Aperture Size:

The nominal size of round holes shall be in line with table 2 of IS:2405, Part II, as specified in the order.

4.1.2 Pitch :

The ratio of nominal pitch to nominal aperture size shall be 1.25, 1.4, 1.6, 1.8 and 2.0, as specified in the order.

4.1.3 Shape and arrangement of apertures:

The perforated sheets with round holes shall have the perforations staggered at 60° as shown in Fig.1 of IS: 2405, Part II.

Revisions :
Cl.26.6.17 of MOM of MRC-S&GPS

APPROVED :
INTERPLANT MATERIAL RATIONALISATION COMMITTEE-MRC (S&GPS)

Rev. No. 03	Amd.No.	Reaffirmed	Prepared	Issued	Dt. of 1st Issue
Dt: 15.01.2004	Dt :	Year: 2013	HARDWAR	Corp. R&D	August, 1976

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CORPORATE PURCHASING SPECIFICATION



4.2 Tolerances:

The tolerances on measured size of any individual aperture or pitch from nominal aperture size or pitch respectively shall not be more than that given in Table 2 of IS:2405, Part II. Also the tolerances on measured average aperture and measured average pitch from nominal aperture size and nominal pitch respectively shall not be more than that given in table 2 of IS:2405, Part II.

Note: Measurement of pitch and aperture size shall be made at the punch side of the plate and a minimum sample N of apertures or pitches shall be chosen to arrive at an average using the expression

$$N = 2 + 100/A$$

Where A= Aperture size in mm, a proper fraction being taken as an integer.

5.0 MANUFACTURE:

Steel from which the perforated sheets are made, shall be manufactured by the open hearth, electric, basic oxygen or a combination of these processes.

Material shall be manufactured from semi-killed or killed steel.

Rimmed steel is not acceptable.

6.0 FREEDOM FROM DEFECTS:

The perforated sheets shall be free from crevices and projections. Holes shall be uniformly and cleanly punched or drilled and shall be free from burrs.

7.0 TEST SAMPLES:

One sample product shall be taken from the perforated sheets of the same class, same cast, same nominal aperture size and same thickness for testing.

8.0 TEST CERTIFICATES:

Three copies of test certificates shall be supplied unless otherwise specified, wherein the compliance of the material to IS: 5986, Gr.: F_e 410 with respect to chemical composition and mechanical properties shall be mentioned.

The test certificate shall bear the following information:

BHEL References:

AA 10184, Rev.No.03: Mild Steel Perforated Sheets

BHEL order No.

Supplier's References:

Name

Identification No.

Material of sheet.

CS-626 12/05/14



CORPORATE PURCHASING SPECIFICATION

AA 101 84

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9.0 PACKING AND MARKING:

The perforated sheets shall have a permanently attached label on which the following information shall be marked:

- Aperture size
- Pitch
- Thickness of sheet
- Overall dimensions of sheet

Material shall be supplied in securely packed bundles to prevent corrosion and damage during transit.

A metal label shall be securely attached to each bundle and shall bear the following information:

- AA 101 84 : Mild Steel Perforated Sheets.
- BHEL Order No.
- Consignment / Identification No.
- Aperture size x pitch
- Size of sheet
- Supplier's Name.

10.0 REFERRED STANDARDS (Latest Publications Including Amendments):

- 1. IS: 2405, part II
- 2. IS: 5986

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Tender No. F/F219/26/0371/K1

(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.

Tender No. F/F219/26/0371/K1

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/F219/26/0371/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.