

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

**Sub: Requirement of Galvanized Steel 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 (mm)	Qty. (Kg)	Delivery Requirement	Delivery Period (days from PO placement)
Galvanized Steel Sheets Grade-120 SPEC: AA10166 REV: 06 GRADE: GR-120 GP	AA1011766035	0.63 x (900-1250) x2500 mm	50000	30/06/2026	90

**Remarks-**

1. Delivery period mentioned in enquiry is indicative, bidders to quote their best possible delivery.
2. **Quantity tolerance  $\pm 5\%$  is acceptable.**
3. **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.

**4. 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.

5. 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.
6. 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.
7. Test certificate and Guarantee certificate are required.
8. Rest terms and conditions shall be as per latest GeM GTC/ Buyer added bid specific ATC.
9. The bids received from same IP address shall be outrightly rejected and shall not be considered for further evaluation.
10. 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.
11. 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.
12. ***" 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. ”*

### **13. 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**

<b>Sl. No</b>	<b>Technical Requirement</b>	<b>Vendor's confirmation (Y/N)</b>
<b>01</b>	Vender must have successfully supplied galvanized steel sheets as per IS 277 or other equivalent national/international standard against at least one purchase order in last seven years as on date of enquiry. Purchase Order and Test Certificate copies in support of above to be provided.	
<b>02</b>	Vendor to confirm that item shall be supplied as per enquiry specification and dimensions.	

<b>Sl. No.</b>	<b>Quality Requirement</b>	<b>Vendor's confirmation (Y/N)</b>
<b>01</b>	Testing and certification as per ordering documents and specifications.	

**Signature with stamp**

**Name:**

**Name of Firm:**

**Designation:**

**Date:**

**(Self-Certification for local content)**

**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)

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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 04<sup>th</sup> 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.

**(Specification)**

**AA10166 Rev 06**



## CORPORATE PURCHASING SPECIFICATION

AA 101 66

Rev. No. 06

PAGE 1 OF 3

### GALVANIZED STEEL SHEET, GRADE 120 GPD/GC

#### 1.0 GENERAL:

This specification governs the quality requirements of plain and corrugated galvanized steel sheets, grade 120 GPD/GC produced by hot-dip process.

#### 2.0 APPLICATION:

Used for general purpose, such as paneling and roofing.

#### 3.0 CONDITION OF DELIVERY:

Annealed or normalized and galvanized.

The sheets shall be supplied plain or corrugated as specified in BHEL order.

#### 4.0 COMPLIANCE WITH NATIONAL STANDARDS:

Material shall comply with the requirements of the following National standards and also meet the requirements of this specification:

IS:277-2003, Gr.:120 GPD/GC: Galvanized steel sheet (Plain and corrugated)

#### 5.0 DIMENSIONS AND TOLERANCES:

##### Sizes:

The material shall be supplied to the dimensions specified in BHEL order. Standard sizes shall be selected from IS:277.

Plain sheets shall be ordered on the basis of length, width and thickness.

Corrugated sheets shall be ordered on the basis of length, thickness, depth, pitch and number of corrugations.

#### 5.2 Tolerances:

The tolerances on sheets and coils shall comply with IS : 513 as detailed below:

##### 5.2.1 Length:

- 0 mm  
+ 15 mm or 0.5 percent of length whichever is greater.

##### 5.2.2 Diagonal:

The diagonal distances between the opposite corners of any sheet shall not differ by more than 20mm.

##### 5.2.3 Width:

- 0 mm and + 10 mm.

#### Revisions :

Cl. 27.6.12 OF MOM OF MRC-S&GPS

#### APPROVED :

INTERPLANT MATERIAL RATIONALISATION  
COMMITTEE-MRC (S&GPS)

Rev. No. 06

Amd.No.

Reaffirmed

Prepared

Issued

Dt. of 1st Issue

Dt: 15.06.2005

Dt :

Year :

BHOPAL

Corp. R&D

AUGUST, 1976

**5.2.4 Mass:**

The tolerance on mass of individual sheets shall be  $\pm 10\%$  and tolerance on mass of each bundle of sheets shall be  $\pm 5\%$ .

**5.2.5 Corrugations ( When specified):**

On depth	: $\pm 2.5$ mm	Average of 4 measurements.
On pitch	: $\pm 5.0$ mm	
On over all width after corrugations	: $\pm 25$ mm	

**6.0 MANUFACTURE :**

The steels or coils used for galvanizing shall conform to the requirements of Gr.: O for corrugated and DD for plain of IS:513 or IS: 1079 and shall be either annealed or normalized. However, for corrugated sheets the maximum phosphorus content may be 0.09 percent.

Galvanizing shall be carried out by first pickling the black sheets or by cleaning the cold rolled coils in line and then dipping them in a bath of molten zinc at a temperature suitable to produce a complete and uniformly adhesive coating of zinc. The zinc ingots used for galvanizing shall conform at least to grade Zn 98 of IS:209.

**7.0 FREEDOM FROM DEFECTS :**

Galvanized plain sheets, corrugated sheets and coils shall be reasonably flat and free bare spots, holes, tears and other harmful defects.

Coils, however, may contain some abnormal imperfections which render a portion of the coil unusable since the imperfections in the coil can not be removed as in the case of cut lengths.

**8.0 TEST SAMPLES:****8.1 Bend Test (For plain sheets):**

Test pieces, 230 mm long and 75 to 100 mm wide, shall be cut both along and across the direction of rolling. Bend test pieces shall be selected at the rate of one set of 2 for every 1000 sheets or part thereof. Bend test shall not be conducted for corrugated sheets.

**8.2 Coating Test:**

One set of three samples, each 50 x 50 mm or 50 mm diameter shall be selected at random from one sheet for every 1000 galvanized sheets or part thereof. In the case of galvanized sheets produced from black sheets, one set of three samples shall be taken, two from an extremities of a diagonal and one from the middle of the sheet whereas in the case of galvanized sheets produced from cold rolled coils, one set of three samples shall be cut, one being from the middle of the width of sheet and one each from each side of sheet and in no case closer than 75 mm from the edge of the sheet.

**9.0 BEND TEST (FOR PLAIN SHEETS):**

Test samples prepared in accordance with clause 8.1 above shall withstand bending through  $180^\circ$  round a mandrel having a diameter equal to the number of times the thickness of the sheet specified in the table below without peeling or flaking of zinc.

Thickness of sheet, mm	* Mandrel diameter
Over 0.16 and upto & incld. 0.30	4
Over 0.30 and upto & incld. 1.60	3
Over 1.60 and upto & incld. 5.00	2

\* Expressed as the number of times the thickness of sheet.



**10.0 ZINC COATING TEST:**

**Single Test:**

One test sample bearing the lightest mass of coating out of the three test samples selected under clause 8.2 above, shall be used and the mass of the zinc coating when determined by the method given in IS:6745 shall not be less than 100 g/m<sup>2</sup>.

The mass of coating shall represent the total mass of zinc, both sides inclusive.

**11.0 TEST CERTIFICATES:**

Unless otherwise specified, 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:

AA 101 66, Rev 06: Galvanized steel sheet, Grade 120 GPD/GC

BHEL Order No,

Supplier's name,

Identification No

Dimensional inspection

Results of bend and zinc coating tests.

**Note:** Material procured, supplied and certified as AA 101 66, Rev 05/IS:277, Gr.:120 GPD/GC and comply with the requirements of this specification is acceptable.

**12.0 PACKING AND MARKING:**

Sheets shall be securely packed in waterproof paper or hessian cloth and securely tied round with hoop iron and with wooden battens underneath to prevent the sheets from corrosion and damage during transit.

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

AA 101 66: Galvanized steel sheets, grade 120 GPD/GC

BHEL Order No,

Supplier's Name

Consignment and Identification No,

Size and Weight.

**13.0 REFERRED STANDARDS (Latest Publications Including Amendments) :**

1. IS : 209

2. IS : 277

3. IS : 513

4. IS : 1079

5. IS:6745

Tender No. F/F219/25/2879/K1

**Certificate of No Deviation**

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**CERTIFICATE OF NO DEVIATION**

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

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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: