

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

**Sub: Requirement of Austenitic Stainless-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 (mm)	Qty. (Kg)	Delivery
Austenitic Stainless-Steel Plates <b>Specification-</b> AA10740 Rev 09	AA1071840070	10 x (1000-1500) x (3000-6000)	720	30/10/2024
	AA1071840150	25 x (1000-1500) x (3000-6000)	1800	30/10/2024
	HW1071840991	30 x (1000-1500) x (3000-6000)	2160	30/10/2024
	AA1071840118	16 x (1000-1500) x (3000-6000)	1152	30/10/2024
	HW1071840983	50 x (1000-1500) x (3000-6000)	3600	30/10/2024

**Remarks-**

1. Delivery period mentioned in enquiry is indicative, bidders to quote their best possible delivery.
2. Vendor can offer plates with higher length & width however acceptance of same shall be in BHEL's discretion.
3. Quantity tolerance  $\pm 10\%$  is acceptable in view of dimensional tolerances.
4. **Risk Purchase:** In case of abnormal delays (beyond the maximum late delivery period as per LD clause in supplies / defective supplies or nonfulfillment of any other terms and conditions given in Purchase Order, BHEL may cancel the Purchase Order in full or part thereof, and may also make the purchase of such material from elsewhere / alternative source at the risk and cost of the supplier. BHEL will take all reasonable steps to get the material from alternate source at optimum cost. If bidder does not agree to the above Risk Purchase Clause, BHEL reserves the right to reject the offer.

In case for compelling reasons BHEL accepts the offer without acceptance of this clause by the bidder and in the eventuality of Risk Purchase, appropriate action will be taken as per BHEL extant rules. This will be without prejudice to any other right of BHEL under the contract or under General Law.

**Action against Bidders / vendor / supplier / contractor in case of default:**

In order to protect the commercial interests of BHEL, BHEL shall take action against supplies / contractors by way of suspension of business dealings, who either fail to perform or are in default without any reasonable cause, cause loss of business/ money/ reputation, indulge in malpractices, cheating, bribery, fraud or any other misconduct or formation of cartels so as to influence the bidding process or influence the price etc.

Suspension of Business Dealings could be in the form of “Hold” or “Banning” a supplier/ contractor or a bidder and shall be as per “Guidelines for Suspension of Business Dealings with Suppliers/ Contractors” available at BHEL’s website [“https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors”](https://www.bhel.com/guidelines-suspension-business-dealings-supplierscontractors)

**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 may be made in case of breach of contract.

**6. Payment terms shall be as follows:**

<b>Type of Bidder</b>	<b>Payment Terms (Number of days)</b>
Micro & Small Enterprises (MSEs)	45 days
Medium Enterprises	60 days
Non MSME	90 days

**Note:** Benefits of MSE (such as EMD Waiver, Tender fee exemption, 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. “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.”

### Pre- Qualification Requirements

<b>PQR Point</b>	<b>Requirements</b>	<b>Vendor to submit / confirm</b>	<b>Vendor's reply</b>
<b>1</b>	<b><u>For Plate manufacturer:</u></b>		
	a	Vendor must be having Bureau of Indian Standard (BIS) approval for manufacturing of stainless-steel plates of IS 6911, X04Cr18Ni10Ti / ASTM A240M, Type 321 / EN10088-2, X6CrNiTi18-10.	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.
<b>2</b>	<b><u>For trader / stockist / reseller:</u></b>		
	a	Vendor to submit their past experience for supply of stainless-steel plates / sheets against at least one purchase order in last seven years.	At least one purchase order and its correlated test certificates/dispatch note for stainless steel plate / sheet.
	b	Enquiry Plates shall be supplied from BIS approved manufacturer for IS 6911, X04Cr18Ni10Ti / ASTM A240M, Type 321 / EN10088-2, X6CrNiTi18-10 and dimension only.	Vendor to confirm.
	c	Enquiry plate will be supplied as per BHEL enquiry specification and dimension.	Vendor to confirm.

<b>Sl. No.</b>	<b>Quality Requirement</b>	<b>Vendor's confirmation (Y/N)</b>
<b>1</b>	Testing and certification as per ordering specification and documents.	

**Signature with stamp**

**Name:**

**Name of Firm:**

**Designation:**

**Date:**

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

In line with Government Public Procurement Order 2017 dated 16.09.2020, we hereby certify that we

.....  
(supplier name) inform that local content is .....% (indicate percentage of local content) and are

**Class- I local supplier** (meeting requirement of)-

**Minimum Local content 50%**

or

**Class- II local supplier** (meeting requirement of)-

**Minimum Local content 20%**

(mark wherever applicable)

defined by Nodal Ministries/ Departments as per above order for the material against Enquiry No.

.....  
Details of location at which local value addition will be made is as follows:

.....  
.....  
.....

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Seal and Signature of Supplier

**(Specification)**

**AA10740 Rev 09**



## CORPORATE PURCHASING SPECIFICATION

AA10740

Rev No. 09

PAGE 1 of 2

**AUSTENITIC STAINLESS STEEL SHEETS, PLATES AND STRIPS -  
SOLUTION ANNEALED (IS:6911, X04Cr18Ni10Ti, / ASTM A240M,  
TYPE 321 / EN10088-2, X6CrNiTi18-10)**

(ORDERING DESCRIPTION)

**1 GENERAL**

The sheets, plates and strips shall conform to the latest version of IS:6911, X04Cr18Ni10Ti,/ ASTM A240M, Type 321 / EN10088-2, X6CrNiTi18-10 and comply with the following additional requirements.

**2 APPLICATION**

For general engineering purposes, where corrosion resistance is essential.

**3 CONDITION OF DELIVERY**

For Hot Rolled- Solution annealed and descaled

Cold Rolled – Solution annealed and dull/bright finish

**4 DIMENSIONS AND TOLERANCES**

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

**5 CHEMICAL COMPOSITION, MECHANICAL PROPERTIES AND OTHER REQUIREMENTS:**

As per IS:6911 , X04Cr18Ni10Ti / ASTM A240M, Type 321 / EN10088-2, X6CrNiTi18-10 as applicable.

**6 TEST CERTIFICATES:**

Three copies of test certificates shall be supplied along with the following information:

- **BHEL References:**
- AA10740 -Rev. No.09 / Material Grade as applicable
- BHEL order No
- **Supplier's References:**
- Name
- Identification No.
- Melt No.
- Process of manufacture
- Details of heat treatment.
- **Result of Tests:**
- Dimensional inspection.
- Results of chemical analysis, mechanical tests

**Revisions:**

Cl. 42.5 of MOM of MRC-S&amp;GPS

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

Rev No.09

Amd No.

Reaffirmed

Prepared  
HEEP, HaridwarIssued  
Corp.R&DDt. of 1<sup>st</sup> Issue  
April 1979

Dt:30-09-2020

Dt:

Year:

AA10740

Rev No. 09

PAGE 2 of 2

**CORPORATE PURCHASING SPECIFICATION****7 PACKING AND MARKING:**

Sheets shall be supplied in bundles or in packages each weighing up to a maximum of 3000kg. Plates shall be suitably packed to prevent damage during transit.

For plates below 25mm thick, each pile (preferably of 16 plates) shall be marked with suppliers identification mark, 'AA10740 / Material, melt No., BHEL order No., on the top plate.

Each plate of 25mm thickness and above shall be stamped/painted with the suppliers identification mark, 'AA10740 / Material Grad, melt No., BHEL order No., on the top plate.

**FOR INFORMATION ONLY**

(ACTUAL VALUE TO BE TAKEN FOR IS/ASTM/EN AS APPLICABLE)

**CHEMICAL COMPOSITION**

C	Si	Mn	Ni	Cr	S	P	Ti	N
≤ 0.08	≤ 0.75	≤ 2.0	9.0-12.0	17.0-19.0	≤ 0.030	≤ 0.045	5(C+N)-0.70,max	0.10

**MECHANICAL PROPERTIES**

Hardness Max		0.2% PS min N/mm <sup>2</sup>	UTS min N/mm <sup>2</sup>	% El min
BHN	HRB			
217	95	205	515	40

CS-938-15-11/20

12/11/20