

**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> AA10739 Rev 09 <b>Grade:</b> IS 6911, X04Cr19Ni9 / ASTM A240M, Type 304 / EN10088-2, X5CrNi18-10	AA1071839012	5 x 800 x 4000	12050	30/04/2023

**Remarks-**

1. Delivery period mentioned in enquiry is indicative, bidders to quote their best possible delivery.
2. Plate in multiple of width are also acceptable.
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>”

**5. 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

**6. EMD will be applicable (Amount as mentioned in bid document), however EMD is waived in following cases-**

- a. Central/ State – PSUs
- b. As per government guidelines, MSE suppliers are exempted for submission of EMD (Valid Documentary proof against MSE must be submitted along with offer to avail the benefits).
- c. The vendors registered with BHEL (HEEP), Haridwar are also exempted from EMD.
- d. Other exemptions on EMD will be as per GeM Terms and conditions.

### **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, X04Cr19Ni9 / ASTM A240M, Type 304 / EN10088-2, X5CrNi18-10.	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, X04Cr19Ni9 / ASTM A240M, Type 304 / EN10088-2, X5CrNi18-10 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 documents and specification.	
<b>2</b>	Plates to be supplied from manufacturers those are original steel producers only.	

**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)**

**AA10739 Rev:09**



## CORPORATE PURCHASING SPECIFICATION

AA10739

Rev No. 09

PAGE 1 of 2

**AUSTENTIC STAINLESS STEEL SHEETS, PLATES AND STRIPS -  
SOLUTION ANNEALED (IS:6911, X04Cr19Ni9 / ASTM A240M,  
TYPE 304 / EN10088-2, X5CrNi18-10)**

(ORDERING DESCRIPTION)

**1 GENERAL**

The sheets, plates and strips shall conform to the latest version of IS:6911, X04Cr19Ni9 / ASTM A240M, Type 304 / EN10088-2, X5CrNi18-10 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 REQUIRMENTS:**

As per X04Cr19Ni9N, IS:6911 / 304, ASTM A240M / X5CrNi18-10, EN10088-2, as applicable.

**6 TEST CERTIFICATES:**

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

- **BHEL References:**
- AA10739 -Rev. No.09 / Material Grade
- 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&GPS

**APPROVED:**

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

Rev No.09

Amd No.

Reaffirmed

Prepared  
HEEP, Haridwar

Issued  
Corp.R&D

Dt. of 1<sup>st</sup> Issue  
May 1980

Dt:30-09-2020

Dt:

Year:

AA10739

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, 'AA10739 / Material Grade, 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, 'AA10739 / Material Grade, melt No., BHEL order No.' on the top plate.

**FOR INFORMATION ONLY**

(ACTUAL VALUES TO BE TAKEN FROM IS / ASTM / EN AS APPLICABLE)

**CHEMICAL COMPOSITION**

C	SI	Mn	NI	Cr	S	P	N
≤ 0.07	≤ 0.75	≤ 2.0	8.0-10.5	17.5 - 19.5	≤ 0.030	≤ 0.045	≤ 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			
201	92	205	515	40