

BHARAT HEAVY ELECTRICALS LIMITED
HEEP HARIDWAR INDIA-PIN 249403
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Sub: Requirement of 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
Stainless Steel Plates Specification- AA10730 Rev 07 Grade: IS 6911, X02Cr17Ni12Mo2/ ASTM A240M, Type-316L / EN10088- 2, X2CrNiMo17-12-2	AA1071830279	90 x 1000 x 4000	8640	31/03/2023

Remarks-

1. Delivery period mentioned in enquiry is indicative, bidders to quote their best possible delivery.
2. Plate width and thickness shall be as per our tender only.
3. Vender can offer higher length size plates however acceptance of same shall be in BHEL discretion.
4. Quantity tolerance $\pm 10\%$ is acceptable in view of dimensional tolerances.
5. **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>”

6. Payment terms shall be as follows:

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

7. EMD will be 1% of estimated / reference value, 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

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 stainless-steel plates/sheets/strips for enquiry material grade (IS 6911, X02Cr17Ni12Mo2/ ASTM A240M, Type-316L / EN10088-2, X2CrNiMo17-12-2) and dimension only.	Vendor to submit copy of valid BIS Certificate / BIS Certification number.
	b	Enquiry plate/sheets/strips 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 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 enquiry material grade (IS 6911, X02Cr17Ni12Mo2 / ASTM A240M, Type-316L / EN10088-2, X2CrNiMo17-12-2) 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)
1	Testing and certification as per ordering documents and specification.	
2	Plates to be supplied from manufacturers those are original steel producers only.	

Signature with stamp

Name:

Name of Firm:

Designation:

Date:

(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)

AA10730 Rev:07



**AUSTENITIC STAINLESS STEEL SHEETS, PLATES AND STRIPS -
SOLUTION ANNEALED (ASTM A 240M, TYPE 316 L)**

ORDERING DESCRIPTION

1.0 GENERAL:

The sheets, plates and strips shall conform to the latest version of ASTM A 240M, Type 316 L and comply with the following additional requirements.

2.0 APPLICATION:

For general engineering purposes, where corrosion resistance is essential.

3.0 CONDITION OF DELIVERY:

Hot/Cold rolled, solution annealed and descaled (Finish number 1 or 2 B/2D).

4.0 DIMENSIONS AND TOLERANCES:

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

5.0 CHEMICAL COMPOSITION :

As per ASTM A 240M, Type 316 L.

6.0 TEST CERTIFICATES :

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

BHEL References :

AA 107 30 -Rev. No.07 / ASTM A 240M, Type:316 L
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 :
CI 28.4.15 of MOM of MRC-S&GPS

APPROVED : Interplant Material
Rationalization Committee-MRC (S&GPS)

Rev. No. 07

Amd.No.

Reaffirmed

Prepared

Issued

Dt. of 1st Issue

Dt.:09.01.2007

Dt :

Year :

HARDWAR

Corp. R&D

AUGUST, 1978

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CS-1120

**7.0 PACKING AND MARKING:**

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

For plates below 25 mm thick, each pile (preferably of 16 plates) shall be marked with suppliers identification mark, 'AA 107 30 / ASTM A 240 M, Type:316 L, 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, 'AA 107 30 / ASTM A 240 M, Type:316 L , melt No., BHEL order No., on the top plate

FOR INFORMATION ONLY**CHEMICAL COMPOSITION :**

C	Si	Mn	Ni	Cr	Mo	S	P	N
≤ 0.03	≤ 0.75	≤ 2.0	10.0-14.0	16.0-18.0	2.0-3.0	≤ 0.030	≤ 0.045	≤ 0.10

MECHANICAL PROPERTIES :

Hardness Max		0.2% PS min N/mm ²	UTS min N/mm ²	% El min	Cold Bend	î
BHN	HRB					
217	95	170	485	40	-	