

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

Sub: Requirement of SS 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
Rustless Plate 270 N/SQ. MM 0.2 % Proof Stress Grade X8CRNB17 Specification- HW10787 Rev: 00	HW1071787047	2 x (600-1500) x (3000-6000)	1000	30/04/2025
	HW1071787012	1.5 x (600-1500) x (3000-6000)	400	30/04/2025

Note: Sheets in Grade X3CrNb17 (Material no 1.4511 as per EN10088 Part 2) is also acceptable.

Remarks-

1. Delivery period mentioned in enquiry is indicative, bidders to quote their best possible delivery.
2. Quantity tolerance $\pm 10\%$ is acceptable in view of dimensional tolerances.
3. Sheets in Grade X3CrNb17 (Material no 1.4511 as per EN10088 Part 2) is also acceptable.
4. **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.

5. 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 delivery of material i.e. C-Note 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

6. “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.”
- 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.

Pre- Qualification Requirements

PQR Point	Qualification Requirement	Documents / Confirmation required	Vendor's response
1	Vendor must have manufactured and supplied stainless steel sheet of material grade X3CrNb17 / X8CrNb17 or any other stainless-steel sheets / plates against at least one purchase order in the last 10 years from enquiry issue date.	Copy of purchase order with its correlated test certificate for at least one supply in last 10 years to be submitted	
2	Vendor to confirm that they have adequate manufacturing facility (inhouse / outsourced) to manufacture stainless steel sheets for enquiry material grade & dimension.	Vendor's confirmation required	
3	Vendor to confirm that they adequate testing facility (inhouse / outsourced) to carry out testing as per enquiry stainless steel sheet. In case of outsourcing of any test, vendor to agree to carry out testing at NABL / Govt. / any other lab accrediting agency like ILAC/APLAC etc. approved labs only.	Vendor's confirmation required	

Note: In case bidder is Authorized dealer / trader / stockist, details against above PQR Clauses for principal manufacturer to be submitted.

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

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 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 HEPP 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.

(Specification)

HW10787 Rev:00



PLANT PURCHASING SPECIFICATION

HW 10787

HEEP — HARDWAR

PAGE 1 OF 23

270N/mm² 0.2% PROOF STRESS
RUSTLESS PLATE

1. **GENERAL:** This specification governs the quality of hot rolled, plates and sheets from the grade XBCr Nb17 according to DIN 17 440 and with the following instructions.
2. **APPLICATION:** The plate is used for manufacture of steam turbine components.
3. **CONDITION OF DELIVERY:** The plates and sheets shall be supplied in hot rolled heat-treated and pickled condition.
4. **DIMENSIONS AND TOLERANCE:** The plates and sheets shall be supplied to the dimensions as specified in the order. The tolerances shall be according to DIN 17440.
5. **MANUFACTURE:** The steel shall be manufactured in the basic electric furnace.
6. **HEAT TREATMENT:** The blades and sheets shall be heat-treated to get the specified mechanical properties as per clause 11.0.
7. **FREEDOM FROM DEFECTS:** The sheets/plates shall be free from cracks, laps, lamination chain type inclusions and other harmful defects.
8. **FINISH:** The surface shall be clean. However, the insignificant defects are permissible.
9. **CHEMICAL COMPOSITION:**
 - 9.1 The chemical composition of the steel shall conform to the following:

Element	Min.	Max.
Carbon	-	0.10
Silicon	-	1.0
Manganese	-	1.0
Chromium	16.0	18.0
Nb	12 x %C	12 x %C
Sulphur	-	0.030
Phosphorous	-	0.045

- 9.2 A part of Niobium (Nb) can be replaced by double amount of Tantalum (Ta).

REAFFIRMED YEAR 2022

Approved :

PLANT

PS

Revision :

Work By Ranjeet Date 27-12-79 C/A No
Check By Subject S. K. 27-12-79 TSX (NTS)-21-385

STANDARDIZATION COMMITTEE

2.60

K. K. GUPTA
STER. P. SINGH
MRC (MCA)

N. CHANDRA

PRAKASH SINGH

Issued

Date

STANDARDS
DIVISION

27-12-79

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SIGN & DATE

INVENTORY NO.

SIGN & DATE

REF. DOC. NO.

7LV 9235 01
12/77



PLANT PURCHASING SPECIFICATION

HEEP — HARDWAR

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SIGN & DATE

SUPERSEDES
INVENTORY NO.

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SIGN & DATE

INVENTORY NO.

9.3 Small deviation in the chemical composition can be permitted after making reference to BHEL, if the properties does not impair.

10. MECHANICAL PROPERTIES: The sheets/plates must conform to the following mechanical properties:

0.2% PROOF STRESS	270N/mm ² Min
Tensile Strength	450-600 N/mm ²
% Elongation	20% Min.

11. TEST CERTIFICATES: The supplier shall supply four copies of test certificate unless and otherwise stated on the order. The test certificates shall bear the following information:

11.1 BHEL Reference

Specification number
Order number

11.2 Supplier's reference

Name of the supplier
Material designation
Melt No.
Batch No. and test No.
Method of melting
Complete details of heat-treatment
Test results of chemical analysis
and mechanical properties
(all single values are to be given)
Confirmation of inspection carried out.
The test certificate must be signed by
Chief Metallurgist/Inspection of the
Works.

12. CLEARANCE: The total results of the tests carried out are decisive for clearance for delivery. The clearance, however, does not relieve the supplier of his responsibility for hidden non-permissible defects which are found later.

13. MARKING AND PACKING: Each sheets/plates shall be marked with supplier's symbol, material designation melt No., batch number and order number.

The above details shall be clearly stamped and be encircled by oil colour.

All the plates shall be suitably packed to protect them against corrosion and damage during transportation.

10787

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PLANT PURCHASING SPECIFICATION HEEP - HARDWAR

HW 10787

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RECORD OF CHANGES

REV. CODE	NO. OF CHGS	DOCU NO	SHEET NO.	SIGN	DATE	REV. CODE	NO. OF CHGS	DOCU NO	SHEET NO.	SIGN	DATE
a	3	TSX - (MTE)-93 - 418	1, 2 SHEET NO3 "RECORD OF CHANGES" ADDED	gjk	18/8/93						
b	1	TSX - MTE - 95 - 402	1	gjk	22/12/95						

DISTRIBUTION OF PRINTS

DEPTT	TGE	STE	AME	DME	HGE	HTE	ACE	HXE	MTE	IN	IN-SUL SYS	HLE	TSX	THC	PPX	MCX	CSX
	✓	✓				✓		✓	✓				✓			✓	
DEPTT	AIX	OSX	CCX	FAX	TFX	TLX (J&T)	TTX- GTX	TTX ST	TTX HT	TTX EM	WT	QAX	QCX	PCM	WC 202	WC 205	WC 227
	✓					✓		✓	✓	✓	✓	✓	✓		✓	✓	
DEPTT	FBM BL 11	HTM WC276	STM WC236	TLM WC832	ACM WC291	CIM WC330	FCM WC 356 /361	SUM WC370	WWM WC385	HXM WC390	WEX WC 8100	ESX	TRX	DFP	BP	GTE	MRL
	✓	✓	✓	✓										✓	✓	✓	✓
REVISION	DRAWN										WORKED						
											A.K. SAREEN						
											J-P. MEENA						
											18-8-93						
											18/8/93						

SIGN & DATE

INVENTORY NO. SUPERSEDES

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SIGN & DATE

INVENTORY NO.

P-1993

18-8-93

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: