

**Enquiry items along with quantities:**

lt. no.	Size & Item description	Technical requirement	Quantity in kg
1	8mm tkX50mm widthX3000mm – 5000mm LG	Mild steel flat to IS 2062, Grade E250, Quality A. Inspection at source by BHEL or BHEL appointed third party shall be done as per QAP No.: QAP/TSD/FMS/10108 Rev00 only. Final inspection at BHEL Bhopal. Test certificate covering all the chemical and mechanical properties to be furnished along with each consignment.	1100
2	10mm tkX75mm widthX3000mm – 5000mm LG		15400
3	6mm tkX25mm widthX3000mm – 5000mm LG		330
4	10mm tkX25mm widthX3000mm – 5000mm LG		550
TOTAL			17380 kg

Quantity variation as per below:

**For item 1** - Supplies quantity are to be restricted between 1100 kg & 900 kg.

**For item 2** - Supplies quantity are to be restricted between 15400 kg & 12600 kg.

**For item 3** - Supplies quantity are to be restricted between 330 kg & 270 kg.

**For item 4** - Supplies quantity are to be restricted between 550 kg & 450 kg.

**Pre-qualification criteria:**

S. No.	Description of pre-qualification requirement	Vendor's Response	
		Complied (YES/NO)	Supporting Documents required to accept compliance
1	Bidders may be either Manufacturer or their Authorized Dealer / Agent etc.		Certificate of being manufacturer (for manufacturer).  Authorized Dealer / Agent etc. have to submit valid authorization letter from original manufacturer. Firm name, address, email and contact no. etc. from whom items intended to be supply to be furnished.
2	Offers of those parties will be considered who or their Manufacturer has supplied "Steel products – Tubes / Pipes / Bars / Sheet / Flat "of minimum cumulative value of <b>INR 3.02 Lakh</b> in last 05 years from the date of tender opening.		The relevant PO copies along with Proof of Supply (Invoice copy with value / Completion certificate / CRAC etc.) to be submitted with Technical offer.
3	Startups and Micro & Small Enterprises ( <b>Manufacturer of offered items</b> ) are exempted for above clause of submission of PO and proof of supply of prior experience.		

Note:

1. BHEL has right to verify information / confirmation furnished by asking additional documents, proof etc.

**ALL THE ABOVE POINT WISE PRE-QUALIFICATION REQUIREMENT ARE TO BE NECESSARILY ACCEPTED BY THE BIDDERS FOR THEIR OFFERS TO BE CONSIDERED FAILING WHICH OFFERS SHALL BE REJECTED.**

MAKE IN INDIA format

**MAKE IN INDIA format (to be filled by OeMs of the participating bidders)**

**BHARAT HEAVY ELECTRICALS LIMITED, BHOPAL**  
**MATERIAL MANAGEMENT – STEEL DIVISION**

*For this Procurement, Government of India Public Procurement (Preference to Make in India), Order 2017 with its amendments and subsequent Orders issued by the respective nodal ministries shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT.*

*As per the Provisions of this order, please submit **a self-certification complying with the conditions below on company letterhead duly signed by competent authority.***

I ....., hereby declare on behalf of M/s. .... that we are participating in the Enquiry No. .... floated by BHEL, Bhopal (MP), India and shall comply with following:

1. Public Procurement (Preference to Make in India), Order 2017 *with its amendments* and subsequent Orders issued by the respective nodal ministries shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT.

(a) A supplier will be treated as **Class-I Local Suppliers**, if the items quoted by bidder have local content equal to or more than 50%.

(b) '**Local Content**' means the amount of value added in India, which shall be total value of item quoted (excluding net domestic indirect taxes) minus the value of imported content in the item (including all custom duties) as a proportion of the total value, **in percent**.

2. I hereby declare that our firm qualifies as **Class-I Local Suppliers**.

**a. The Local Content in the items quoted under this Enquiry is ..... Percent**

**b. Details of location(s) in India where this value addition shall be done, is/are as follows:**

- (a) .....  
(b) .....  
(c) .....

(.....)

For M/s. ....

(Seal & Sign)


**STANDARD QUALITY PLAN**

QAP NO:		QAP/TSD/FMS/10108		REV.00		Date: 20/01/2018				
CUSTOMER:		BHEL BHOPAL		VENDOR NAME:						
DESCRIPTION MATERIALS:		STRUCTURAL STEEL - STANDARD QUALITY (PLATES, SECTIONS, STRIPS FLATS & BARS)								
SPECIFICATION		AA10108		Rev. No.		II				
P.I./ENQ.NO./P.O. NO.				Date:						
Sr. No.	Characteristics	Class	Quantum of check	Reference Document	Acceptance Norm	Type of record	Inspection Agency			Remarks
							P	V	W	
01	Identification of test sample	Maj	One sample/heat.	AA 10108	AA 10108		2	I	I	
02	Chemical composition	Maj	One sample/heat	As per IS 2062	As per IS 2062		2	I	-	
03	Mechanical properties (Hardness Brinell)	Maj	One sample/heat	AA 10108	AA 10108		2	I	I	
04	Dimensional Inspection	Maj	10% of each lot	As per PO/ AA 10108	As per PO/ AA 10108		2	I	I	
05	Visual inspection (straight lengths without twists & Bends)	Maj	10% of each lot	AA 10108	AA 10108		2	I	I	
06	Marking and Identification (For Plate Including 10mm thick and above )	Maj	100%	AA 10108	AA 10108		2	I	I	10% of the lot to be witnessed by TPIA


Legends: Maj = Major, V= Verification, P=Perform, W= Witness, I=BHEL/BHEL appointed TPIA, 2= Vendor/Sub/Vendor

*Anand*  
Prepared By

*13/20/01/2018*  
Approved By

	<h1 style="text-align: center;">CORPORATE PURCHASING SPECIFICATION</h1>			AA10108		
				Rev No. 11		
				PAGE 1 of 2		
<h2>STRUCTURAL STEEL-STANDARD QUALITY</h2> <h3>(PLATES, SECTIONS, STRIPS, FLATS &amp; BARS)</h3> <h3>(ORDERING DESCRIPTION)</h3>						
<p><b>1.0 GENERAL:</b></p> <p>This specification governs the quality requirements of structural steel plates, strips, flats, bars and sections such as angles, beams, channels and tees etc. of IS: 2062 – 2011, Gr: E250, Quality A</p>						
<p><b>2.0 APPLICATION:</b></p> <p>For general engineering purpose.</p>						
<p><b>3.0 CONDITION OF DELIVERY:</b></p> <p>Plates, Bars &amp; Sections: Hot rolled in straight lengths without twists &amp; Bends</p>						
<p><b>4.0 COMPLIANCE WITH NATIONAL STANDARDS:</b></p> <p>Material shall comply with the requirements of IS: 2062 – 2011, Gr: E250, Quality A</p> <p>Material offered to EN 10025-2:2004 Gr. S275JR is also acceptable. The tolerance on dimensions for plates shall comply with EN 10029.</p>						
<p><b>5.0 DIMENSIONS AND TOLERANCES:</b></p>						
<p><b>5.1 DIMENSIONS:</b></p>						
<p><b>5.1.1 Sizes</b></p> <p>Material shall be supplied to the dimensions specified on BHEL Order.</p>						
<p><b>5.1.2 Length</b></p> <p>Unless otherwise specified, hot rolled bars and sections shall be supplied in 3 to 6 metres length.</p>						
<p><b>5.2 Tolerances:</b></p>						
<p><b>5.2.1</b> The tolerances on hot rolled material shall comply with IS: 1852. However, no plate shall be under the specified thickness at any point.</p>						
<p>Revisions: As per Cl. No. 38.1 of MOM of MRC-S&amp;GPS</p>				<p><b>APPROVED:</b> INTERPLANT MATERIAL RATIONALISATION COMMITTEE – MRC(S&amp;GPS)</p>		
Rev No.11	Amd No.	Reaffirmed	Prepared	Issued	Dt. of 1 <sup>st</sup> Issue	
Dt:22-02-2014	Dt:	Year:	99 HPEP, Hyderabad	Corp.R&D	July, 1976	

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**5.2.2 Straight for hot rolled bars:**

Unless otherwise specified, the permissible deviation in straightness shall not exceed 5 mm in any 1000 mm length.

**6.0 HARDNESS (BRINELL):**

When tested in accordance with IS: 1500, the material shall show a brinell hardness in the range of 120-156 HB.

Note: Hardness test shall be conducted only when tensile test cannot be performed.

**7.0 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.

AA10108 Rev.11 / IS:2062 Grade: E250 Quality A / EN 10025-2 Gr. S275JR,

BHEL order no., Melt no. Size, Results of chemical analysis and Mechanical tests, Supplier's name, Identification no. TC no., Signature of competent authority etc.

**8.0 PACKING AND MARKING:**

Plates shall be transported suitably to avoid damage during transit.

For plates below 10 mm thick, each pile (preferably of 16 plates) and each plate 10 mm thick & over shall be marked with melt no. AA10108, BHEL order no., Supplier's name, Identification no., Size & weight on any one corner and encircled with paint preferably of white colour.

**9.0 REFERRED STANDARDS (Latest publications including amendments):**

1) IS: 1500                      2) IS: 1852                      3) EN 10029

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