

Enquiry items along with quantities:

It. no	Size & Item description	Technical requirement	Quantity in kg
1	C.S.PLATES SPEC IS:2062, GRADE E250-BR/DIN EN 10025-2:2005: GRADE: S275JR 100 TK*2400*4600 MM(8.666 MT*5Nos)	100 TK X 2400 X 4600 MM - NORMALISED CARBON STEEL PLATE AS PER LATEST VERSION BHEL SPEC AA 10119 (EQUIVALENT SPEC. IS 2062, GRADE E250-BR / DIN EN 10025-2:2005 : GRADE: S275JR) WITH IMPACT TEST. ULTRASONICALLY TESTED IN ACCORDANCE WITH ASTM A-435 (EQUIVALENT) . WT. OF ONE PLATE - 8.666 MT APPROX., NUMBER OF PLATES: 5 NOS. QUANTITY (I.E. WEIGHT) TOLERANCE IS +10%. NEGATIVE TOLERANCE IN QUANTITY (I.E. WEIGHT) IS NOT ALLOWED AND NO NEGATIVE TOLERANCE IS ALLOWED IN ANY DIMENSION.	47665
2	C.S.PLATES SPEC IS:2062, GRADE E250-BR/DIN EN 10025-2:2005: GRADE: S275JR 110 TK*2500*3000 MM(6.476 MT*2Nos)	110 TK X 2500 X 3000 MM - NORMALISED CARBON STEEL PLATE AS PER LATEST VERSION BHEL SPEC AA 10119 (EQUIVALENT SPEC. IS 2062, GRADE E250-BR / DIN EN 10025-2:2005 : GRADE: S275JR) WITH IMPACT TEST. ULTRASONICALLY TESTED IN ACCORDANCE WITH ASTM A-435 (EQUIVALENT) . WT. OF ONE PLATE - 6.476 MT APPROX., NUMBER OF PLATES: 2 NOS. QUANTITY (I.E. WEIGHT) TOLERANCE IS +10%. NEGATIVE TOLERANCE IN QUANTITY (I.E. WEIGHT) IS NOT ALLOWED AND NO NEGATIVE TOLERANCE IS ALLOWED IN ANY DIMENSION.	14248
3	C.S.PLATES SPEC IS:2062 GRADE E 300(BR) 120 TK*2000*5000 MM (9.42 MT*5Nos)	120 TK. X 2000 X 5000 MM - NORMALISED CARBON STEEL PLATE AS PER LATEST VERSION OF IS:2062 GRADE E 300 (BR) (WITH IMPACT TEST), ULTRASONICALLY TEST AS PER ASTM A 435 AND THROUGH THICKNESS TEST AS PER DIN EN-10164 (QUALITY CLASS Z25) TO BE CARRIED OUT (WT. OF ONE PLATE - 9.42 MT APPROX., NUMBER OF PLATES: 5 NOS. QUANTITY(I.E. WEIGHT) TOLERANCE IS +10%, NEGATIVE TOLERANCE IN QUANTITY (I.E. WEIGHT) IS NOT ALLOWED AND NO NEGATIVE TOLERANCE IS ALLOWED IN ANY DIMENSION.	51810
TOTAL=			113723

1. Quantity variation as mentioned below:

Item-1, Supplies quantity are to be restricted between 47665 kg & 43332 kg.

Item-2, Supplies quantity are to be restricted between 14248 kg & 12953 kg.

Item-3, Supplies quantity are to be restricted between 51810 kg & 47100 kg.



TECHNICAL PRE-QUALIFICATION REQUIREMENTS (T-PQR)

HYDRO GENERATOR ENGINEERING DIVISION

DOC. NO. : HGO-2118
DATE: 21-07-2021
REV: 00
PAGE 1 OF 1

T-PQR for GLOBAL Tender Enquiries issued for various sizes of normalized thick Carbon Steel Plates as per AA10403 (ASTM A 516 Gr. 70), AA10119 (IS: 2002 Grade: E260- SR / EN 10028-2: Grade: S275JR) & EN10028-3: Grade P40NL1 Carbon Steel Plate as per IS 2002 E300 (JR)

Vendor Response																																																																			
S. No.	Description of pre-qualification requirement	Complied/ Not complied	Supporting Documents required to accept Compliance																																																																
1	Manufacturer (mill) of steel plate / their authorized representative / trader.	YES / NO	Certificate of being manufacturer (for manufacturer) For mills not registered with IHL / tender specific authorization letter on mill's letterhead (for authorized representatives). Above letter shall contain and confirm supplies to be as per technical specification called in the tender enquiry along with name & address of OEM / mill from which supplies are intended.																																																																
2	Company shall be certified with ISO 9001 or equivalent. In case of authorized representative, Valid ISO certificate of manufacturer is required.	YES / NO	Valid certificate of mill / CoM to be submitted. Not required if valid document is already furnished / available.																																																																
3	Vendor to furnish a list of their supplies mentioning thicknesses and sizes. To qualify for supplying a specific thickness, supplier should have supplied at least plate thicknesses not less than thicknesses indicated below. Any thickness higher than the indicated thickness would be acceptable. <table><tr><th>Indicated thickness</th><th>Minimum qualification thickness supplied earlier</th></tr><tr><td>35 mm</td><td>40 mm</td></tr><tr><td>40 mm</td><td>45 mm</td></tr><tr><td>45 mm</td><td>50 mm</td></tr><tr><td>50 mm</td><td>55 mm</td></tr><tr><td>55 mm</td><td>60 mm</td></tr><tr><td>60 mm</td><td>65 mm</td></tr><tr><td>65 mm</td><td>70 mm</td></tr><tr><td>70 mm</td><td>75 mm</td></tr><tr><td>75 mm</td><td>80 mm</td></tr><tr><td>80 mm</td><td>85 mm</td></tr><tr><td>85 mm</td><td>90 mm</td></tr><tr><td>90 mm</td><td>95 mm</td></tr><tr><td>95 mm</td><td>100 mm</td></tr><tr><td>100 mm</td><td>105 mm</td></tr><tr><td>105 mm</td><td>110 mm</td></tr><tr><td>110 mm</td><td>115 mm</td></tr><tr><td>115 mm</td><td>120 mm</td></tr><tr><td>120 mm</td><td>125 mm</td></tr><tr><td>125 mm</td><td>130 mm</td></tr><tr><td>130 mm</td><td>135 mm</td></tr><tr><td>135 mm</td><td>140 mm</td></tr><tr><td>140 mm</td><td>145 mm</td></tr><tr><td>145 mm</td><td>150 mm</td></tr><tr><td>150 mm</td><td>155 mm</td></tr><tr><td>155 mm</td><td>160 mm</td></tr><tr><td>160 mm</td><td>165 mm</td></tr><tr><td>165 mm</td><td>170 mm</td></tr><tr><td>170 mm</td><td>175 mm</td></tr><tr><td>175 mm</td><td>180 mm</td></tr><tr><td>180 mm</td><td>185 mm</td></tr><tr><td>185 mm</td><td>190 mm</td></tr></table>	Indicated thickness	Minimum qualification thickness supplied earlier	35 mm	40 mm	40 mm	45 mm	45 mm	50 mm	50 mm	55 mm	55 mm	60 mm	60 mm	65 mm	65 mm	70 mm	70 mm	75 mm	75 mm	80 mm	80 mm	85 mm	85 mm	90 mm	90 mm	95 mm	95 mm	100 mm	100 mm	105 mm	105 mm	110 mm	110 mm	115 mm	115 mm	120 mm	120 mm	125 mm	125 mm	130 mm	130 mm	135 mm	135 mm	140 mm	140 mm	145 mm	145 mm	150 mm	150 mm	155 mm	155 mm	160 mm	160 mm	165 mm	165 mm	170 mm	170 mm	175 mm	175 mm	180 mm	180 mm	185 mm	185 mm	190 mm	YES / NO	<ul style="list-style-type: none">For Mills / OEMs (both foreign and indigenous) – A list of past supplies made by the supplier.For stockiest/traders (both foreign & indigenous) – Tender specific mill authorization letter with size and quantity to be furnished for each item called. Supporting document like material TC of the mill from which authorization has been submitted (not generic) / PO no. if already supplied to IHL should also be furnished.
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4	Mill has operational & functional capacity is to supply tendered quantity within a period of 2 months.	YES / NO	Tender specific declaration by mill that their operational & functional capacity is to supply tendered quantity within a period of 2 months.																																																																

Prepared By

Checked By

Approved By

(Anil Bagin/HGE)

(D.K. Chandra)

(Signature)

Note-

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 (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)



CORPORATE PURCHASING SPECIFICATION

AA10119

Rev No. 1⁵

PAGE 1 of 2

STRUCTURAL STEEL - WELDABLE QUALITY (PLATES, SECTIONS, STRIPS, FLATS AND BARS)

ORDERING DESCRIPTION

1.0 GENERAL:

The material shall conform to IS 2062 – 2011, E250-Gr.BR (with mandatory Impact Test) or DIN EN 10025-2:2005, Gr. S275JR and comply with following additional requirements.

2.0 APPLICATION:

For general engineering purposes, suitable for welding.

3.0 CONDITION OF DELIVERY:

3.1 Bars & Sections shall be supplied in Hot rolled in straight lengths without twists and bends.

3.2 The material shall be supplied as per IS: 2062 – 2011, E250 Gr.BR (with mandatory Impact Test) or as per DIN EN 10025-2:2005 Gr. 275JR.

3.3 Any other additional requirement as per BHEL Purchase order.

4.0 DIMENSIONS AND TOLERANCES:

4.1 Sizes:

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

4.2 Tolerances:

The tolerances on hot rolled material shall comply with IS: 1852 or any other equivalent national standard.

4.3 Straightness for hot rolled bars:

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

5.0 TEST SAMPLES:

The selection of test pieces for all tests like Chemical, Mechanical etc. shall be as per IS: 2062, E250-Gr.BR or DIN EN 10025-2, Gr. S275JR.

Revisions:

Clause No. 1, 3, 5 & 8 revised (as per MOM of 38th MRC meeting), Clause 10 added

APPROVED:

INTERPLANT MATERIAL RATIONALISATION
COMMITTEE – MRC(S&GPS)

Rev No.15

Amd No.

Reaffirmed

Prepared

Issued

Dt. of 1st Issue

Dt:11-03-2014

Dt:

Year:

HPEP, Hyderabad

Corp.R&D

June, 1976

AA10119	<div>CORPORATE PURCHASING SPECIFICATION</div>	<div>बी एच ई एल BHEL</div>
Rev No. 15		
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6.0

ULTRASONIC EXAMINATION:

Plates shall be ultrasonically examined in accordance with BHEL standard AA0850120 (or ASTM-A435) as detailed below and shall comply with the acceptance standards specified therein.

6.1

For plates above 40 mm thick:

Shall be ultrasonically examined unless when otherwise specified in order.

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:

AA10119 - Rev.No.15/ IS: 2062-Gr: BR (with mandatory Impact test) or DIN EN 10025-2, Gr. S275JR,

BHEL order No.

Melt No, Size & Quantity, Batch No with heat treatment details, Results of Chemical analysis,

Mechanical tests & NDT, 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.

Each plate shall be marked with Melt No. Material grade and specification, BHEL Order No, Supplier's Name Identification No, Size & weight, on any one corner and encircled with paint preferably of white colour.

9.0

REJECTION AND REPLACEMENT

If the material does not comply with the requirements of this specification during receipt inspection at BHEL or if any defect is found during further processing of material, BHEL reserves the right to reject the whole consignment and the supplier shall replace the material free of cost. The rejected material shall be taken back by the supplier after fulfilling the commercial terms and conditions.

10.0

REFERRED STANDARDS (Latest publications including amendments):

1) IS: 1852

2) ASTM - A435

3) AA0850120