



# Bharat Heavy Electricals Limited

Ramachandrapuram, Hyderabad 502032, India.

Ref # CMM/PUR/2021/PQC/ D1A1T26995

Dt: 08.06.2020

Pre- Qualifying criteria for the vendors participating in "Open Tender for enquiry no D1A1T26995 for the supply of BQ, CS & AS Plates – Reg.

**Considering BHEL customers' requirement, offers from Chinese manufacturers are not allowed.**

Clause wise response of vendor is necessarily to be submitted for technical evaluation of technical bid

| SI NO                           | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Vendor's response | Details of the documents enclosed, if any |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------|
| <b>1.1 General Requirements</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                                           |
| <b>1.1.1</b>                    | The manufacturers or their authorized principals( authority letter to be submitted) who are submitting the offer shall have in-house steel melting , rolling, heat treatment and testing facilities suitable for the manufacturing & testing of all plates as per this enquiry. However, the shot blasting & primer coating activity can be outsourced.<br>Note:<br>i) Offers from traders (for the purpose of this tender, any agency who is keeping /buying./supplying materials from different manufacturers under the same company's name, will be treated as trader) will not be considered.<br>ii) Authority Letter from mill/ manufacturer shall be issued prior to the date of issue of tender. |                   |                                           |
| <b>1.1.2</b>                    | The offer shall be accompanied with relevant list of the in-house manufacturing and testing facilities & their capacities / ranges etc.<br>i) For supply of BQ/AS Plates list of in-house steel melting and refining furnaces (including VD/VOD/VCD), hot rolling facilities, heat treatment facilities and testing facilities need to be submitted<br>ii) For supply of CS Plates list of in-house hot rolling facilities, heat treatment facilities and testing facilities need to be submitted.<br>Company catalog or website address which included these details may be provided as an alternative.                                                                                                |                   |                                           |
| <b>1.1.3</b>                    | Vendors to confirm that they will meet all the requirements of BHEL specification provided with the enquiry. In case of any dispute/contradictions with the requirement of Pre-qualification criteria (this document) with the specification, the requirements of Pre-qualification criteria will be applicable.                                                                                                                                                                                                                                                                                                                                                                                        |                   |                                           |



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|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>1.1.4</b> | <p>The vendor must have experience of manufacturing and supplying plates of the corresponding standards and grades as mentioned in the enquiry. The TCs shall be submitted as an experience evidence.</p> <p>At least two copy (one for minimum and other for maximum thickness) of the mill/manufacturer test certificates (TC for BQ/AS Plates in IBR form) for the same or similar grade supplied by them to other customers shall be submitted along with the offer.</p> <p>a) The date of the issue of "Test certificate" shall not be older than 3 years from the NIT date.</p> <p>b) The mill test certificate shall include the results / reports for all the tests like Chemical, Mechanical and NDT etc., as required by BHEL Specification applicable to the present enquiry.</p> <p>c) The test certificates submitted as an evidence of the past experience of the manufacturer must indicate vacuum degassing, low temperature impact tests and ultrasonic testing as applicable to BHEL specification also.</p> <p>Note: i) The test certificate submitted for BQ plates will also be considered as an experience evidence upto same thickness, width and length for CS plates. In such case experience of CS plates need not to be submitted.</p> <p>ii) The test certificate submitted for AS plates will also be considered as an experience evidence upto same thickness, width and length for CS and BQ plates. In such case experience of CS and BQ plates need not to be submitted.</p> <p>iii) The test certificate submitted for CS plates will be considered for CS plates only as an experience evidence. This will be not treated as experience evidence for BQ Plates.</p> |  |  |
| <b>1.1.5</b> | <p>Evaluation of Experience Evidence :</p> <p><u>Test certificate submitted for BQ plates(dimensions are in mm):</u></p> <p>for minimum thickness : .....(t)X.....(w) X.....(l)</p> <p>for maximum thickness: .....(t)X.....(w) X.....(l)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |  |



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|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|              | <p><u>Test certificate submitted for AS plates(dimensions are in mm):</u></p> <p>For minimum thickness : .....(t)X.....(w) X.....(l)</p> <p>For maximum thickness: .....(t)X.....(w) X.....(l)</p> <p><u>Test certificate submitted for CS plates (dimensions are in mm):</u></p> <p>For minimum thickness: .....(t)X.....(w) X.....(l)</p> <p>For maximum thickness: .....(t)X.....(w) X.....(l)</p> <p>Note: i) Experience will be considered between the minimum and maximum dimension (t x w x l) of the plates for which TCs are submitted for respective grades and considering the response to the clause no 1.1.4 of Pre-qualification criteria (this document).</p> <p>ii) Vendor shall submit test certificate of lesser thickness plates with respect to lowest quoted plate thickness and same or higher thickness with respect to highest quoted plate thickness as per the enquiry. For length and width, the test certificate should have same or greater length and width than highest quoted thick plate.</p> |  |  |
| <b>1.1.6</b> | Prior to dispatch of the material, Test Certificates (English language only) shall be send to BHEL for review and dispatch clearance by BHEL. The photographs of the material with the traceability/ marking and condition of the material before dispatch may be provided for dispatch clearance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |  |
| <b>1.1.7</b> | As per "Ministry of Steel Order (latest as applicable)," if any of the enquiry items fall under "List of Steel Products under Mandatory Bureau of Indian Standards Certification," BIS certificate is to be provided mandatorily. The BIS certificate submitted by the vendor shall be valid till the delivery of material. In case the BIS certificate is expiring before the material delivery date, Vendor shall confirm the renewal of the certificate in advance so that the timely supply of the material to BHEL is ensured.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |



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| <b>1.2 Additional Technical Requirements for BQ Plates (HY 10470 Rev 10)) &amp; AS Plates (HY 10699 Rev 02)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>1.2.1</b>                                                                                                    | Material shall be free from mill scales. Vendors to confirm supply of BQ plates (HY 10470) and AS plates (HY10699) in shot blasted and primer coated condition up to and including 90 mm thickness.<br>Note: For BQ /AS plates thickness more than 90 mm clause no 3.2 and 13.0(3) of BHEL specification HY 10470 Rev 10 and clause no 3.1 and 12.0(3) of BHEL specification HY 10699 Rev 03 are not applicable for shot blasting requirements. |  |
| <b>1.2.2</b>                                                                                                    | Offer for supply of multiple length plates:<br>For plates up to and including 45 mm thickness, whole number multiple length (for 5000 mm length requirement 10000 mm and for 6300 mm length requirement 12600 mm) are also acceptable.                                                                                                                                                                                                          |  |
| <b>1.2.3</b>                                                                                                    | All Plates above 16 mm shall be marked with heat no, specification, grade, size on side face of plate along the length with suitable font sizes. In addition to the above, Plates below 16 mm shall be marked as per specification clause no 14.0 of BHEL specification HY 10470 Rev 10 & clause no 13.0 of BHEL specification HY 10699 Rev 02.                                                                                                 |  |

**Vendor Seal /Date**