

# TENDER ENQUIRY 2026OSB066

BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPPALLI

OUTSOURCING DEPARTMENT



**ANNEXURE-A | Pre-Qualification Requirements (PQR) for CFBC PANEL Fabrication [RS01, RS02 & RS03]**

Supplier Name:

Office Address:

Factory Address:

Contact details (Email id & Phone Number):

Spot assessment date:

## Part-A - (Mandatory)

| S# | Parameter for Evaluation                                                                       | Minimum required       | As given by Firm | As observed in Audit | Remarks | Ok/Not Ok |
|----|------------------------------------------------------------------------------------------------|------------------------|------------------|----------------------|---------|-----------|
|    | <b>LAND DETAILS :</b>                                                                          |                        |                  |                      |         |           |
| 1  | Land area . (If land is taken under lease, registered lease deed for 3 yrs period is required) | 1 Acre                 |                  |                      |         |           |
| 2  | Covered Shed                                                                                   | 10000 sq. ft           |                  |                      |         |           |
|    | <b>EB POWER</b>                                                                                |                        |                  |                      |         |           |
| 3  | Power capacity                                                                                 | 100 HP                 |                  |                      |         |           |
|    | <b>HANDLING FACILITIES</b>                                                                     |                        |                  |                      |         |           |
| 4  | Material handling crane capacity with stability certificate (A frame / EOT / Mobile crane)     | 10 MT                  |                  |                      |         |           |
|    | <b>SPECIFIC MACHINES :</b>                                                                     |                        |                  |                      |         |           |
| 5  | Roto Blasting machine or equivalent                                                            | 1 No                   |                  |                      |         |           |
| 6  | Panel Forming Machine                                                                          | 1 No                   |                  |                      |         |           |
| 7  | Tube bending machine - capable of bending from 33.4mm to 76.2mm dia tubes.                     | 1 no                   |                  |                      |         |           |
| 8  | (SMAW)Welding M/c 400 Amps Inverter / Rectifier                                                | 4 Nos                  |                  |                      |         |           |
| 9  | TIG welding machines for tube butt joints                                                      | 2 Nos                  |                  |                      |         |           |
| 10 | Tube boring and chamferring machine                                                            | 4 Nos each             |                  |                      |         |           |
| 11 | Spectrotesting machine - Portable type                                                         | In-house or Outsourced | 1/3              |                      |         |           |

|    |                                                                                              |                                                |  |  |  |  |
|----|----------------------------------------------------------------------------------------------|------------------------------------------------|--|--|--|--|
| 12 | Preheating/post heating - fuel & burner facilities                                           | 1 No. for each welding centre                  |  |  |  |  |
| 13 | Hydro testing pumps - 400 Kg/Sq Cm with calibrated pressure gauges                           | 1 No                                           |  |  |  |  |
| 14 | Firm approval by IBR for boiler pressure parts                                               | Must be available                              |  |  |  |  |
| 15 | Ball & Sponge Test Facility with compressor                                                  | <b>1 No</b>                                    |  |  |  |  |
| 16 | Spray painting facility or equivalent                                                        | 1 No or Outsourced from BHEL approved source.  |  |  |  |  |
| 17 | D-Meter (for thickness checking)                                                             | 1 No or Outsourced from BHEL approved source.  |  |  |  |  |
| 18 | Layout marking facilities.                                                                   | 1 No                                           |  |  |  |  |
|    | <b>OVEN</b>                                                                                  |                                                |  |  |  |  |
| 19 | Electrode Baking oven                                                                        | 1 No                                           |  |  |  |  |
| 20 | Electrode Holding oven                                                                       | 1 No                                           |  |  |  |  |
| 21 | Flask oven                                                                                   | 3 Nos                                          |  |  |  |  |
|    | <b>INSPECTION FACILITIES</b>                                                                 |                                                |  |  |  |  |
| 22 | LPI Kit                                                                                      | 1 Set                                          |  |  |  |  |
| 23 | Level II LPI,MPI and UT,RT (if UT/RT is in house) qualified personnel with valid certificate | 1 Person for each type.                        |  |  |  |  |
| 24 | RT                                                                                           | In-house or Outsourced from IBR approved firms |  |  |  |  |
| 25 | IBR qualified welders for CS & AS                                                            | 2 persons                                      |  |  |  |  |
|    | <b>MEASURING INSTRUMENTS</b>                                                                 |                                                |  |  |  |  |
| 26 | Measuring tapes - 5m, 30m *                                                                  | 1 No each                                      |  |  |  |  |
| 27 | Vernier caliper - 150 mm                                                                     | 1 No                                           |  |  |  |  |
| 28 | Paint coating thickness meter                                                                | 1 No or Outsourced from BHEL approved source.  |  |  |  |  |
|    | <b>GRINDING MACHINES:</b>                                                                    |                                                |  |  |  |  |
| 29 | Tube cutting machine                                                                         | 1 No                                           |  |  |  |  |
| 30 | Grinding machines                                                                            | 3 Nos                                          |  |  |  |  |
|    | <b>PAN &amp; GST :</b>                                                                       |                                                |  |  |  |  |
| 31 | IT Pan Card No                                                                               | Original to be offered for verification        |  |  |  |  |
| 32 | GST No                                                                                       | Original to be offered for verification        |  |  |  |  |
|    | <b>OFFICE ROOM :</b>                                                                         |                                                |  |  |  |  |

|                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                        |      |                                             |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------------------------|--|--|--|
| 33                                                                                                                                                                                                                                                                                                                  | Office room with 2 PC / LAPTOP , internet facility and printer                                                                                                                                                         | Must |                                             |  |  |  |
| <b>Part - B (Optional)</b>                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                        |      |                                             |  |  |  |
| 1                                                                                                                                                                                                                                                                                                                   | Gen. set                                                                                                                                                                                                               | 1 No |                                             |  |  |  |
| 2                                                                                                                                                                                                                                                                                                                   | Stenciling/Engraving/Dot punching facility                                                                                                                                                                             | --   |                                             |  |  |  |
| 3                                                                                                                                                                                                                                                                                                                   | Gang bending machine                                                                                                                                                                                                   | --   |                                             |  |  |  |
| <b>NOTE_1:</b><br><b>A. All Measuring instruments/gauges (Tapes - one time calibration) must have valid calibration certificate from any NABL accredited lab.</b><br><b>B. For any outsourced facility mentioned as per checklist, earlier executed POs or valid agreement for facility tie-up must be produced</b> |                                                                                                                                                                                                                        |      |                                             |  |  |  |
| <b>Part-C: Final Recommendation (for BHEL use only)</b>                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                        |      |                                             |  |  |  |
| Recommendation after checklist verification:                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                        |      |                                             |  |  |  |
| Recommendation after spot assessment:                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                        |      |                                             |  |  |  |
| Assessor.1-TCA (Spot assessment):                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                        |      | Assessor.2 - Co-assessor (Spot assessment): |  |  |  |
| <b>Note 2:</b>                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                        |      |                                             |  |  |  |
| 01                                                                                                                                                                                                                                                                                                                  | <b>Part-A requirement is a must for qualifying the vendor. Hence, filling up all evaluation parameters is a must and all mandatory facilities shall be available at vendor premises at the time of spot assessment</b> |      |                                             |  |  |  |
| 02                                                                                                                                                                                                                                                                                                                  | <b>Part-B is only optional and need not be considered for disqualifying the vendor.</b>                                                                                                                                |      |                                             |  |  |  |