

PQR for the vendors

for conducting Remnant Life Assessment (RLA) of Boilers

Only competent and experienced vendors are to be considered for this critical task

A. Technical Requirements

1. Experience

- The vendor must have a minimum of **3 years of experience** in conducting RLA in water tube Boilers.
- Completed at least **2 RLA projects** for similar boilers within the last 5 years. (The projects should preferably be for clients within the industrial or power sector, with at least one in (preferably in Odisha) or in India).

2. Certifications

- The vendor must be registered and certified under IBR authority of Odisha.
- Certified by ISO 9001-2015 (Quality Management) and preferably ISO 17025 (General requirements for the competence of testing and calibration laboratories).
- Personnel should be qualified in relevant NDT techniques per ASNT (American Society for Nondestructive Testing) Level II or Level III.

3. Technical Resources

- Access to advanced NDT equipment and technology for RLA, such as ultrasonic flaw detectors, thickness gauges, hardness testers, portable spectrometers, and any additional tools required.
- Demonstrated capacity for metallurgical analysis and knowledge of boiler components, creep, fatigue analysis, and weld inspection.
- Vendor must have an established Lab facilities or have access to the above lab facilities.

B. Financial Requirements

1. Annual Turnover

- The vendor should have a minimum annual turnover of **₹1 Crores** for each of the last 3 financial years, supported by audited financial statements.
- Positive net worth and profitability in the last 3 financial years.

2. Solvency Certificate

- A solvency certificate from a nationalized or scheduled bank certifying the financial stability of the vendor.

C. Statutory Compliance and Safety Standards

1. Health, Safety, and Environment (HSE) Compliance

- The vendor must adhere to all applicable health, safety, and environmental regulations, specifically within the boiler inspection and assessment sector .

2. Legal Compliance

- The vendor should not have been blacklisted or involved in any litigation related to its professional conduct in the past 5 years.

4. Document Submission Requirements

The vendor must submit the following documents to qualify:

- Company Profile, including key management and technical staff details.
- Copies of relevant certifications, licenses, and safety certifications.
- Details of completed RLA projects with client references, including project scope, methodologies used, and outcomes.
- List of equipment and tools intended for use in the project.
- Audited financial statements for the last 3 years.
- Bank solvency certificate.
- HSE policy and compliance records.

5. Evaluation Criteria

The vendor pre-qualification assessment will be based on a weighted scoring system:

- Experience and Project Track Record – 30%
- Compliance and Certifications – 15%

- Technical and NDT Equipment Capability – 25%
- Financial Stability – 20%
- Safety and Legal Compliance – 10%