

KFD/KOCK/BLR/THD/2026/80

12.05.2026

QUOTATION NOTICE

Sub: Invitation of Quotations for Annual Maintenance, Inspection and Renewal Works of Boiler No. K-1153 (Thermodyne Make)

Sealed quotations are invited from competent and experienced contractors/agencies having valid authorization and experience in boiler maintenance and IBR-related works for carrying out annual maintenance, inspection assistance, and statutory renewal works of Boiler No. K-1153 (Thermodyne Make-3TPH, Horizontal multitubular triple pass, double furnace wet back type) at Kerafed Oil Complex, Karunagappally.

The following works are proposed to be carried out in compliance with the Indian Boiler Regulations (IBR) and statutory safety requirements.

SCOPE OF WORK

The proposed scope of work is detailed below:-

1. **Chemical Cleaning of Boiler (Water Side):**
Complete chemical descaling and cleaning of the boiler shell and internal water-side surfaces to remove scale, sludge, and deposits using approved chemicals and standard procedures, ensuring no damage to pressure parts.
2. **Mechanical Cleaning:**
 - Manual cleaning of water-side and flue gas-side surfaces
 - Cleaning of 112 Nos. fire tubes
 - Cleaning of 46 Nos. air preheater tubes
3. **Servicing of Boiler Mountings:**
 - Overhauling of Mobrey level control unit
 - Servicing of gauge glass assembly
 - Replacement of:
 - 2 Nos. gauge glasses
 - 4 Nos. cone washers
 - 6 Nos. sleeves
4. **Valve Maintenance:**
Servicing/overhauling of:
 - 2 Nos. 2" globe valves
 - 1 No. gate valve installed at the main steam header



5. Replacement of Pressure Tappings:
Replacement of 2 Nos. ½” forged valves (IBR certified):
 - o One at main pressure gauge connection
 - o One at pressure switch connection
6. Chimney Maintenance:
Surface preparation and application of two coats of heat-resistant paint(Aluminium/Silver) withstanding temperatures up to 400°C.
7. Pressure Gauge Replacement:
Replacement of main header pressure gauge (range: 0–28 kg/cm²) along with its ½” isolation valve, ensuring all components are IBR certified.
8. Sealing System Renewal:
Replacement of asbestos rope groove(channel) at front casing and rear casing to ensure proper sealing and prevent heat loss including replacement of asbestos ropes of all openings.
9. Steam Line Replacement:
Replacement of the existing steam pipeline from the main header to the Value Added Plant, including necessary fittings and steam traps, ensuring proper insulation and compliance with IBR standards.

Note: -Wherever replacement is mentioned, it shall be carried out using IBR-certified components and a valid IBR certificate shall be issued for the same and all works/material-components supply shall comply with applicable IBR standards.

GENERAL TERMS AND CONDITIONS

1. The quoted rate shall be inclusive of:
 - o Cost of all materials
 - o Labour charges
 - o Transportation
 - o Loading/unloading
 - o Boarding and lodging of workers
 - o Consumables and chemicals
 - o Welding electrodes, gases, gaskets, insulation materials, paints, etc.
 - o Tools and tackles
 - o Scaffolding arrangements
 - o Inspection assistance
 - o Submission of certificates and documentation
 - o Taxes and duties if applicable
2. Contractor shall verify the site conditions and scope of work before submitting quotation, if required.



3. Payment terms:- 100% against satisfactory completion of work(along with submission of completion certificate) and upon getting boiler operating certificate from boiler inspectorate
4. All works shall strictly comply with:
 - o Indian Boiler Regulations
 - o Factory safety rules
 - o Industrial safety standards
 - o Hot work permit system(if any)
 - o Work at height safety requirements
 - o Confined space entry procedures
 - o Electrical and fire safety regulations
5. Contractor shall provide all required PPEs to workers
6. Contractor shall deploy qualified, experienced, and competent manpower under the supervision of a responsible supervisor.
7. Welding works (if any) shall be carried out by qualified welders as per applicable standards.
8. Necessary lifting tools, chain blocks, scaffolding, platforms, ladders, welding machines, lighting arrangements, and manpower etc shall be arranged by the contractor.
9. Any damage caused to plant equipment/property during execution of work shall be rectified by the contractor at their own risk and cost.
10. Contractor shall maintain proper housekeeping and cleanliness at work site throughout the execution period and after completion of works.
11. All dismantled scrap/waste materials shall be removed and disposed of as per instructions of the plant authorities.
12. Work completion period shall be **15 days** from the date of commencement/order issue.
13. Necessary documentation, drawings, test reports, inspection assistance, and statutory coordination required for certification/renewal shall be under the contractor's scope.
14. Statutory inspection fees/payments payable to Government departments, if any, shall be borne by Kerafed.
15. Submission of the following documents is mandatory:
 - Valid contractor license for boiler works
 - GST registration copy
 - PAN copy
 - Work completion certificates/experience details if available
 - IBR certificates for replaced components
 - Material test certificates if any
 - Completion report
15. Contractor shall comply with company rules, discipline, and code of conduct while inside the factory premises.
16. Contractor shall ensure that no unsafe practices are adopted during execution of work.
17. In case of any accident occurring due to negligence of contractor/workers, the contractor shall be fully responsible for all liabilities.



18. The management reserves the right to:

- Accept or reject any quotation without assigning reasons
- Cancel the quotation process fully or partially
- Negotiate rates if required

19. An amount of **Rs. 3,000/-** shall be remitted as EMD along with the quotation.

20. Quotations received without EMD and required documents are liable to be rejected.

21. The sealed quotation should reach the undersigned on or before **18/05/2026**.

TECHNICAL SPECIFICATIONS

- All valves, fittings, gauges, and pressure parts etc shall conform to IBR requirements.
- Pressure gauge shall be calibrated and supplied with calibration certificate.
- Heat resistant paint used for chimney shall withstand minimum 400°C temperature.
- Steam pipeline materials shall be of approved grade (IBR)suitable for steam service pressure and temperature.
- Steam traps supplied shall be industrial grade suitable for continuous operation.
- Insulation materials shall be suitable for high-temperature steam application.
- Chemicals used for boiler cleaning shall be non-corrosive to boiler tubes and shell material.


Plant Manager

