



No. E-3832/CKCL/RDF-Valiyavelicham/2026

03/06/2026

EXPRESSION OF INTEREST (EOI)

Sealed Expressions of Interest (EOI) are invited from reputed manufacturers/ suppliers/ technology providers / experienced agencies having proven expertise in the field of Municipal Solid Waste Processing, Refuse Derived Fuel (RDF) production, Waste-to-Energy projects, and allied sectors for the design, engineering, supply, installation, testing, commissioning, operation and maintenance of a Refuse Derived Fuel (RDF) Plant at KSIDC Industrial Estate, Valiyavelicham, Kannur, Kerala

1. Plant Capacity: 80-100 TPD

2. Scope of Work

The scope of work shall broadly include:

- Design and engineering of the RDF plant.
- Supply of all machinery, equipment, tools and accessories required for the plant, Including all related mechanical and electrical works.
- Installation, testing and commissioning of the complete facility.
- Trial operation and performance testing.
- Operation and maintenance of the RDF plant for the stipulated period, at a plant capacity of 80-100 TPD.
- Design and establishment of a fully equipped QA/QC laboratory.
- Compliance with all applicable statutory, environmental and safety regulations.

3. Eligibility Criteria

Interested agencies shall:

- Have 2 years (min) experience in executing similar RDF or waste-to-energy projects.
- Have successfully executed at least 3 RDF or waste-to-energy projects.

Registered Office : TC-29/1732, Second Floor, State Municipal House,

Vazhuthacaud, Trivandrum - 10, Kerala

CIN : U90000KL2013SGC035624

Phone : 0471-2724600 || Website : www.cleankeralacompany.com

Email : cleankeralacompany@gmail.com | info@cleankeralacompany.com

- Possess adequate technical expertise, manpower and infrastructure.
- Have valid statutory registrations including GST, PAN and other applicable licenses.
- Demonstrate sound financial capability and organizational strength.
- The channel partner shall have achieved an **average annual turnover of not less than INR 10 Crore (Rupees Ten Crore only) during the last two (2) financial years**, supported by audited financial statements certified by a Chartered Accountant.
- The bidder shall furnish copies of audited balance sheets, profit and loss accounts, and relevant financial certificates along with the EOI submission.

4. Machinery Specifications

The detailed technical specifications, performance requirements, and equipment list for the proposed Refuse Derived Fuel (RDF) Plant are provided in Annexure-I:

All machinery and systems shall be supplied in accordance with the specified capacities, configurations, and operational requirements.

5. Location

The RDF Plant is to be established at:

Clean Kerala Company Ltd. KSIDC Industrial Estate, Valiyavelicham, Kannur, Kerala

6. Submission of EOI

- Interested parties shall submit their EOI in a sealed cover superscribed: *“EOI for Supply, Installation, Commissioning and Operation of a Refuse Derived Fuel (RDF) Plant at KSIDC Industrial Estate, Valiyavelicham, Kannur, Kerala”*

The EOI shall contain:

- Covering Letter.
- Company Profile.
- Details of Similar Projects Executed.
- Technical Credentials and Experience.
- Financial Statements for the last two years.

- Details of Key Personnel.
- Product/Technology Brochures.
- Copies of Statutory Registrations and Certifications.

7. EOI Date Details

7.1. Date of Issue of EOI

Date of Issue: 03/06/2026

7.2. Pre bid meeting (online): 06/06/2026 at 11 Am

7.3. Last Date for Submission of EOI

Last Date & Time for Submission: 11/06/2026 at 5Pm

7.4. Date & Time of Opening of EOI: 12/06/2026 at 11 Am

8. Submission Mode

- Sealed cover submission
- Superscribed as:
“Expression of Interest for RDF Plant at KSIDC Industrial Estate, Kannur”
- Submission to: The Managing Director, Clean Kerala Company Limited, State Municipal House, Opposite Chinmaya Vidyalaya, Vazhuthacaud, Trivandrum 695010

9. Additional Information

- Clean Kerala Company Limited, reserve the right to accept or reject any or all EOIs without assigning any reason.
- Detailed technical specification and commercial terms will be provided to shortlisted applicants in the subsequent request for proposal (RPF) stage.
- For more details and specifications, please visit our website

www.cleankeralacompany.com and contact 0471-2724600, 7558084422




Managing Director

Clean Kerala Company Limited

Managing Director
Clean Kerala Company Limited
Thiruvananthapuram - 10

Annexure-I (Technical Specifications)

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- **Primary Shredder : 1 No.**

Type: Twin shaft shredder

Motor Configuration: 75 HP + 75 HP

Total Power: 150HP

Gear Box: Planetary with cooling system

No. of Gearboxes: 2Nos

- **Secondary Shredder : 1 No.**

Type: Twin shaft shredder

Motor Configuration: 75 HP + 75 HP

Total Power: 150HP

Gear Box: Planetary with cooling system

No. of Gearboxes: 2Nos

- **Trommel For Screening : 1 No.**

Length: 5,000 mm

Diameter: 1,500 mm

Motor: 25 HP

Gear Box: 1 No. Planetary Gear

- **Horizontal Hydraulic Baler: 1No.**

Capacity : 7-9 TPH (Suitable for RDF handling)

Main Motor: 40HP, 3 Phase, 1440 RPM

Feeder Conveyor Motor : 7.5 HP, 3 Phase, 1440 RPM

Operation: Fully Automatic with PLC Control

Tying System : Auto Tie Mechanism

- **Conveyors (Bulk)**

Bull Horn Conveyors -Width : 1200 mm

Conveyor Locations: Main feed conveyor to trommel, Trommel reject conveyor, Feed conveyor to shredder 1, Feed conveyor to shredder 2, Feed conveyor to Baler

- **Fork Lift With Bale Clamp : 2Nos**

Fork Lift Capacity: 3.0 Ton

Attachment Required: Bale Clamp

- **Front End & Backhoe Loader : 1 No.**

Model: JCB 3DX or Equivalent

