Clean Kerala Company Limited

Exression of Interest

EOI No : E3/CKCL/1018/2026-EEE **Date: 29/10/2026**

Sealed Expressions of Interest (EOI) are invited from reputed Original Equipment Manufacturers (OEMs), authorised dealers, and distributors dealing with the relevant equipment for the Supply, Installation, Testing and Commissioning of a UPS System for Computers and an Inverter System for Lights and Fans with LFP Batteries at CKCL Head Office.

1. Introduction

Clean Kerala Company Ltd. (CKCL) invites Expressions of Interest (EOI) from eligible and experienced agencies for the supply, installation, testing and commissioning of a UPS System and an Inverter System with Lithium Iron Phosphate (LFP) batteries at CKCL Head Office.

The purpose of the proposed installation is to provide uninterrupted backup power to computers and other connected equipment, as well as backup power for lights and fans during power interruptions.

2. Scope of Work

The scope of work shall include:

1. Supply, installation, testing and commissioning of a UPS System for computers, cameras and other connected equipment.
2. Supply and installation of an Inverter System for lights and fans.
3. Supply of suitable LFP batteries for both systems.
4. Supply and installation of all necessary accessories, battery racks, cabling, wiring, protection devices and other materials required for proper functioning of the systems.
5. Testing and commissioning of the complete systems to ensure satisfactory operation.
6. Demonstration of the system and Hands-on training to CKCL personnel.
7. Providing manufacturer's datasheets, warranty documents, user manuals and other relevant documentation.
8. Any other accessories or minor works necessary for the satisfactory operation of the complete system shall be deemed included in the scope.

3. Technical Requirements

A. UPS System

- Capacity: 5 kVA.
- Nominal O/P Voltage: 220V.
- Nominal Capacity :100Ah.
- Maximum charging current: 50A
- Charging Time: 2–3 hours.
- Cell Chemistry: LiFePO4
- Cycle life: More than 5000 Cycles.
- Suitable battery bank stand/ battery rack.
- Integrated battery management system
- Output: Pure sine wave output.
- The system shall provide a backup duration of 3 to 6 hours.
- Necessary input/output cabling, installation accessories and related materials.

B. Inverter System

- Capacity: 3 KVA.
- Nominal O/P Voltage: 220V.
- Nominal Capacity :100Ah.
- Maximum charging current: 50A
- Charging Time: 2–3 hours.
- Cell Chemistry: LiFePO4
- Cycle life: More than 5000 Cycles.
- Suitable battery bank stand/ battery rack.
- Integrated battery management system
- Output: Pure sine wave output.
- The system shall provide a backup duration of 3 to 6 hours.
- Necessary input/output cabling, installation accessories and related materials.

C. The bidder shall specify the following details of the proposed batteries:

- Battery make, model and technical specifications.
- Battery voltage and capacity (Ah/kWh) conforming to the common technical specifications specified in the EOI.
- Usable energy capacity and expected backup duration for the respective connected loads, with a backup duration of 3 to 6 hours.
- Expected cycle life under the specified operating conditions.
- Battery Management System (BMS) and safety protection features.
- Charging requirements and compatibility with the proposed UPS/inverter.
- Manufacturer's warranty and expected service life.
- Details of after-sales service and technical support.
- Technical datasheets of the UPS, inverter and LFP batteries.
- Installation methodology and proposed system configuration.
- Estimated service life, maintenance requirements and replacement costs.
- Battery replacement requirements and maintenance recommendations.
- Any additional technical information considered relevant.

4. Eligibility Criteria

Interested agencies/firms shall preferably meet the following requirements:

1. The agency shall be a legally registered firm/company/organization.
2. The agency shall have experience in the supply and installation of Inverter, UPS or similar systems.
3. The agency shall have adequate technical capability and qualified personnel to undertake the work.
4. The agency shall have necessary after-sales service and technical support facilities.
5. The agency shall submit details of similar works executed during the last three years, wherever applicable.
6. The agency shall provide valid GST registration and other applicable statutory registration details.

5. Documents to be Submitted

Interested agencies shall submit the following along with their EOI:

- Company/Firm profile.

- Registration certificate/details.
- GST registration certificate.
- Details of similar works completed/executed.
- Technical proposal with detailed make and model.
- Product datasheets/brochures.
- Warranty details.
- Details of after-sales service/support.
- List of deviations, if any, from the indicative specifications.
- Commercial quotation/price schedule.
- Any other relevant information supporting the agency's capability.

6. Delivery and Completion

The selected agency shall complete the supply, installation, testing and commissioning of the complete system within the period specified by CKCL in the work order/purchase order.

7. Warranty

The bidder shall provide a minimum of **3 years replacement warranty** for each equipment supplied such as UPS, inverter, LFP batteries and other supplied equipment separately. The bidder shall submit a warranty commitment confirming coverage for the entire warranty period. The bidder shall also provide the necessary manufacturer's warranty documents at the time of supply.

The bidder shall have an established after-sales service facility within Kerala. Details of the service centre, including its address and contact information, shall be submitted along with the EOI.

8.Complaint Resolution and Response Time

The bidder shall submit a declaration on its official letterhead confirming that, upon receipt of a complaint, its service personnel shall attend to the issue within **24 hours of registration of the complaint**.

9. Submission of EOI

Interested parties shall submit their EOI in a sealed cover superscribed:

"EOI for UPS System and an Inverter System with LFP Batteries at CKCL Head Office".

Date of issue of EOI : 30/10/2026
Last date for submission of EOI: 07/11/2026 @ 5.00 pm

Date & Time of opening of EOI: 09/11/2026 @ 11.00 am
and shall be addressed to:

The Managing Director,
Clean Kerala Company Ltd,
Regd Office: TC-29/1732, Second floor,
State Municipal House,
Vazhuthacaud, Trivandrum-10, Kerala

10. Additional Information

- Submission of an EOI does not confer any right on the bidder for award of work.
- CKCL reserves the right to accept or reject any or all EOIs without assigning any reason.
- CKCL reserves the right to modify the scope/specifications, if required.
- CKCL reserves the right to cancel the EOI at any time without assigning any reason. No claim shall be entertained in this regard.
- All equipment and batteries shall be new, unused and of current/available models at the time of supply.
- The proposed UPS, inverter and LFP batteries shall be mutually compatible and suitable for the intended loads.
- The bidder shall ensure that all necessary safety protections are incorporated into the system.
- The successful agency shall ensure proper installation, configuration, testing and demonstration of the complete system.
- No additional payment shall be admissible for accessories or components that are necessary for the satisfactory functioning of the complete system but have not been separately mentioned in the quotation.
- For more details and specifications, please visit our website www.cleankeralacompany.com and contact 0471 2724600, 8848715910.

CLEAN KERALA COMPANY LIMITED
THIRUVANANTHAPURAM

Digitally signed by SURESHKUMAR G K
Date: 30.10.2026 12:54:21

MANAGING DIRECTOR
Managing Director