



**THE TRAVANCORE-COCHIN CHEMICALS LTD**

(A Kerala Government Company)

Post Bag No.4004, Udyogamandal P.O.,

Kochi -683 501, Kerala.

**Invites**

**Expression of Interest  
(EOI)**

**From**

**Renewable Energy Developers**

**For**

**Procurement of 22 MW(AC) Renewable Energy  
(Solar/Wind/ BESS/ Hybrid) on a Long-Term basis**

**EOI Document No.TCCL/EOI/2024-2025 dt. 29.01.2025**



## DISCLAIMER

1. This Expression of Interest (EOI) document is not an agreement or offer by the issuer to the prospective Participants or any other party. The purpose of the EOI is to explore the market potential and has no compulsions to enter into definitive Agreements (PPA).
2. This EOI document does not guarantee conversion of this EOI into any definitive agreement. TCCL in its sole discretion may reject any and all proposals made by the Participants, may change the conditions relating to the EOI, or cancel this EOI at any time without assigning any reason. TCCL will have no obligation/liability towards anyone in the event of cancellation of this EOI.
3. While this EOI document has been prepared in good faith, neither the issuer nor its employees make any representation or warranty express or implied as to the accuracy, reliability or completeness of the information contained in this EOI document.
4. Neither TCCL nor any of its employees will have any liability to any Participant or any other person under the law of contract, tort, the principles of restitution or unjust enrichment, or otherwise for any loss, expense, or damage which may arise from or be incurred or suffered in connection with anything contained in this EOI document, any matter deemed to form part of this EOI document, the process, the information supplied by or on behalf of TCCL or its employees, or otherwise arising in any way from the selection process for the said supply of power.
5. TCCL reserves the right to accept or reject any or all applications and cancel/withdraw the EOI process without assigning any reason whatsoever and in such case, Participant shall not have any claim arising out of such action.

## **INTRODUCTION**

TCC Ltd, is a Kerala state government Undertaking, engaged in the business of manufacturing Caustic Soda and other chemicals, through its 250 TPD, Caustic-Chlorine plant situated at Udyogamandal, Kochi, Kerala. TCCL is a major industrial electricity consumer in Kerala. The contract demand of TCC is 26.3 MVA and we consume about 215 million units of energy per year for our production capacity of 82500 TPA of Caustic Soda. The main process is electrolysis of brine solution, which involves a large quantity of electrical energy. The energy cost alone account for a significant part of the production cost and hence cheap power is vital for our operations.

TCCL has embarked on an initiative to decrease electricity expenses, thereby enhancing sustainability and minimizing environmental impact by reducing its carbon footprint. At present, TCCL is sourcing its power partly from the Kerala State Electricity Board Ltd. (KSEBL) and partly through Short Term Open Access from the Indian Electricity Exchange (IEX). The cost of electricity from KSEBL is high and there is uncertainty over the availability of cheap power from the electricity exchanges. There is Renewable Power Obligation (RPO) for the power purchased through Open Access. TCCL intends to source cheaper RE power to meet our power requirements at optimum rates and also to meet our RPO and Energy Storage obligations.

In view of this, TCC plans to procure 22 MW(AC) of renewable energy under suitable modes from reputed Renewable Energy Developers.

## **PURPOSE AND SCOPE OF TENDER**

As a part of our mission towards power independence and utilization of renewal power sources and reduction of the Carbon footprint, we intend to purchase 22 MW(AC) Solar/ Wind/ BESS/ Hybrid, RE power from renewable energy developers through RESCO (OPEX), Group Captive or any other suitable models

This EOI has been floated to assess the market potential and procure power from interested renewable energy suppliers. At a later stage, based on the EOI response, TCCL may also sign the bilateral PPA with the most competitive source. The terms and conditions of the PPA except those provided in this EOI, will be similar to the PPA issued under "MNRE Guidelines for Tariff Based Competitive Bidding Process for Procurement of Power from the Grid Connected Wind Solar Hybrid Projects" issued on 14.10.2020 as amended from time to time. However, Company reserves its right to approve the above PPA including commercials.

Prior to signing the PPA, technical discussions/ clarifications/presentations may be held.

## PARTICIPANT'S ELIGIBILITY CONDITION

- The Participant shall be a renewable energy generation company. The Participant may be a single Company or a group of Companies ("Consortium") coming to implement the Renewable Energy Hybrid Project. A Company registered in India, having CIN, GSTIN, and PAN shall be eligible to participate in the EOI.
- The Participant shall have commercially operational Renewable Energy (Solar/Wind/Hybrid) Generating plants with a cumulative capacity of at least 20 MW within India.
- Net worth of the Participant shall be positive and at least 20 % of the total project cost, as applicable to the offer. The Participant shall provide the document along with the offer in support of the Net Worth.

## BRIEF SCOPE AND TERMS OF POWER PROCUREMENT

Brief scope of power procurement by TCCL under this EOI is as under

Scope		Details
1	Procurer	TCC LTD Udyogamandal, Eloor Kochi - 683501
2	Broad Scope	The supplier shall supply power generated from Solar/ Wind/ BESS/ Hybrid Renewable Power Project for the term as specified in this EOI.
3	Quantum	22 MW (AC) Capacity
4	Contract Period	20 to 25 years
5	Delivery Point	110 KV Grid of TCCL
6	Expected CUF	30%
7	Minimum Offer Capacity	5 MW
8	Billing	Monthly basis
9	Due Date	30 days from the billing date
10	Rebate	2% for payment within 2 days from the date of billing

11	Late Payment Surcharge	The marginal cost of funds based lending rate for one year of the State Bank of India, as applicable on the 1st April of the financial year in which the period lies.
12	Payment Security Mechanism	Adequate Payment Security shall be provided to the Supplier. The Payment Security shall be in the form of a Bank Guarantee, with a value of estimated one month of average monthly billing valid for the term of the PPA

(a) The procurement of power shall be in energy (MWh) terms. The MW capacity offered to TCCL and the Capacity Utilisation Factor (CUF) shall be indicated in the EOI application. Calculation of CUF will be on yearly basis.

(b) In case the project supplies energy less than the energy corresponding to the minimum CUF, the power producer will be liable to pay to the Procurer, penalty for the shortfall in availability of energy, in accordance with the terms of the PPA.

(c) In case the energy available is more than the quantum corresponding to maximum CUF specified, the Power producer will be free to sell it to any other entity provided first right to refusal will vest with the Procurer. In case the Procurer purchases the excess generation, the same may be at the PPA tariff.

(d) In order to allow optimization of operation of RE, the Generator is allowed to supply power from the RE power plant in excess of contracted capacity, to any third party or power exchange without requiring any No-Objection Certificate (NOC) from the Procurer.

(e) Developers who have already commissioned Solar PV plants or are in process of constructing such plants and have untied capacity may also participate in the EOI.

(f) The scheduling and its punching thereof at different Regional Load Despatch Centres (RLDCs) / State Load Despatch Centres (SLDCs) (including the injecting, intervening and buyer SLDCs/ RLDCs) shall be the responsibility of the power producer only.

(g) Deviation Settlement Mechanism: For deviations from schedule, the DSM (Deviation Settlement Mechanism) shall be applicable as per the prevailing regulations. The DSM charges at the generator end shall be settled by the Solar Power Generator.

(h) TCC shall use the energy procured from the project to meet its RPO/ESO obligations. TCC will have the sole rights over the REC, Carbon credits, etc., for the entire energy procured from the project and the power producer will not have any rights in this respect.

(i) The applicant shall mention any deviations from these terms in the application.

## INSTRUCTIONS

The Participants are required to submit the EOI application complete in all respects in soft copy to the following email address: **tenders@tckerala.com**

Participants can submit more than one EOI application for different projects or locations. There would be pre bid meeting, interested parties shall send their email regarding their intend for participating in pre bid meeting.

- Date of EOI : 31.01.2025
- Date of pre bid meeting : 14.02.2025
- Last date of seeking clarifications : 20.02.2025
- Reply to queries/ clarifications : 28.02.2025
- EOI Submission End Date : 10.03.2025
- EOI Validity : 120 days from the date of submission

**Nodal Person for Seeking Clarifications: Mr. Shibu Kurian, AGM(Electrical), Mob: 7736045045**

### **Annexures:**

Following are the annexures required to be filled and submitted by the Participant.

**Annexure - A:** Application Form

**Annexure - B:** Participant's Profile

**Annexure - C:** Price offer

**Annexure - D:** Any other Information, if required, and deviations from the terms mentioned.

**Annexure - A**  
**(EXPRESSION OF INTEREST: APPLICATION FORM)**  
*(To be submitted on Company's Letter Head)*

Ref No.

Date:

**TCC Limited,**  
**Udyogamandal, Eloor**  
**Kochi -683501**

**Sub: Expression of Interest (EOI) for Supply of Renewable Energy (RE) from Renewable Energy Developers.**

This has reference to your EOI Document No. **TCCL/EOI/2024-2025** dated 29.01.2025 on the subject ----- (Name of the Participant), hereby submit its Expression of Interest (EOI) for setting up a Solar/ Wind/ BESS/ Hybrid Power Project for supplying the full or part of generated Renewable Energy to TCC Ltd. for the period of 20 to 25 years and in accordance with the conditions stipulated in the EOI document.

We understand that, this EOI document does not guarantee conversion of this EOI into any definitive agreement.

We also understand that TCCL reserves the right to accept or reject any or all applications and cancel/withdraw the EOI process without assigning any reason whatsoever and in such case, participant shall not have any claim arising out of such action.

(Signature)

(Name and Designation of Authorized Person)

(COMPANY SEAL)



**Annexure – B**

**PARTICIPANT PROFILE**

<b>Sl. No.</b>	<b>Particular</b>	<b>Details</b>
1.	Name of the Participant Company	
2.	Whether single Company or Consortium. If Consortium, Name of lead partner (which shall be same as the participating company) and other members.	
3.	CIN of the Participant	
4.	Date of Registration in India	
5.	Address for Correspondence	
6.	Name of the Authorized Person	
7.	Designation	
8.	E-Mail Address	
9.	Telephone	Mobile No:
10.	Cumulative capacity of the commercially operational Renewable Energy Generating plants of the Participant	
11.	Net worth of the participant in FY 2023-24.	
12.	Likely Project Details (Location, type of project ( Solar/Wind/ BESS/ Hybrid), total plant capacity in MW,etc.)	
13.	Month-wise Generation Profile of the Hybrid Project	(Expected month-wise generation in MU for 12 months of a year)
14.	Additional attachment	<ul style="list-style-type: none"> <li>• Last Published Audited Annual Report.</li> <li>• Document related to Net Worth.</li> <li>• Brief Corporate Profile along with Operational capacities (including financial details and shareholding pattern)</li> </ul>

**Annexure C**

**PRICE OFFER**

1	Total Capacity of the Project	
2	Capacity Offered (MW) to TCC LTD	
3	Source Wise Capacity Offered (MW)	Solar .....MW Wind: .....MW BESS .....MW Any other .....MW
4	Estimated total project cost.	
5	Expected COD of the Project from date of award	
6	Injection point	
7	Voltage (KV) at injection point	
8	Connectivity details with STU/ CTU	
9	CUF (%)	
10	Contract Period	
11	Fixed Tariff (Rs./Unit) for entire term, at the injection point.	
12	Any other information	

**Company Seal & Signature of the Authorized Representative**

Name:

Designation:

## Annexure D

Any other information, if required and deviations from the terms mentioned.



