



KERALA STATE COASTAL AREA DEVELOPMENT CORPORATION LTD.

(A Government of Kerala Undertaking)

Saji Cherian
Chairman & Minister for Fisheries,
Harbour Engineering, Fisheries University
Culture, Film & Youth Affairs)

P.I. Sheik Pareeth
Managing Director

DATE-19/02/24

NO-156/H/24/KSCADC

NOTICE INVITING EXPRESSION OF INTEREST **FOR ROOF TOP SOLAR PHOTOVOLTAIC (PV)**

Coastal Area Development Corporation, pioneering the installation of Roof Top Solar Photovoltaic (PV) system throughout the State desires to invite EOI for the empanelment of various agencies for the installation of rooftop solar system across Kerala.

The empanelment of agencies has been done for the installation of grid-connected SPV system with capacity from 1 kW to 10 kW, and above 10 kW under SOURA/MNRE subsidy program. Apart from installation the project includes comprehensive maintenance of the system for 5 years, SPV module warranty for at least 10 years, performance warranty of SPV module for 25 years, and a grid-connected solar inverter warranty for at least 5 years.

Time period for completion

The period for the completion of the orders placed shall be 30 days from the date of order or time as per MNRE/Soura request whichever is earlier.

Only firms/companies that have completed a cumulative capacity installation of over 50 kW are eligible to apply.

Scope

The scope includes the Supply, Installation, Testing and Commissioning of grid-connected Roof Top Solar PV systems. All the necessary approvals from KSEBL/Electrical Inspectorate, necessary civil work, mounting of solar PV module structures, solar PV module installation, inverter installation, DC/AC cabling and interconnections, installation of lightning arresters and earthing system as per the standards, arranging all the necessary inspections from KSEBL/Electrical Inspectorate, commissioning of the solar PV system, are under the scope of the bidder.

System Component:

1. **Solar PV module:** Mono PERC half-cut of capacity above 550Wp (MNRE Approved)
2. **Solar Inverter:** AC to DC ratio 1:1, Make: Growatt, Power One, Dye, Havells, Goodwe, Solis, Sungrow, ABB, EVVO (Any other similar make approved by KSCADC)
3. **Cables:** 25 Mtr AC and DC, Make: Polycab, Havells, Finolex, KEI, Gloster, V-Guard, Siechem, Waaree (Any other similar make approved by KSCADC)
4. **MMS:** Aluminium/GI (Any other similar make approved by KSCADC)

Rate

Capacity	Rate without GST
3kW On Grid	
5kW On Grid	
10kW On Grid	

Net Meter Charges	Rate without GST
1Ph, 40A, 1S	
3Ph, 60A, 1S	
3Ph, -/5A, 0.5S	
3Ph, -/5A, 0.2S	
CT -PT, .2S	

The application must be submitted on or before 27/02/2024.

Submission will be accepted via a sealed envelope. All envelopes shall be sealed and marked "Expression of interest for grid connected Roof Top Solar PV system, and received in the following address: Managing Director, Kerala State Coastal Area Development Corporation Ltd., KSCADC Building, Kamaleswaram, Manacaud.PO, Thiruvananthapuram - 695009 . Ph +91471 2321520, e- mail: kscadc@gmail.com.



Managing Director