

File No.: C.SS-6090/20

Date: 10/02/2025

Notice Inviting Tender / e-Tender / Quotation

Thrissur Corporation Electricity Department invites sealed quotation / open tenders / e-Tenders from eligible applicants, who fulfill the qualification criteria as stipulated in the Store Purchase Manual Kerala, Kerala PWD Code & LGSD Tender regulations for the Supply / Work mentioned in the below-tabulation sheet.

The details of the Tender are as per following :

Approximate Cost of Supply / Work	:	3,70,000/- (incl. GST)
Supply / Work Description	:	15 KV Insulation Poles (Detailed specs attached) 1 nos
Tender Security / EMD / Amt.	:	3700/-
Cost of Tender Form	:	896/- (incl. GST)
Tender Document on Sale	:	
A.S. approved by	:	As per Council R.M. - 32 dt. 29/11/24
T.S. approved by	:	Approved Electric Engineer
Last Date & Time of issuing Tender Form	:	7/3/2025 12 noon
Last Date & Time of Submitting Tender	:	7/3/2025 2 PM
Date & Time of Opening Tender	:	7/3/2025 3 PM
Authority & Place for submit of Tender	:	Electricity Department, Thrissur Corporation - 680001

* Sale of Tender form available only after 2. P.M. everyday once tender floated.

* Applicants must have GST Registration

* Quoted rate should be inclusive of relevant Taxes

* Tender inviting officer shall have every right to revoke tender / quotation at any time without any reason

* Those who participate in work tender should own concerned electrical contract licensee.

Assistant Secretary

ASSISTANT SECRETARY
ELECTRICITY DEPARTMENT
THRISSUR MUNICIPAL CORPORATION

Specifications

The equipment must be capable of performing the following tests:

- Insulation Resistance (IR)
- Polarization Index (PI)
- Dielectric Absorption Ratio (DAR)
- Ramp Test (RAMP)
- Step Voltage (STEP)
- Dielectric Discharge Index (DD)
- Capacitance Measurement (μF)
- Current Measurement (nA)

It should support a voltage range from 50V to 15,000V, with selectable options of 50V, 250V, 500V, 1kV, 2.5kV, 5kV, 10kV, and 15kV. The equipment must maintain a maximum permissible tolerance of 5% to 10% $\pm 10\text{V}$. It should be able to withstand a short circuit current of 7mA or more. The insulation resistance range should be from 0.005 M Ω to 30.0 T Ω or higher, with an accuracy of $\pm 10\%$ reading ± 3 digits or better.


The instrument digital display must include:

1. Voltage gear and range indication
2. Normal/Ramp mode status
3. Output terminal state
4. Insulation Resistance (IR) measurement
5. Dielectric Absorption Ratio (DAR) measurement
6. Polarization Index (PI) measurement
7. Dielectric Discharge Index (DD) measurement
8. Distributed Capacitance (CAP) measurement
9. Estimated test duration
10. HELP button
11. Bluetooth, USB, and battery power indicators
12. Test time display
13. Transient Current value
14. Transient Voltage value
15. Ambient temperature and humidity during the test

Accessories to be provided along with the instrument:

- High Voltage Rod
- Alligator Clip Test Wire (Not less than 10 Meters)
- Alligator Clips
- Hook
- USB Communication Cable
- Software CD
- Charger and Battery
- Instrument Bag
- Manual/Warranty Card
- Test Certificate


Electrical Engineer
Electricity Dept.
Thrisur
Pin 571302


K. N. M. I. L.
ASSISTANT ENGINEER
ELECTRICITY DEPARTMENT
THRISUR MUNICIPAL CORPORATION