

TENDER DOCUMENT

FOR

REPLACEMENT OF 11KV CT & PT IN THE EXISTING LOAD BREAK
SWITCH AT KERAFED OIL COMPLEX KARUNAGAPPALLY

NIT NO: KFD/KOCK/ELE/HT/ 2025/5124

DATED 30.07.2025



KERAFED OIL COMPLEX

KS PURAM, PUTHIYAKAVU, KARUNAGAPPALLY, KOLLAM (DIST)

KERALA -690544

PH NO: 0476-2620627/828/827/9633883136

Email: kock@kerafed.com

KFD/KOCK/ELE/HT/2025/5124

30-07-2025

TENDER NOTICE

Sealed tenders are invited from eligible and experienced contractors/manufacturers for the supply, installation, and commissioning of new 11kV Current Transformers (CTs) and Potential Transformers (PTs), along with integration with the new TOD metering system, to facilitate the implementation of KSEB's Smart Metering System under RDSS Phase-I

Schedule of Work:

Sl. No.	Specification	Qty
1	Supply, installation, and commissioning of three (3) new Resin Cast Current Transformers (CTs) of rating 50/5A, 0.2S accuracy class, 15 VA, fully compatible with the KSEB Smart Metering System. The scope includes all associated modification works required to accommodate the new CTs, including supply of all necessary materials and accessories. Approved Makes: Resitech / Indus / Intrans / Unipower / Equivalent (subject to prior approval).	3 Nos.
2	Supply, installation, and commissioning of one (1) set of new Resin Cast Potential Transformer (PT) of rating 11kV/110V, 0.2 accuracy class, 100 VA, complete with fuses and enclosure, and suitable for integration with the existing system. The scope includes all associated modification works required to accommodate the new PT, including the supply of all necessary materials and accessories. Approved Makes: Resitech / Indus / Intrans / Unipower / Equivalent (subject to prior approval).	1 Set
3	Dismantling existing CTs/PT from the existing Load break switch.	1 L.S.

(Note: Testing of CTs and PTs at the KSEB TMR Lab will be carried out separately by KERA FED.)

TERMS AND CONDITIONS

- Eligibility:** The bidder must have prior experience in HT metering equipment supply and installation, and must be authorized to supply approved makes.
- Standards:** All supplied equipment and executed work shall adhere to KSEB, CEA, and Indian Standards.
- Compatibility:** The contractor must ensure full compatibility with KSEB's Smart Metering System.
- Completion Time:** All work should be completed within **45 working days** from the date of the Work Order.
- Site Visit:** A site visit is recommended before quoting.



6. **Dismantled Equipment:** All removed equipment must be handed over to the plant store.
7. **Inclusive Pricing:** Rates quoted must be inclusive of GST, duties, and transportation to the site.
8. **Payment Terms:** **100% payment** will be made after successful completion and commissioning, certified by the KSEB Engineer-In-Charge.
9. **Earnest Money Deposit (EMD):**
 - An EMD of ₹2,000/- (Rupees Two Thousand only) shall be submitted along with the quotation.
 - The EMD shall be submitted through a Demand Draft drawn in favour of “KERAFED Oil Complex, Karunagappally” payable at Karunagappally or via online transfer (details available on request).
 - Quotations without the EMD will be summarily rejected.

SUBMISSION DETAILS

Each bidder must submit the following documents as part of their tender submission. Incomplete submissions are liable to be rejected.

1. Covering Letter

On official company letterhead

2. Experience Certificate

Proof of successful completion of similar HT metering system supply and installation works within the last 3 years.

Issued by a government department, utility company (like KSEB), or another reputed client.

3. Price Bid

As per the Bill of Quantities (BOQ) format provided in the tender.

Should be signed and sealed by the authorized signatory.

Must be inclusive of all applicable taxes, duties, and transportation charges.

4. Earnest Money Deposit (EMD)

An EMD of ₹2,000/- (Rupees Two Thousand only) is to be submitted in one of the following ways:

5. Demand Draft in favour of “KERAFED Oil Complex, Karunagappally”, payable at Karunagappally

OR Proof of Online Transfer (details to be requested if opting for this mode)

Tenders without a valid EMD will be summarily rejected.

6. Company Registration & GST Certificate

Valid company registration certificate, Copy of GST registration indicating the GSTIN number

Last Date & Time of Receipt: 19/08/2025, 3.00 PM

Mode of Submission: Courier/Post/In-person: Addressed to

The Plant Manager,

KERAFED Oil Complex,

Karunagappally, Kollam District, Kerala – 690544

Contact Details:

Phone: 9633883136

Website: <https://kerafed.com>



Yours faithfully

Plant Manager

PRICE BID (Schedule of Works)

Sl. No.	Specification	Qty	Amount
A	PART A: SUPPLY OF MATERIALS		
1	Supply, installation, and commissioning of three (3) new Resin Cast Current Transformers (CTs) of rating 50/5A, 0.2S accuracy class, 15 VA, fully compatible with the KSEB Smart Metering System. The scope includes all associated modification works required to accommodate the new CTs, including the supply of all necessary materials and accessories. Approved Makes: Resitech / Indus / Intrans / Unipower / Equivalent (subject to prior approval).	3 Nos.	
2	Supply, installation, and commissioning of one (1) set of new Resin Cast Potential Transformer (PT) of rating 11kV/110V, 0.2 accuracy class, 100 VA, complete with fuses and enclosure, and suitable for integration with the existing system. The scope includes all associated modification works required to accommodate the new PT, including the supply of all necessary materials and accessories. Approved Makes: Resitech / Indus / Intrans / Unipower / Equivalent (subject to prior approval).	1 Set	
3	Dismantling existing CTs/PT from the existing Load break switch	1 L.S.	
	Total Amount		
(Rupees.....)			

