GOVERNMENT OF KERALA

IRRIGATION DEPARTMENT

JOINT DIRECTOR, CM&FE, KERI, PEECHI.

e-Government Procurement (e-GP) NOTICE INVITING TENDER

No. DB3/789/2025-26 Dated: 04.10.2025

E-TENDER NO. 01/JDCMFE/2025-26

The Joint Director, Construction Materials &Foundation Engineering Division, KERI Peechi,for and on behalf of the Governor of Kerala invites online bids from the registered bidders of Irrigation Department / PWD for the following work.

1	Name of work	**Procurement of Digital UCC Testing Machine**
2	Earnest Money Deposit (EMD)	Rs 4700/- (e-payment only)
3	Tender Submission Fee	Rs. 560/- (e-Payment only)
4	Period of completion	01-03-2026
5	Classification of Bidder	Authorized Suppliers
6	Tender documents	Can be downloaded from e-GP Website www.etenders.kerala.gov.in
7	Document down load date	06.10.2025. 6.00PM
8	Document clarification period if required	NA
9	Online bid submission starting date	06.10.2025. 6.00PM
10	Online bid submission closing date	13.10.2025, 6.00 PM
11	Last date and time of receipt of relevant document as mentioned (NIT) by speed post	17.10.2025 2.00PM
12	Date and time of opening of online tender bid	17.10.2025,2.30 PM

Tender documents and tender schedule may be downloaded free of cost from the e-GP Website www.etenders.kerala.gov.inThe bid submission fee and EMD shall be remitted online as per e-tendering process.

All bid / tender documents are to be submitted online on the e-GP website. Tenders / bids shall be accepted only through online mode on the e-GP website and no manual submission of the same shall be entertained. Late tenders will not be accepted.

. The scanned copy of the Preliminary Agreement in Kerala stamp paper worth **Rs.220/-** duly filled and signed by the bidder shall also be submitted online. More details on EMD & cost of tender documents / bid submission fee are mentioned in the SBD. The bids shall be opened online at the office of the ***Joint Director, Construction Materials & Foundation Engineering Division, KERI Peechi***,at the above mentioned date and time by the ***Joint Director, Construction Materials & Foundation Engineering Division, KERI Peechi***, in the presence of the Bidders or their authorized representatives who are present at the time and venue. If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be done on the next working day at the same time and place.

Tenders received online and the original received by post (except bid), without the necessary documents mentioned above will not be considered and shall be summarily rejected. Further details can be had from the Office of the ***Joint Director, Construction Materials & Foundation Engineering Division, KERI Peechi***, during working hours.

The firm period of the tenders shall be 60 days from the due date of submission of bid.

The bidder is advised to submit the bids well before the stipulated date & time to avoid any kind of network issues, traffic congestion, etc. In this regard, the department shall not be responsible for any kind of such issues faced by bidder. All other existing conditions related to the tenders of Kerala PWD / Irrigation Department will be applicable in this tender also.

Technical Specifications:

1. **Load Frame**
   - Type: Motorized loading mechanism with precision screw drive
   - Capacity: 50 kN
   - Speed Control: 4-speed selectable settings
   - Recommended Strain Rate: 1.25 mm/min, suitable for Unconfined Compression (UCC) tests
   - Features:
     - Stable, backlash-free operation for uniform axial loading

- Corrosion-resistant frame with rigid construction
- Compatible with load and deformation sensors for digital display and data logging

2. **Digital Conversion Kit**

- High-accuracy digital indicator with compatible load and displacement sensors
- Real-time display of load and deformation

3. **Plain Platen with Adaptor**

- Made of hardened steel for uniform load distribution
- Includes adaptors for securely mounting 38 mm diameter cylindrical specimens

4. **Split Mould**

- Internal dimensions: 38 mm diameter × 76 mm height
- Split-type design for easy demoulding without disturbing the soil sample
- Constructed from corrosion-resistant metal

5. **Rubber Sheath**

- Designed to enclose the soil specimen during testing
- Prevents moisture loss and sample disturbance

6. **Sensors**

- Load Cell: High-sensitivity type, 2 kN capacity
- Deformation Measurement:
  - Sensor type: LVDT or equivalent
  - Range: 25 mm
  - Least count / resolution: 0.01 mm

7. Manufacture should have ISO 9001 certification.
8. Supplier should have a service centre in Kerala
9. The supply should be made to Office of Deputy Director, Soil Mechanics and Foundation Divison ,KERI, Peechi.
10. The payment shall be done only after supply, installation and successful demonstration of the equipment in the laboratory.

JOINT DIRCETOR
Construction Materials & Foundation Engineering Division, KERI Peechi,
(For and on behalf of Governor of Kerala)

Signature valid
Digitally signed by GEETHA E S
Date: 2025.10.06 11:53:09 IST
Location: Kerala-KL