GOVERNMENT OF KERALA

IRRIGATION DEPARTMENT

JOINT DIRECTOR, CM&FE, KERI, PEECHI.

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

No. DB3/790/2025-26 Dated: 04.10.2025

E-TENDER NO. 02/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 California Bearing Ratio (CBR) Testing Machine**
2	Earnest Money Deposit (EMD)	Rs 5750/- (e-payment only)
3	Tender Submission Fee	Rs. 600/- (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
11	Date and time of opening of online tender bid	17.10.2025, 3.00PM

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. **Digital Laboratory California Bearing Ratio Test Apparatus**
    - Digital motorized 50 kN capacityload frame with three test speeds (1.25 mm/min, 1.5 mm/min, and 2.5 mm/min)
    - Compact, bench top design
    - Rapid Platen Adjustment
    - Suitable for operation on 220V, 50Hz, single phase, AC supply
    - Rigid body construction for long-term use

2. **DAQ & Analysis Module**
    - Digital acquisition system with user-friendly interface
    - User-friendly software interface for test control and data visualization
    - Compatible with PC for real-time data display and report generation
3. **Gunmetal Mould Assembly**
    - High-strength mould with collar and base plate
    - Durable construction for extended service life
4. **Digital Conversion Kit**

- Digital Indicator: Micro controller multi line alpha numeric LCD display for all simultaneously channel
- Load Cell:
    - Capacity:50kNCompression type
    - Maximum overload: 110% of the rated capacity
    - Sensing: Strain Gauges in full bridge configuration
- Displacement Transducer:
    - Sensor type: LVDT
    - Range: 20 mm
    - Least count / resolution: 0.01 mm

1. Manufacture should have ISO 9001 certification.
2. Supplier should have a service centre in Kerala
3. The supply should be made to Office of Deputy Director, Soil Mechanics and Foundation Divison ,KERI, Peechi.
4. 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 12:56:39 IST
Location: Kerala-KL