

TENDER NOTICE

Sealed tenders are invited for Purchase of Load Cell 5 kN Capacity for Civil Engineering Department

Approximate cost Rs 1,55,000

Specification separately attached in website : www.gectcr.ac.in

The envelopes containing the tender should bear the superscription "Tender No.D2/58/23-24 due on 03/01/2024 2 p m and should be addressed to the Principal, Government Engineering. College, Thrissur, Kerala..

Last date for receipt of tenders will be **03/01/2024** 2.00 pm Late tenders will not be accepted. The tenders will be opened at Government Engineering College Thrissur on **04/01/2024** 2.00 PM in the presence of such of the tenderers or their authorized representatives who may be present at that time. Intending tenderers may, on application to the Principal, Govt. Engineering. College, Thrissur, obtain the requisite tender forms on which tenders should be submitted. Application for the tender form should be accompanied by a cash remittance of Rs.472/-(400+18%GST) + postal charge which is the price fixed for a form/set of forms and which is not refundable under any circumstances. The tender forms are not transferable. Sale of tender forms will be closed at 2.00 pm on **03/01/2024** Cheques, postage stamps, etc., will not be accepted towards the cost of forms, nor will the forms be sent per V.P.P.

Tenders should be accompanied by an EMD of 1%, i.e., Rs. 1550/-, of the amount by DD drawn in favour of the Principal, Government Engineering College, Thrissur, with an agreement in Kerala stamp paper worth s. 220/-. Details can be obtained from the Govt. Engineering College Office during normal business hours.

Government Engineering College Thrissur

S/d

Principal

Copy to

1. Notice Board
2. Anilkumar P S, AP, Civil Engineering Department

Terms & conditions

1. Original brochure with specification shall be attached
2. The mandatory Calibration Certificate must be submitted with on site calibration with the existing cyclic system
3. On site commissioning and demonstration has to be carried out at our lab
4. Minimum warranty period-1 Year

Approval Valid

Digitally Approved By

Dr. Satish K P

Date: 15.12.2023

Reason: Approved

The document is digitally approved. Hence signature is not needed.

SL NO	Name of Equipment and Specification	QUANTITY
1	<p>Submersible Load Cell 5 kN Capacity for cyclic triaxial testing. The load cell shall be combatable with the existing cyclic triaxial testing machine (HS28.630) available in GE lab .The specification of load cell shall be as follows:</p> <ul style="list-style-type: none"> □ Capacity : 0 to 5 kN □ Output : 2mV/V. □ Fully submersible in water with maximum pressure 7000 kPa. □ High accuracy : < $\pm 0.05\%$ /RC □ IP68 Protection rating □ Cable length 3m. □ Cable type: 4 core screened ,PUR Sheath, $\Phi 4.60$ □ Operating Modes: Tension & Compression. □ Zero Balance/Offset: <1 □ Output Symmetry (tension Vs Compression) :<0.5 typical □ Non-Linearity : <0.05 (\pm % Full scale) □ Hysteresis : <0.10 (\pm % Full scale) □ Repeatability : <0.05\pm (\pm % Rated output) □ Temperature Effect on Zero : <0.02 (\pm % Full scale output/ $^{\circ}$ C) □ Temperature Effect on sensitivity : <0.01 (\pm % Full scale output/$^{\circ}$ C) □ Operating temperature : +5 to +50 $^{\circ}$ C □ Safe overload : 150% □ Ultimate Overload : 300% □ Deflection @rated capacity : <0.05 mm □ Pressure effect : < 0.005 typical (% per rated output per 100kPa) 	1