

**GOVERNMENT ENGINEERING COLLEGE, THRISSUR**  
**NOTICE INVITING TENDER**

D1/3927/22/GECTCR

20.08.2022

Tender No. : D1/39/20-21

**Superscription** : **Supply of "Computer Controlled Pressure System for Cyclic Triaxial Testing Machine" for Civil Engg.Dept.**

Bidding fee : Rs.1888/- (1600+18% &GST)  
 EMD required : Rs. 10500 /-  
 Address of the Officer to whom hardcopy is to be sent. : **THE PRINCIPAL, GOVERNMENT ENGINEERING COLLEGE, THRISSUR-680009**

**Specification Details**

Sl.No	Item With Specification	Quantity
1	<p><b>Computer Controlled Pressure system for Cyclic Triaxial Testing Machine:</b>                      (The item shall be compatible with the cyclic triaxial system and software already available in the lab – model HS26.635 , Capacity 50kN)                      Pneumatic Pressure system shall have two line pressure distribution systems for both Confining and Back pressure with air/water bladder system with a panel complete with pressure gauge and outlets for two pressures. Control panel shall be a combination of controlled Electronics and pneumatic regulators. A separate Vacuum line with vacuum regulator and gauge shall be provided for de-airing of water and vacuum application.                      A de-airing chamber of 25Liters shall be provided. Both pressures should be set and controlled digitally through computer.                      A sensitive volume change sensor shall be fixed on one side to measure the change in volume during the test.                      Shall be supplied with the following:                      Confining Pressure : Up to 1000kPa                      Back Pressure : Up to 1000kPa                      Volume change : 100cc                      De-airing chamber : 10litres                      Vacuum Pump : Creates vacuum of 70cm mercury</p>	1 No

## General conditions

1. The unit price, all other charges such as delivery, transporting, packing, shipping, loading and unloading charges etc, and GST must be shown separately and should be furnished unambiguously.

2. Payment will be made only after the successful supply, installation and testing.
3. F.O.R: Govt. Engineering College, Thrissur.
4. Agreement: Preliminary Agreement in Rs.220/- Kerala Stamp Paper.
5. Date of opening of tender: In case the proposed date declared as holiday, the tender will be opened on the next working day.
6. After E-tendering the hard copy of all documents should be submitted before the date of opening of the tender to the Principal, Government Engineering College, Thrissur.
7. Items to be supplied at Civil Engineering Department of Govt. Engineering College, Thrissur.
8. The items should have a minimum guarantee period of one year from the date of installation and successful performance.
9. Installation, successful demonstration and training required.
10. Delivery Period: Immediately after the date of receipt of supply order.
11. 5% security deposit along with agreement should be furnished within a month/fortnight from the date of receipt of supply order.
12. Only GST Registered firms should participate in the tender.
13. Bidder shall be responsible for installation / demonstration as applicable and for after sales service during the warranty and thereafter.
14. Installation and demonstration to be arranged by the supplier free of cost and the same is to be done within 15 days of the arrival of the equipment at site.

NB: The Tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual. The bidders should participate this tender through E-Tendering System. Tender cost and EMD should be submitted only through online. For more details Contact Ph.0487 2334144.



Dr. Ranjin Bhattathiripad T  
PRINCIPAL

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THRISSUR