

GOVERNMENT ENGINEERING COLLEGE, THRISSUR
NOTICE INVITING TENDER

D2/9116/22/GECTCR

26.11.2022

E Tender No. : D2/61/22-23

Superscription : Purchase of equipments to Civil Department

Bidding fee : Rs. 472/-(400 +18%GST)

EMD required : Rs. 1780 /-

Address of the Officer to whom hardcopy : THE PRINCIPAL, GOVERNMENT
 is to be sent.

ITEM SPECIFICATION

Sl.no	Details of Item	Quantity
1	<p>Electronic Data Acquisition system For Triaxial Testing :</p> <p>(The four-channel micro controller-based signal conditioning and touch panel display unit is suitable to measure Axial load(Accuracy 0.01N), Pore/Back pressure(0.01 kg/cm²), Vertical displacement (0.01mm)and Volume change (optional) directly indicated in their respective engineering units during Triaxial Testing)</p> <p>The system receives the output signal from the sensors i.e., Load cell, Pore/Back pressure sensor, Displacement Sensor and Volume change (optional) sensor attached to the Triaxial shear Test apparatus. The data of all four channels of Triaxial Shear Test can be transferred to computer through RS-232/ Ethernet and can be online monitored. The Unit also provides the facility of online monitoring of data of all the sensors on Touch Panel Display provided at the front.</p> <p>Broadly the following facilities are incorporated in the system:- Touch panel is provided to perform various operations such as TARE,PROGRAMMING, START, STOP etc. Independent Taring of each channel. Data transfer interval is programmable (between 10 second to 1 hour) Data transfer interval is programmable (between 10 second to 1 hour) There are 25 set results having a maximum of 200 data points per</p>	1

set can
be stored in the electronic unit. The sample
number can be programmed. Online date and time
of test will be stored along with the data. On line
(while the test is in progress) data transfer to the
computer through
RS232/ Ethernet port: The Electronic unit operates
on 220VAC+ 10%, 50Hz

Conditions

1. All the items specified above has to be **quoted together** and only those eligible quotations with will be accepted
2. The companies have to produce **letter from the manufacturer** to show the authenticity of the product and they have the authority to sell the product at this part of India
3. Details specifications of the machines should be attached to check **the product quoted is meeting all the requirements**
4. The companies may call for demonstration, **if required** to check the accuracy of the product.
5. The model number of the product with Brand and Make name should be mentioned in the quote.

sd/-

PRINCIPAL

Forwarded / By order

Accounts Officer

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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 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 within two months
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.

sd/-
Principal

Approval Valid

Digitally Approved By
Dr Ranjini Bhattathiripad T *
Date: 26.11.2022
Reason: Approved

Forwarded / By order

Accounts Officer
Pras
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