

College of Engineering Trivandrum, Thiruvananthapuram

NOTICE INVITING TENDER

P1/4617/19/CET

04.01.2020

Tender No. : 36/19/P1/CE

Superscription : Purchase and Installation of **Ultrasonic Pulse velocity Tester for Structural Engineering Lab of Civil Department in this institution**

Last date and time of receipt of tender on the website (www.etenders.kerala.gov.in) :03/02/2020 3 p.m.

Date and time of opening of tender : 05/02/2020 11 30 am.

Date upto which the rates are to be firm :05/08/2020

Tender Cost : Rs.1652/-(Rs1400/-+18%GST)

EMD required : Rs 6750/-

Address of the Officer to whom hardcopy is to be send. : THE PRINCIPAL, COLLEGE OF ENGINEERING TRIVANDRUM, THIRUVANANTHAPURAM-695016, KERALA GSTIN:32AAAGC0358L1ZP

Specifications are attached as Annexure

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 satisfactory demonstration installation, and training for two days.
3. Delivery Period: Maximum Delivery period will be 60 days from the date of receipt of supply order.
4. The item should be supplied at Structural Engineering Lab of Civil Engineering Department in this institution
5. The period of warranty should be 5 years on-site
6. Agreement as per NIT 2 in Rs.200/- Kerala Stamp Paper and tender form should be uploaded.
7. 5% security deposit along with agreement should be furnished within a month/fortnight from the date of receipt of supply order.
8. Date of opening of tender : In case the proposed date declared as holiday, the tender will be opened on the next working day.
9. Only GST registered firms can participate in the Tender. GST number must be mentioned. The firm under composition scheme must mention the words "Composition taxable person" in their documents and should submit proof for that.
10. After E-Tendering the hard copy of documents should be submitted before the opening date.

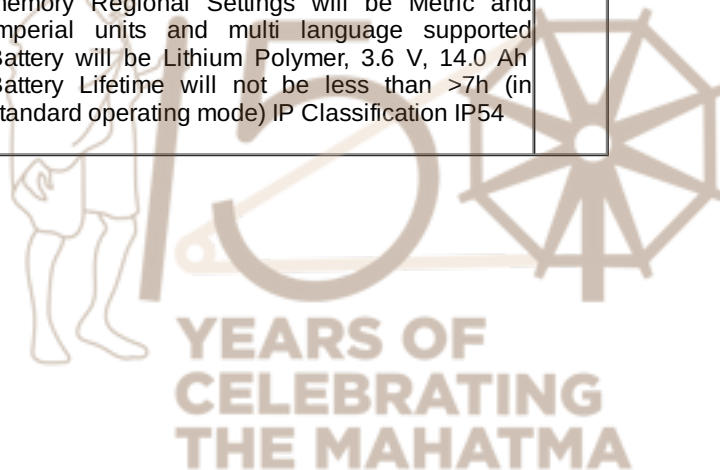
NB: The Tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual.

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.0471 2577088, 0471 2577188, 0471 2577388, 0471 2515760.



Specifications

Sl.No.	Item	Specification	Qty
1	Ultra Sonic Pulse Velocity Tester	<p>Ultra Sonic Pulse Velocity Tester should have Line scans for concrete uniformity assessment, Zoom and scroll for precise A-Scan inspection, Data logging allowing the automation of long term measurements .</p> <p>Should contain E-Modulus measuring mode to determine the Poisson's Ratio of materials. The equipment should have on board storage and review of waveforms. All the Settings will be directly accessible on measuring screen. should have Dual cursor for manual A-Scan evaluation. It should contain Separate cursor to measure signal amplitude. Improved surface velocity measurement will be there. Automatic and manual triggering and user adjustable trigger threshold will be available. A-Scan update rate up to 25 Hz will be there. Technical Data Range will not be less than 0.09 – 7930 μs Resolution will not be less than 0.1 μs (< 793 μs), 1 μs (> 793 μs) Display will not be less than 7" colour display 800x480 pixels Pulse Voltage UPV will not be less than 95 – 450 Vpp Pulse Voltage UPE will not be less than - 90 – 400 Vpp Bandwidth will not be less than 15 – 500 kHz Receiver Gain will not be less than 1x – 10'000 x (0 – 80dB) [11 steps] Memory will not be less than Internal 7GB Flash memory Regional Settings will be Metric and imperial units and multi language supported Battery will be Lithium Polymer, 3.6 V, 14.0 Ah Battery Lifetime will not be less than >7h (in standard operating mode) IP Classification IP54</p>	1



Sd/-

PRINCIPAL