

GOVERNMENT POLYTECHNIC COLLEGE, TRIKARIPUR

P.O. Udinur - 671310, Kasaragod Dist., Kerala State Tele: 0467-2211400 E-mail: gptctkr@gmail.com

No: D1/1754/2023

Date: 25.08.2023

TENDER NOTICE

E-Tenders are invited for the supply of "Digital Storage Oscilloscope" required to the Biomedical Engineering & Electronics Engineering Departments of this Institution.

1. Tender No. : 02/2023-24
2. Superscription : Purchase of Digital Storage Oscilloscope
3. Last date and time to receipt of Tender: 14/09/2023, 11 am
4. Date of Opening of Tender : 16/09/2023, 2 pm (If it happens to be a holiday, Next working day)
5. Date up to which the rates are to remain firm for acceptance } : 31/12/2024
6. Estimate Cost of Tender items : Rs.9,00,000/-
7. Bidding Fee : Rs.2124/-(1800/-+GST18%)-Not Refundable
8. E.M.D Required : 1% of the aggregate cost of articles tendered.
9. Address of the Officer to whom the hard copies are to be sent and for queries } : The Principal
Govt. Polytechnic College, Trikaripur
P.O. Udinur - 671310
Kasaragod District, Kerala State Tele: 0467-2211400
10. Website for E-Tender Participation: www.etenders.kerala.gov.in

Other Conditions:-

1. The prices should be quoted inclusive of GST, Service Tax, Installation & Freight charges, etc. and they should be separately and specifically shown.
2. Guarantee / Warranty period should be specifically shown.
3. Brand of Equipment's should be clearly mentioned.
4. Specifications of Equipment's should be clearly specified.
5. **The Hard copy of all documents including Preliminary Agreement in Kerala Stamp Paper worth Rs 220/- should be submitted before the date of opening of Tender, otherwise the Tender proposals will summarily be rejected.**
6. The Equipment's should be supplied within one month from the dated of supply order
7. Performance Security Deposit @5% of total amount should be remitted as Demand Draft/Bank Guarantee drawn in favor of "Principal, Govt. Polytechnic College, Trikaripur"
8. The Tender cost (Bidding Fee) and EMD Should be submitted only through online
9. If any exemption enjoying in remitting the "**Tender Fee**", the Government order specifying the matter should be produced through online and as well as hard copy.
10. If any exemption enjoying in remitting the "**EMD**", the Government order / SSI Certificate, etc specifying the articles of supply should be produced through online and as well as hard copy.
11. Payment will be effected only after the supply of equipment's completely as per the Supply Order and its installation satisfactory.

12. The Equipment's should be installed in the **Biomedical & Electronics Engineering Department** of the Government Polytechnic College, Trikaripur on free of cost.
13. The right to cancel the Tender without further notice will rest to the undersigned.
14. Phalmpet and Brochure should be attached along with this tender.
15. Any other matter not specified above will be rest with the undersigned.
16. Equipment's should be accompanied with:
 - a. Invoice in triplicate copies along with advanced stamped receipt
 - b. Final Agreement in Kerala Stamp Paper worth **Rs 220/-**
 - c. Performance Security Deposit 5% of total cost as Demand Draft drawn in favor of "Principal, Govt. Polytechnic College, Trikaripur"
 - d. Warranty Card if any as mentioned in the quotation proposal
 - e. All connected items to the above if it is not specified specially.



BHAGYASHRI DEVI

PRINCIPAL
Principal

E.K Nayanar Memorial Government Polytechnic
College Thrikkariapur
Udinur (PO) Kasaragod
Kerala - 671 310



GOVERNMENT POLYTECHNIC COLLEGE, TRIKARIPUR

No: D1/495/2021 [D1/1754/23]

Date: 05.08.2023

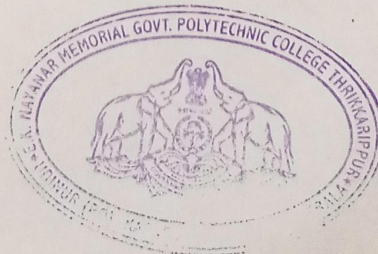
Details of items

Sl. No	ITEM SPECIFICATION	Qty
1	<p>70MHz 2 Channel Digital Storage Oscilloscope:</p> <p>Bandwidth : Dc to 70MHz ,No. of channels : 2+Ext trig ,Memory depth : 2.5K at all time bases ,Sampling rate : 1GSa/s on all channels ,Vertical Resolution : 8 bits ,Input sensitivity range : 2mV to 5V/div ,Measurements : 34 Automated Measurements, cursor measurements, Math and FFT Analysis ,Dedicated keys : Quick zooming, math, FFT, Reference memory should be available, FFT : Should have simultaneous display of both time and FFT waveforms in same window ,Time base range : 5ns to 50s/div ,DC gain accuracy : $\pm 3\%$, from 10 mV/div to 5 V/div ,Maximum Input Voltage : 300 VRMS with peaks $\leq \pm 450$ V ,Offset Range : 2 mV to 200mV/div (+/- 1.8V) : > 200mV to 5V/div (+/- 45V) ,Input Impedance : 1 MΩ in parallel with 20 pF, Acquisition modes : Peak detect(up to 12ns glitch), Sample, Average(128), Single sequence, roll ,Trigger types : Edge(Rise/Fall), pulse width(33nS to 10S), line selectable video trigger (NTSC, PAL, SECAM)Trigger Modes : Auto, Normal, Single Sequence ,Couplings : AC,DC, LF-HF reject, Noise reject Trigger View : Required Vertical Scale : Required separate per channel Horizontal Scale : Required Zoom Key : Should be available for horizontal quick zooming with split up window Time Base Accuracy : 50 ppm Waveform storage internal : 2.5K Point real time/channel+2reference memory (2.5K each)Waveform storage with USB : more than 90 reference waveforms per 8MB Screen Images storage with USB: more than 128 screen images per 8MB Other keys : Quick save key, Menu off key, and context-sensitive Help Menu should be available Feature required : Integrated course ware support in Oscilloscope through free Software with 100MB article storage space in Oscilloscope for lab Purpose with Courseware preparation software Frequency Counters : 10Hz to 70MHz dedicated/channel, 6digit resolution Display : 7 in. (180 mm) Widescreen TFT-LCD Color Display Resolution : 480 horizontal \times 800 (WVGA) Active TFT LCD Connectivity : USB Host at front and USB Device at rear. Power Source Voltage : 100 to 240V (+/- 10%), 50/60 Hz. Power Consumption : less than 40Watts. Warranty : 5 Years standard</p> <p>Accessories to be supplied along with the instrument: One 10X Passive Probe per channel, Installation and Safety Manual, Documentation CD, Applicable Desktop Software & PC Courseware software, Calibration Certificates traceable to NIST/NIM, Power Cord, and a five-year warranty statement.</p>	20 Nos.

BHAGYASHRI DEVI

PRINCIPAL *Principal*

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College Thrikkariapur
Udinur (PO) Kasaragod
Kerala - 671 310



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