

COLLEGE OF ENGINEERING, CHENGANNUR, KERALA - 689 121.
(Managed by IHRD, A Govt. of Kerala undertaking)

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No. D₂/1023/18
05.11.18

Dated:

SHORT TENDER NOTICE

Tender No. 03/2018-19, Purchase of 50 MHz Digital Storage Oscilloscope with built in 20 MHz

Function Generator (3 Nos) and 50 MHz Digital Storage Oscilloscope (7 Nos)

Last date and time for receipt of : 26.11.18, 1.00 pm

tender

Date and time for opening of : 26.11.18, 3.00 pm

tender

Date upto which the rates are to be : 26.12.18

firm

Price of tender form : Rs. 900/- + ST Rs. 162/-

Price of Duplicate copy : Rs. 450/- + ST Rs. 81/-

Address of Purchasing Officer from : The Principal
whom tender forms are to be College of Engineering,
obtained and to whom tenders are Chengannur
to be sent Kerala 689 121

EMD : 1% of amount quoted

Tender documents can be had from the Principal on payment of the prescribed cost at the counter in cash or by post (postage extra Rs. 35/- for one tender form) sending a DD for the amount payable at Chengannur in favour of the Principal, College of Engineering, Chengannur - 689 121. Details will be available in College website: <http://www.ceonline.edu>

PRINCIPAL

Tender No. 03/2018-19, Purchase of 50 MHz Digital Storage Oscilloscope with built in 20 MHz

Function Generator (3 Nos) and 50 MHz Digital Storage Oscilloscope (7 Nos)

SI No	Item	Specification	Qty
1	50MHz Digital Storage Oscilloscope with built in 20 MHz Function Generator	Bandwidth: 50MHz Max. Real-Time Sampling Rate: 1GSa/s Analog channels: 2 Display: 7" TFT LCD color Record Length: 100Kpoints Time Base: 5nS/div to 50S/div Waveform Update Rate: 50,000waveforms/sec' Acquisition Modes: Normal, Peak Detect Averaging, High Resolution mode Input sensitivity: 500µV/div to 10V/div Vertical Control knobs: Dedicated controls per channel Trigger Source: Ch 1, Ch 2, line, wave generator and External Trigger Types: Edge, Video, Pulse width & Pattern Waveform Math: FFT, ch1-ch2, ch1+ch2, ch1*ch2, ch1/ch2, low pass filter Automatic Measurements: 24 automatic measurements Serial protocol analysis (optional): I ² C, UART/RS232 Display modes: YT, XY, roll, persistence Cursor Measurements: Both amplitude and time cursors available. Training signals: Basic training signals are available Inbuilt function generator: 20MHz (Sine, Square, Triangle, Ramp, DC, Noise) Frequency response analyzer: Plot gain and phase VS frequency Modulation: AM,FM,FSK Interfaces: USB 2.0 device port and USB 2.0 host port Voltmeter & Frequency Counter: 3 digit voltmeter and 5 digit frequency counter Data logging: Data can be logged through free software Benchvue Warranty: 3Years Input Power: 100V - 240V, 50/60Hz	3 Nos.
2	50MHz Digital	Bandwidth: 50MHz	7 Nos.

	<p style="text-align: center;">Storage Oscilloscope</p>	<p>Max. Real-Time Sampling Rate: 1GSa/s Analog channels: 2 Display: 7" TFT LCD color Record Length: 100Kpoints Time Base: 5nS/div to 50S/div Waveform Update Rate: 50,000waveforms/sec Acquisition Modes: Normal, Peak Detect Averaging, High Resolution mode Input sensitivity: 500µV/div to 10V/div Vertical Control knobs: Dedicated controls per channel Trigger Source: Ch 1, Ch 2, line, wave generator and External Trigger Types: Edge, Video, Pulse width & Pattern Waveform Math: FFT, ch1-ch2, ch1+ch2, ch1*ch2, ch1/ch2, low pass filter Automatic Measurements: 24 automatic measurements Serial protocol analysis (optional): I²C, UART/RS232 Display modes: YT, XY, roll, persistence Cursor Measurements: Both amplitude and time cursors available Training signals: Basic training signals are available Interfaces: USB 2.0 device port and USB 2.0 host port Voltmeter & Frequency Counter: 3 digit voltmeter and 5 digit frequency counter Data logging: Data can be logged through free software Benchvue Warranty: 3Years Input Power: 100V - 240V, 50/60Hz</p>	
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1. Rate: Should be inclusive of all taxes and duties.
2. Delivery should be made at site College of Engineering, Chengannur
3. Warranty :- 1 year with after sales support
4. Payment : 100% after successful testing
5. Security Deposit : 5% of the contract amount

PRINCIPAL