

**LBS COLLEGE OF ENGINEERING, KASARAGOD**

**QUOTATION NOTICE**

No. D-1156/2021 BSK- 3

Date:17.08.2022

Sealed competitive quotations are invited for the purchase of **Two Numbers of Digital Storage Oscilloscope** in this institution specified in the schedule attached. Super scribing quotations for the supply of materials against quotation **No.D-1156/2021 BSK-3** due on 13/09/2022. The rates quoted should be for the delivery of the items at the college. Quotations received after the time fixed on the due date is liable to be rejected. Maximum period required for the delivery of items should also be mentioned.

The prices quoted should be inclusive of all taxes, duties etc. The quotationer shall also quote the percentage of rebate/discount if any offered by them against the items.

Special conditions if any or printed on quotation notice will not be applicable to the contract unless they are expressly accepted in writing by the undersigned.

Due date and time for Receipt of Quotation : 13/09/2022 at 2 pm  
Date and time of opening the Quotation : 13/09/2022 at 3 pm  
The Designation and address of the Officer : **The Principal**  
To whom the Quotation is to be addressed : LBS College of Engineering,  
Muliyar (P.O), Kasaragod-  
671 542

Encl: Specification of item

**Copy to:**

- 1) College website
- 2) Notice Board.



  
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KASARAGOD - 671 542

**Specifications of Digital storage oscilloscope, 100MHz, 4channels****Qty - 2 Nos**

Bandwidth	100MHz
No of channels	4
Sampling rate	1Gsa/S
Record length	14Mpts per channel
Rise time	3.5 nS
Waveform capture rates	up to 100,000 wfm/s (normal mode) and 400,000 wfm/s (sequence mode)
Coupling	AC, DC, GND
Max input voltage	± 400Vpk at 1MΩ
Vertical scale	1mV to 10V/Div
Offset range	Up to 100V
SFDR including noise	35dB or better
DC gain accuracy	± 3%
Time base	2nS/Div to 100S/Div
Channel skew	100pS
Time base accuracy	± 25ppm
Trigger	Edge, Slope, Pulse Width, Window, Runt, Interval, Time out (Dropout), Pattern, Video Trigger for HDTV
Serial Bus triggering	IIC, SPI, UART, CAN, LIN
Search	Search and navigate must be available
FFT	128k pts FFT with Peaks and Markers
Math functions	FFT, addition, subtraction, multiplication, division, integration, differential, square root
Measurements	35 auto measurement, Gated measurements and 6 Digit frequency counter
Display	7-inch TFT-LCD display with 800 * 480 resolution, 24bit colour with 500:1 contrast



Programming	Should support SCPI remote control commands, • VXI-11+SCPI, Telnet (Port 5024) +SCPI and Socket (Port 5025) +SCPI programming over LAN
Electromagnetic compatibility	CISPR11/EN55011, IEC 61000-4-2,3,4,4-11,5,6
Safety	UL 61010-1:2012/R:2018-11; CAN/CSA-C22.2 No 61010-1:2012/A1:2018-1
I/O interface	USB Host, USB Device, LAN, Pass/Fail, Trigger Out
Weight	2.6Kg
Power Consumption	50W
Input	230V, 50Hz
Standard accessory	DSO, USB Cable, Quick start Guide, Passive Probe with 1x/10x switchable, 5A; 3 pin power cord
Warranty	1 year
Documents	Attach data sheet of product, compliance statement with page no, Authorisation certificate, customer list.



  
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