



**CR RAO ADVANCED INSTITUTE  
OF MATHEMATICS, STATISTICS AND  
COMPUTER SCIENCE (AIMSCS)  
UNIVERSITY OF HYDERABAD CAMPUS  
PROF CR RAO ROAD,  
GACHIBOWLI, HYDERABAD –  
500046.**

Date: 02/07/2025

**CALL FOR QUOTATIONS**  
**By Post /Drop in Tender Box only**  
**Ref: AIMSCS/ENQ/02/25-26**

Sealed quotations are invited to supply the following item for CRRao AIMSCS as per the terms and conditions stated below to reach the undersigned on or before 10<sup>th</sup> July 2025 by 5:00 PM.

**1. Mixed Signal Oscilloscope: Quantity 1no.**

**Technical Specifications:**

S. No	Specifications	Qualifying Minimum Requirements
1	Type	Mixed Signal Oscilloscope (MSO)
2	Bandwidth	$\geq 200$ MHz
3	Analog Channels	Minimum 2 or 4
4	Display	10.1 inch. Capacitive Touch TFT Colour Display with 1280x800 resolution. Simultaneously, it should display the measurement results, waveforms, and FFT waveforms for each input channel on a single screen.
5	Real-Time Sample Rate	$\geq 2.5$ GS/s
6	Record Length	$\geq 10$ Million points per channel
7	Vertical Resolution	$\geq 8$ bits
8	Vertical Sensitivity	1 mV/div to 10 V/div
9	Input Impedance	1 M $\Omega$ $\pm$ 1%, 50 $\Omega$ selectable
10	Input Coupling	AC, DC, GND
11	Max Input Voltage	$\pm 400$ V (1 M $\Omega$ input)
12	Time Base Range	1 ns/div to 1000 s/div
13	Trigger Types	Edge, Pulse Width, Runt, Logic, Serial (I2C, SPI, UART, CAN, LIN)
14	Auto Measurements	$\geq 30$ (Vpp, RMS, Frequency, Rise/Fall time, etc.)
15	Protocol Decoding	I2C, SPI, UART, CAN, LIN (built-in or optional)
16	Interfaces	USB Host & Device, LAN (Ethernet)
17	Data Storage	USB
18	Power Supply	100–240 V AC, 50/60 Hz
19	Power Consumption	$\leq 50$ W
20	Standard Accessories	Probes ( $\geq 200$ MHz) – 1 per analog channel, Logic probe (16-ch), USB cable, power cord, user manual
21	Software	Should support VNC to remotely control and view the screen, IVI Driver for standard instrument programming interface for common applications such as LabVIEW, Lab Windows/CVI, Microsoft .NET, and MATLAB. Compatible with Python, C/C++/C#, and other languages.
22	Warranty	Minimum 5 years of comprehensive

**Terms and Conditions:**

Please send your quotation for the item mentioned above in sealed covers with our enquiry reference number and date clearly marked on the cover to below address by post or drop in tender box located in CRRao AIMSCS Admin office Premises.

**Post to:**

**The Registrar,  
CRRao AIMSCS,  
University of Hyderabad campus, Prof. CRRao Road,  
Gachibowli, Hyderabad- 500046, INDIA.**

**CALL FOR QUOTATIONS: - Ref: AIMSCS/ENQ/02/25-26; Dated 02/07/2025**

- 1) Tenders received after the due date will not be considered. CRRao AIMSCS will not be responsible for any kind of delay.
- 2) Quotation must be valid for 90 days from the date of submission of quotations and no revision of rates will be permitted after submission. The rates quoted should be firm till the execution of the order.
- 3) Quotation should be on the letter head of the firm clearly mentioning the Telephone numbers, GST/VAT/CST/Service Tax/Per. Bank guarantee, Date of delivery, Warranty Period, PAN/TIN registration reference and any other charges if any Otherwise, your quotation will be rejected.
- 4) Purchase quantity may be increased/decreased according to the requirement/budget at the time of order.
- 5) Material should be delivered at the administrative office, CRRao AIMSCS. No Transportation charges will be paid.
- 6) Installation and ATP to be completed within 2 days of delivery at site.
- 7) Other terms and conditions are as per CRRao AIMSCS purchase policy.
- 8) The CRRao AIMSCS, reserves the right to cancel/ reject any/all tender(s) or accept any offer part thereof without giving any reasons. Its decision in matter will be final and binding on the vendors.
- 9) If any technical clarifications are required, please mail to: [tenders@cr RaoAIMSCS.res.in](mailto:tenders@cr RaoAIMSCS.res.in)
- 10) Vendors should have prior experience in supply, installation and system integration with government-organizations.
- 11) Payment will be released only after supply and installation within 2 weeks from date of acceptance. No advance payment will be made.

**Sd/-  
(Authorized Signature)**