

# DEPARTMENT OF ELECTRICAL ENGINEERING

INDIAN INSTITUTE OF TECHNOLOGY DELHI

Date: 07.09.2012

## NOTICE INVITING QUOTATIONS

Ref: IITD/EE/OCL/

Sub: Purchase of 200 MHz. 4 Channel Digital Storage Oscilloscope

Sealed quotations are invited for **200 MHz. 4 Channel Digital Storage Oscilloscope** from the authorized dealers/ suppliers/ manufacturers in the sealed envelopes subscribing our reference No. and due date in the name of undersigned.

### **Technical Details**

Input Channels	4 (Four)
Analog Bandwidth	200 MHz.
Sampling Rate	Minimum 2 GS/s on each channel
Maximum Record Length (Main)	2.5 K points at all time bases
Peak Detect pulse width	12 ns
Rise Time	2ns
Vertical Resolution	8 bits
Input Impedance	1M Ohm, 20 pf
Range Vertical	2mv to 5 V/div
Input coupling	AC,DC, GND
Printer Interface	Direct print on laser/inkjet printers
PC Connectivity	PC connectivity via USB device port
Time Base range	2.5ns to 50s/d
Time base Accuracy	50 ppm
Horizontal Resolution	10 ps
Measurements and Math Functions	FFT, math functions
Waveform Storage	Via USB port (support up to 64 GB
Display	Color LCD display
Other Required features	Auto Range Feature
	FFT with 2048 Points and mask Testing feature
	Variable persistence Continuous data logging
Accessories	4 Nos. Passive probes 200 MHz.

## Terms and conditions:

1. Please submit TECHNICAL and FINANCIAL bids in separate sealed envelopes. Mark the two envelopes clearly as “Technical Bid” and “Financial Bid”. Both the sealed envelopes should be sent in a single sealed envelope clearly marked as “Quotation for **“200 MHz. 4 Channel Digital Storage Oscilloscope** The Quote should reach the following address on or before 25.09.12 Up to 12 Noon.

Prof. Vinod Chandra  
Optical Communication Lab  
Block II Room No. 203  
Department of Electrical Engineering  
IIT Hauz Khas, New Delhi 110016

2. Quote should be in Indian rupees .
3. Price quoted should be FOB inclusive of all taxes and duties.
4. VAT and TIN No. of the supplier should be clearly mentioned.
5. If the quote is being submitted by the representative of the principals or manufactures themselves, please attach a valid agency certificate/dealership certificate authorizing the agent to quote on behalf of the manufacturer or principles.
6. If the item quoted is proprietary in nature, please enclose proprietary certificate from the principals stating that “This item is a proprietary item and no other manufacturer makes this item with same specifications.”
7. Produce compliance certificate for technical specifications.
8. The companies who comply with technical specifications in technical bid will be invited for Demonstration of technical features to the committee at its own expenses before issuing of supply order at date and time to be specified.
9. The Financial bid of only those companies who comply with the Technical Specification in Technical bid and satisfactory demonstration of technical features to the committee will be considered.
10. Copy of order already executed for supply of equivalent No. of items may please be enclosed.
11. Complete set of manuals for operation should be given .
12. Complete technical information should be supplied with the quotation. Quotations with in-sufficient details of specifications will not be considered.
13. Mention if you can provide any technical support like training of IIT Delhi personnel at IIT Delhi.
14. The Institute reserves the right to accept or reject any quotation or all quotations without assigning any reasons thereof.
15. Delivery terms must be clearly mentioned,
16. A minimum of Three Years comprehensive on site warranty

Prof. Vinod Chandra  
Prof. EE Deptt

Prof. Devi Chadha  
Prof. EE Deptt

Prof. V.K Jain  
Prof. EE Deptt

Prof. Swades De  
Assoc. Prof EED