



# Indian Institute of Technology Madras

I.I.T.P.O., MADRAS-600 036  
STORES & PURCHASE SECTION

## Form for Inviting Quotations

Ref.No.

Date: 15.5.2018

CEC	VJAG	ENQY	DIG ST OSC
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Under Certificate of Posting

Dear Sirs,

DUE DATE: 5.6.2018

1. Quotations are invited in duplicate for **the DIGITAL STORAGE OSCILLOSCOPE** (specification attached)
2. The Quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
3. If the item is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
4. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples if called for, should be submitted free of charges, and collected back at the supplier's expenses.
5. Local Firms : Quotations should be for free delivery to this Institute. If Quotations for Ex-Godown delivery charges should be indicated separately.
6. Firms Outside Madras : Quotations should be for F.O.R. Madras. If F.O.R. consignor station, freight charges by passenger train / lorry transport must be indicated. If Ex-Godown, packing, forwarding and freight charges must be indicated.
7. The rate of sales / General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales / General Taxes will be admitted at any stage and on any ground whatsoever. The taxes leviable should take into consideration that we are entitled to have concessional Sales Tax applicable to non Government Educational Institutions run with no profit motive for which a concession. Sales Tax Certificate will be issued at the time of final settlement of the bill.
8. Goods should be supplied carriage paid and insured.
9. Goods shall not be supplied without an official supply order.
10. Payment : Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later

Yours faithfully,

प्रो. वी. जगदीश कुमार  
Prof. V. JAGADEESH KUMAR  
अध्यक्ष / Head  
केन्द्रीय इलेक्ट्रॉनिक्स केंद्र  
Central Electronics Centre  
आई आई टी मद्रास, चेन्नई-600 036  
IIT Madras, Chennai - 600 036

  
HEAD CEC

50 MHz Digital Storage Oscilloscope

Quantity : 10 Nos

Technical Specifications:

S.No	Parameter	Specifications
1	Bandwidth	50 MHz
2	No. of channels	2
3	Sample rate	1 GS/s
4	Record length	2.5 kpoints on all channels
5	Vertical Resolution	8 bits
6	Time base Range	5 ns/div to 50 s/div
7	Automated Measurements	34
8	Direct access button for FFT	Should be available
9	Triggers	Edge, Pulse, Video and External
10	Password protected auto-set enabling/disabling	Should be available
11	Frequency counter	Should be available – dual channel with 6 digit resolution
12	Lab Report Generation	Should be available
13	Integrated courseware feature	Should be available – it should be built in the scope itself and to be displayed on the scope display
14	Noiseless operation	Fan-less and noiseless operation should be available
15	Display	7 inch color display
16	Warranty	5 years



प्रोफे. वी. जगदीश कुमार  
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