



विद्युत अभियांत्रिकी विभाग
DEPARTMENT OF ELECTRICAL ENGINEERING
भारतीय प्रौद्योगिकी संस्थान कानपुर
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
कानपुर-208 016 (भारत)
KANPUR - 208 016 (INDIA)

Phone : (0512)-2597409
2597164
2597454
Fax : (0512)-2590063
Webpage : <http://www.iitk.ac.in/ee>

To,
M/s -----

Enquiry no:-NaMPET/EE/DSO/2015-2016

Dated: 11/06/2015

"Sealed Tenders are invited for procurement of 200 MHz 4 Channel handheld DSO"

The NaMPET Laboratory requires 200MHz/4 channel having following specifications –

Technical Specification of 200MHz for 4 Channels Handheld Digital Storage Oscilloscope

Sno	Specifications	Descriptions
1	Bandwidth	DC to 200MHz
2	Number of Channels	4(four) Fully Isolated Channels All input references isolated from each other and earth ground
3	Memory Depth/ Record Length	10Kpts per channels or Higher
4	Sampling Rate	5GSa/Sec or better with minimum 1.25 Gs/S with all four channels in operation
5	Vertical Input Sensitivity	2mV/div to 100V/div or better
6	Time base Range	1ns/div to 4sec/div or better
7	Time Base Accuracy	±100 ppm + 0.04 div or better
8	Automatic measurements	21Nos. or Higher Measurements include: V DC, V AC _{RMS} , V AC+DC, V _{Peak} Max, V _{Peak} Min, Peak to Peak, A DC, A AC, A AC+DC, Frequency, Rise time (using cursors), Fall time (using cursors), Phase (between any 2 inputs), Positive pulse width, Negative pulse width, Positive duty cycle, Negative duty cycle, dBV, dBm into 50 Ω and 600 Ω .
9	Math function	Add, subtract, and multiply waveforms, Spectral magnitude. Set FFT vertical scale to Linear or Logarithmic, and FFT window to Automatic, Hamming, Hanning, or None
10	Connectivity	USB Interface with data & waveform down load in PC & flash drive both.
11	Vertical Resolution	8 bit
12	Input impedance	1 MΩ ± 1% (14 pF)
13	Display Size	6-inch or More
14	Operating Voltage	240 VAC, 50Hz
15	Software	Free ,for waveform download
16	Warranty	At Least Three Years
17	Accessories	1) Standard Accessories with carrying case & User Manual, 2) Price Option of different current probes compatible to quoted DSO with bandwidth not less than DC-100kHz.

Sealed Tender is invited for DSO with aforesaid specifications on or before **June 29, 2015** with marking the tender number at top of envelope, which should be in favour of **"Dr. P. Sensarma, Department of Electrical Engineering IIT Kanpur 208016"**. The Indenter has right to accept or reject the tender without assigning any reason thereof. Also the indenter reserves the right to reject or accept all or any of the offers made above.

akbasu

(Amit Kumar Basu)

In-charge

Email- akbasu@iitk.ac.in

National Mission for Power Electronics Technology (NaMPET) Laboratory

WL-110

Department of Electrical Engineering

Indian Institute of Technology Kanpur

Kanpur-208 016, Uttar Pradesh