



INDIAN INSTITUTE OF TECHNOLOGY KANPUR
DEPARTMENT OF CIVIL ENGINEERING
STRUCTURAL ENGINEERING LABORATORY

Dr. K. K. BAJPAI
Senior Scientific Officer

PO. IIT KANPUR-208016 (UP), INDIA

16 December 2011

Enquiry no. CE/STR/2011-12/Dec/01

We would like to purchase a dynamic FFT analyzer with built in analysis tools for vibration tests. Following are the general technical specifications required for the proposed system:

4 Channels (Frequency range: 25.6 kHz); Dynamic Range: 90 dB (> 100 dB in sine-sweep; accuracy: ± 0.15 dB); Source Signal Options: Sine, Sine sweep, Random. Burst Random, Noise, Periodic chirp, Burst chirp etc.; Digital zoom resolution: up to ≈ 250 μ Hz; Line Resolution: 100, 200, 400, 800 & 1600 lines; Online FFT/Correlation Analysis, Histogram/Time, Time Capture; Frequency/Time domain measurements with multiple trace coordinates/units options and individual/coupled multi-trace markers; Auto input range capability (Max. input : 42 V); Trigger mode: Internal, source, external; Optional features like: Computed order tracking, curve fit synthesis, real time octave/swept sine measurements, arbitrary source; 16 bit ADC with GPIB to USB data transfer option

Please send your offer for the above (original signed in sealed envelope) mentioning the following:

1. Cost of the item including three year maintenance/standard calibration agreement
2. Technical specifications in detail
3. Warranty period
4. Delivery time
5. Educational discount applicable considering end use for research and teaching
6. Payment terms (please mention the cost on FOB basis and actual applicable freight)
7. Proprietary Certificate, if applicable
8. Any other relevant details

An early reply latest by 23 December 2011 will be highly appreciated.

Thanking you...

Sincerely

(K. K. Bajpai)

The last date for the submission of quotation
has been extended up to 02 January 2012