

**DEPARTMENT OF APPLIED MECHANICS  
INDIAN INSTITUTE OF TECHNOLOGY DELHI**

02 March 2012

**Sub:** Purchase of one *High Speed Data Acquisition and Storage System*

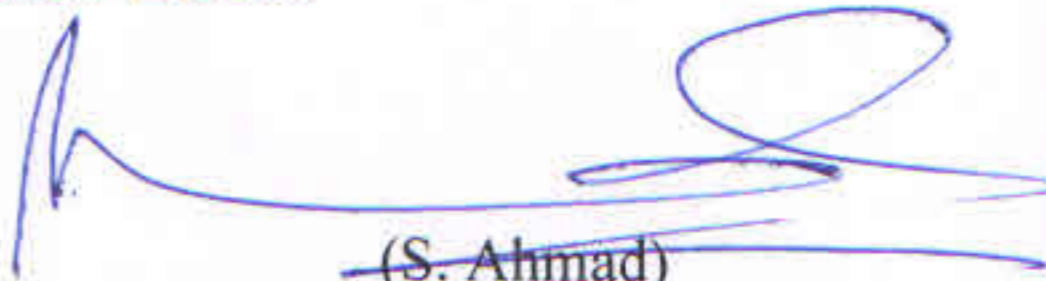
Sealed quotations in two-bid (Technical and Commercial separately) are invited for the purchase of "*High Speed Data Acquisition and Storage System*" as per details given below by 19 March 2012 to the undersigned.

**Technical Specifications:**

A High Speed Data Acquisition and Storage System capable of measuring strain (from the strain gauges). This "*Dynamic Strain Measurement System*" should have adjustable wheatstone bridge, customized signal conditioner, dynamic amplifier, high speed data acquisition card with minimum of four channels (12 bits or 16 bits resolution) with final sampling rate of at least 1MS per second per channel simultaneously. This system should have on board RAM (512 Mb or more) and post trigger storage facility. System with configurable trigger (both external and internal, trigger in & trigger out) and software user interface (GUI) will be preferred.

Terms and conditions                      Installation at IIT Delhi with 3 years warranty

Best priced sealed offers for the above specified "*High Speed Data Acquisition and Storage System*" with all terms and conditions like applicable levies, FOB in case of import, validity, delivery time required to supply / build the system etc. should reach to **Prof. S. Ahmad, Department of Applied Mechanics, Indian Institute of Technology Delhi, Hauz Khas, New Delhi 110 016, India** by 5:00pm on or before 19 March 2012. Dealers quoting on behalf of their principals need to furnish the authorization certificate from the principals. The Institute reserves the right to reject any or all of the quotations without assigning any reason thereof.

  
(S. Ahmad)  
Chairman, Purchase Committee