

Department of Mechanical Engineering
Indian Institute of Technology Delhi

Notice Inviting Quotation

August 29, 2011

SUB: Quotations for Active Magnetic Bearing Setup

Quotations are invited for the purchase of Active Magnetic Bearing Setup, which can be used to illustrate the control experiments on Active Magnetic Bearing Setup suitable for Undergraduate and Post graduate experiments. The system must have following:

- 2 bearings and 1 rotor.
- At least 4 position sensor outputs suitable for interfacing to conventional ADC systems
Sensor ranges are +/-0.4mm (or better) with gains of 10V/mm
- An internal stabilizing controller for rotor levitation with the option of substituting an external user-supplied control system
- Integrated motor capable spinning the rotor at >3000 RPM
- Power Supply: 230 VAC, 50Hz
- Base and necessary wires for interconnections
- Max Dimensions : 25" x 20" x 20"

Sealed quotations (technical & financial) must reach us by 6.00 pm of September 19, 2011 at address:

Dr. Harish Hirani, II-354, Department of Mechanical Engineering, Hauz Khas,
Indian Institute of Technology Delhi, New Delhi-110016, INDIA.

Terms & Conditions:

- Validity of Quotation: 45 days from the date of opening of the Technical Bids.
- The bidder should provide the of List of various educational institutions, were they had supplied similar kind of system. Technical bid must contain one copy of each supply order.
- IIT Delhi reserves the right to accept/reject any bid, without assigning any explanation or reason. The decision of finalizing the bid on the subject shall be final and binding on all Bidders.

(Harish Hirani)