

**Department of Mechanical Engineering
Indian Institute of Technology Delhi**

Notice Inviting Quotations

July 1st, 2013

Subject: Purchase of Servo Motor, Drive and Accessories.

Interested parties are requested to submit quotation for the following item in sealed envelopes to the undersigned in Block-II, Room-420 or M.E office latest by **5 PM on 14th July, 2013.**

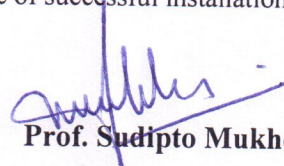
A. Servo Motor and Drive with the following specifications

- Motor driver should be able to receive commands directly through PC through Application Programming Interface (API)
- API should be compatible with Microsoft .net interface (preferably C#)
- Communication mode: Ethernet
- Should enable motor control to switch from Position to Torque mode and back on demand.

	Specifications	Current/Voltage Limitations
Servo Motor	Minimum Peak Torque: 1 Nm No load Speed: 1000 rpm @24/48V DC With resolver (20 bit) and Brake	Max. Nominal Current: 5A Max. Peak Current: 15 A Supply: 24/48V
Gear Reduction	Single stage Gear Ratio 10:1	
Any additional accessories necessary to run the motor through PC at its full capacity (Ethernet Link, Motor, brake and resolver cables, Power Supply, Software etc.)		

B. Terms and Conditions

- Technical and financial bids should be in **two separate envelopes**. Clearly mentioned "Technical" and "Financial" on the cover of the envelopes. Put both envelopes in a bigger **sealed envelope**.
- For imported items quotations may be provided in
 - (i) Indian Rupees(INR) and
 - (ii) Foreign currency at F.O.B rates
- Payment will be made after successful installation.
- The validity of the quotation should be at least six months.
- The prices should be quoted CIF IIT Delhi.
- Delivery schedule should be mentioned, not exceeding 12 weeks after the receipt of order for IIT Delhi.
- Warranty should be of one and half year or above from the date of successful installation.
- Any other terms must be clearly mentioned.


Prof. Sudipto Mukherjee

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