

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

Notice Inviting Quotations

Subject: Purchase of a Force/Torque Sensor.

July 1st, 2013

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.**

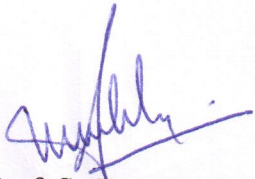
A. One Force/Torque sensor with the following specifications

- Provision of fitting with the end-effector of KUKA KR5 industrial robot
- Able to measure the force/torque on the gripper
- Range of measurement for force (F_x , F_y , F_z) and torque/moment (M_x , M_y , M_z) as in table below:

	F_x (N)	F_y (N)	F_z (N)	M_x (Nmm)	M_y (Nmm)	M_z (Nmm)
Range of Measurement (+/-)	30	30	100	2500	2500	2500
Resolution (+/-)	1/80	1/80	1/40	1.0	1.0	1.0
Single Axis Overload	500	500	1000	75	75	75

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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