

**Last date: April 21, 2012**

Dear Sir/Madam:

We are interested to purchase **Mass Flow Controller** for our lab. Technical and commercial bids should be sealed in two different envelopes. The offered system must have the following specifications.

**Specifications:**

Mass Flow Controller with Viton seals and stainless steel (for Ammonia only) 1/4" compression gas fittings, normally closed, solenoid control valve.

- Accuracy: + 1.5% of full scale
- Optimum inlet pressure: 1.7 Bar
- Maximum differential pressure: 3.4 Bar
- 15-pin 'D' connector
- No display
- Remote operation

Calibrated as below:

1. Ammonia (flow rate 0-1000 sccm)
2. Argon (flow rate 0-1000 sccm)
3. Nitrogen (flow rate 0-1000 sccm)
4. Hydrogen (flow rate 0-1000 sccm)
5. Acetylene (flow rate 0-1000 sccm)

**Terms and Conditions**

1. Warranty period: Comprehensive warranty for three years inclusive of all spares after installation of the system required.
2. Annual Maintenance charges after warranty period-Comprehensive/Labor (Specify unlimited/fixed/breakdown visits)
3. List of (a) consumables and (b) items required for periodic replacement and their availability in stock in India. If needed whether these spares/accessories are available in India with your agents. If not, what is the minimum lead time required to supply them?
4. Delivery period.
5. Agency Certificate is mandatory in case of foreign principle.
6. Kindly provide prices for FOB to nearest airport and CIP New Delhi separately.

Quotations will be rejected if any points laid in terms and conditions section are not clearly mentioned/attached with quotation.

Kindly send your offer in a sealed envelope marked "**MFC System-April 2012**" so as to reach us on or before **April 21, 2012** to the following address:

**Prof. Ashutosh Sharma**  
**Thematic Unit of Excellence**  
**Department of Chemical Engineering**  
**Indian Institute of Technology Kanpur**  
**Kanpur 208016 INDIA**

For any kind of technical clarification feel free to contact Mr. Kunal Mondal at [kmondal@iitk.ac.in](mailto:kmondal@iitk.ac.in). You may also send a soft copy of your quotation by mail to Mr. Kunal Mondal at [kmondal@iitk.ac.in](mailto:kmondal@iitk.ac.in) along with hard copy to above mentioned address.