Request for Quotation

REF: AE/DD/2012/05 Date: July 4, 2012

To
M/s :

Sub : Quotation for supply of: Mass Flow Controllers for gases as per the following specifications

Sir / Madam:

With reference to the subject mentioned above, you are invited to submit the quotation in a sealed cover in order to reach us before July 10, 2012 in the proforma quotation enclosed herewith in the form of hard copy / soft copy for your use.

Technical details/Specifications required for the Mass Flow Controllers for Gases

Gas flow control ranges:

1. 0 to 2000 LPM
2. 0 to 1000 LPM
3. 0 to 100 LPM

Gas compatibility: All the above MFCs should be compatible with the following gases.

- Compatibility with both Helium and Air is mandatory
- Compatibility with Carbon dioxide, Nitrogen, Argon, Oxygen desirable

MFCs should also measure and display exit Pressure and Temperature of the gas apart from Volume flow rate/mass flow rate.

Accuracy: < 1% full scale
Repeatability: < 0.5% full scale
MFC should have less response time
Operating temperature & humidity: 5^{o}C to 45^{o}C & 10% to 95% RH. The MFCs should be resistant to hot and humid conditions.

Interface:
The interface should be such that more than one MFC can be used at a time through a common interface to which multiple MFCs can be connected and controlled using a computer

through control software. The device should be easily interfaced with the computer without using any card.

Required accessories:
Include all related cables (atleast 3 m in length), software (if any) to control MFCs using a computer, filters and other elements to prevent oil particles from entering the MFCs, power supply.

Warranty: Preferably 2-3yrs.

The soft copy of the model quotation can also be downloaded from our website placed at the following link: (Form No. 608)
http://web.iitk.ac.in/dord/rndforms/project_purchases.php

Best regards,
Sincerely,

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