



Enquiry No. : CHE/DK-GD/SERB/2013/01

December 12, 2013

Quotations are invited from interested suppliers for: **2 Mass Flow Controllers (MFC) with power supply.**

One MFC is required for Methane and the other MFC is required for Nitrogen.

Please provide the quotations separately in individual envelopes. The technical and commercial bids are also to be provided in separate envelopes. The MFCs are for laboratory use in a continuous flow system as per the following specifications.

Specifications for MFCs and Power supply:

Inlet Gas: Methane/Nitrogen

Accuracy: $\pm 0.5\%$ of the reading and $\pm 0.1\%$ of FS

Inlet Flow Range: 10 to 500 sccm

Repeatability: should be $< 0.2\%$ of reading

Inlet Pressure: 500 psig, *Outlet Pressure:* 400 psig

Output: should be 4-20 mA

Operating temperature: 25 to 30 °C

Display: LED

End connection: 1/4" Swagelok preferred

Quotations should include Power Supply for the above two MFCs.

The power supply required is 230 VAC, 50 Hz with input of 4-20 mA.

Kindly mention about the terms and conditions such as;

- * Validity of the quotation for a minimum of 60 days.
- * Warranty period
- * Mention the FOB rate (if imported).
- * Special educational discounts, if any.

For indigenous or import items please use the form number 603 or 608 respectively given at

<http://web.iitk.ac.in/dord/rndforms/603.pdf>

<http://web.iitk.ac.in/dord/rndforms/608.pdf>

The quotations are to be sent to the under signed by December 23, 2013. The envelope should mention “**QUOTATIONS FOR MFCs and Power Supply**”

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