



**SARDAR VALLABHBHAI NATIONAL
INSTITUTE OF TECHNOLOGY, SURAT-395 007**

No. MED/OH 35/NAB/4656 / 3202 /25-26

Date: 13/03/2026

To,

Institute Website

14 MAR 2026

SUB: - Enquiry for Multi Gas Mass Flow Controller

Dear Sir,

You are requested to quote your prices for supply of stores listed overleaf. The quotations may be sent to the undersigned in a sealed envelope and subscribed as: "Quotation with reference to Enquiry No. MED/OH35/NAB/4656 / /25-26 dtd:13/03/2026. Your quotation should reach the undersigned on or before **19/03/2026 at 5:00 pm.**

The quotations should be furnished with the following information.

- 1) The brand or make of each item should be specifically stated and wherever necessary, Complete set of specifications and dimensions should be given.
- 2) If asked, samples are accompanying the quotations
- 3) Sales tax, General tax, Central Sales tax, Custom duty, Insurance charges, Packing and Forwarding charges, if not included in the prices quoted, should be clearly specified.
- 4) The period of validity of the quotation should be at least 30 Days. Offers subject to prior sale may please be avoided.
- 5) The delivery period is to be clearly mentioned in the quotation.
- 6) The mode of delivery of the stores may be mentioned. The delivery should be F.O.R. Surat or at the Institute.
- 7) All concessions available to an educational institution should be specified and also taken into account while quoting.
- 8) This Institute is located within the limits of S.M.C. & exempted from the paying of octroi duty on incoming goods from outside limits of S.M.C.
- 9) This Institute is registered with the dept. of scientific & industrial Research (DSIR) for the purpose of availing custom duty exemption & central excise duty exemption, and hence the certificate to this effect will be issued wherever it is necessary on demand.
- 10) Payment is normally made by cheque drawn on the S.V.N.I.T. Branch Office of State Bank of India, Surat-395007 within a period of thirty days from the date of receipt of stores.
- 11) Your specifications & terms- conditions should be as per the format attached, must be on your company letterhead & signed by an authorized person.
- 12) Offered quotation may be rejected if any ambiguity is found in offered specifications, terms & conditions supplied by party in specified tabular format.
- 13) The Director reserves the right to accept stores, which are not strictly in confirming with the specifications but otherwise, found suitable.

Yours faithfully,


Head, Mech. Engg. Dept.

Technical Specification of Multi Gas Mass Flow Controller

<u>Specification</u>	<u>Requirements</u>
Flow Range	5 SLPM
Medium	Pre-calibrated for Non-Corrosive Multigas With necessary power supply (110V to 230V converter) will be supplied along with the instrument
Display	Standard Display Pre Calibrated for 20 Different Gases and 10 Gas Mixtures, can be selected through Local Display
Accuracy	\pm (0.6% of Reading + 0.1% of Full Scale) At calibration conditions after tare Repeatability \pm (0.1% of Reading + 0.02% of Full Scale)
Operating Range	0.01% - 100% of Full Scale Typical Response Time < 10 ms (Adjustable)
Operating Pressure	Max 160 PSIA
Proof Pressure	175 psig Standard Conditions (STP) 25°C & 14.696PSIA Mass Reference Conditions
Operating Temperature	10 to +60 °Celsius Zero Shift 0.02% Full Scale / °Celsius / Atm Span Shift 0.02% Full Scale / °Celsius / Atm
Humidity Range	0 to 100% Non-Condensing Controllable Flow Rate 102.4% Full Scale Input /Output Signal Digital Mass Flow, Volumetric Flow, Pressure & Temperature RS-232 Serial
Input / Output Signal	Analog Mass Flow 0- 5Vdc/0-5 Vdc
Electrical Connections	DB9M Pin Mini-DIN
Supply Voltage	12 to 30 Vdc
Supply Current	0.250Amp
Warm-up Time	< 1 Second

