

Department of Mechanical Engineering Indian Institute of Technology Kanpur Kanpur (UP) 208016 India

Sameer Khandekar Professor Room: SL-109 Tel: #-(0512)-259-7038 E-mail: samkhan@iitk.ac.in Date: 12/09/2018 Enquiry number: PCTS/ME/2018/011

Subject: Web Enquiry

We are planning to purchase 15 pcs. of **Stainless Steel Low Flow Metering Valve (Micrometering valves SWAGELOK make)** for research work related to the sponsored research project. The specifications for valve MUST be strictly as follows:

Item# 1

- i. Tube size: 1/8 inch at inlet and outlet.
- ii. Working temperature range: up to 150 °C
- iii. Pressure at inlet: 1-5 bar
- iv. Pressure at outlet: 0.001 bar
- v. Required gas volume flow rate: 0 ml/min to 1000 ml/min.
- vi. Working media: typically Steam and Air
- vii. Typical value of $C_v \sim 0 0.15$

Item# 2

Required fittings for the valve such as – Ferrules, Tee, Elbow, Cross, Union, Straight connector etc. per pc basis, for 1/8 Inch OD SS pipe line. To be quoted separately.

Item# 3

1/8 Inch OD SS pipe line per meter basis. To be quoted separately.

Kindly send hard copies of your offer at the following address before **03 October**, **2018**. The offer must contain the usual terms and conditions of supply, tax, freight charges, offer validity, warranty, educational discount, and delivery period etc. Guarantee period, delivery period should also be mentioned clearly.

Payment terms: 90 percent against delivery of the valves and remaining 10 percent after successful testing of the valves in or system. Thanking you,

Sameer Khandekar

SL-109, Phase Change Thermal Sciences Laboratory Indian Institute of Technology Kanpur (INDIA) 2080 016 Phone: 0512-2597967, e-mail: cgoswami@iitk.ac.in