

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**

**Department of Chemical Engineering**

**Quotations invited**

Date: **22-02-2017**

Enquiry Number: **IITK/CHE/VS/17/03**

Closing Date: **06-03-2017**

From:

Prof V. Shankar

Chemical Engineering,

Indian Institute of Technology

Kanpur – 208016 (U.P) India; Email: **vshankar@iitk.ac.in**

Sealed Quotations are invited for the supply of **Syringe Pump system** as per the following specifications:

Quotations may be sent by **post/courier/email (for foreign suppliers)** to the above mentioned address. The details of the requirement/s are mentioned below.

Quantity: **1 (ONE)**

**Syringe Pump System and its accessories**

**SPECIFICATIONS:**

1. Dual mode pumping: **Pump system that is able to deliver through two syringes at different flow rates simultaneously.**
2. Maximum Flow rate: **300 ml/min or higher.**
3. Minimum Flow rate: **200 pL/min or lower.**
4. Linear Force: **250 lb or higher.**
5. Accessories: **Stainless steel syringes (200 ml, 100 ml, 50 ml).**
6. Infuse/withdraw: **Both infuse and withdraw.**
7. Accuracy: **< 0.05 % of flow rate.**
8. Uncertainty in Reproducibility: **< 0.05 %.**
9. Computer Control: **RS232.**
10. Step Resolution: **0.05 microns or lower.**

11. Operating Temperature: **5°C to 35°C**

**Terms and conditions**

1. Only authorized vendors may quote. Your quotation shall contain Authorization letter from manufacturer.
2. Maximum Academic/Educational discounts should be applied.
3. Validity of quotation should be at least for 30 days.
4. The Rate offered should be free delivery and proper Installation in IIT Kanpur.
5. Institute is exempted for payment of Excise Duty under notification . 10/97
6. Normal payment terms for the Institute will be applicable, 90% on delivery of the items and the remaining 10% after satisfactory installation/ inspection.
7. The delivery period should be specifically stated. Earlier delivery may be preferred.
8. The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.
9. Please clearly mention the product warranty (**with 2 years or higher**) details.
10. Institute is exempted for partial custom duty (C D applicable to IIT Kanpur is 5.15%). Prices quoted should be FOB (indicating port of shipment) and CIF (IIT Kanpur) values separately if requires import

Prof V. Shankar  
Professor & Head,  
Chemical Engineering,  
IIT Kanpur

