

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Chemical Engineering

Enquiry No. IITK/ChE/NV/2017-18/1 Date 8/11/17

Sub: Quotations invited for Pump for Liquid Dosing

Techno-commercial quotations are required for the supply of a pump for liquid dosing, as per the specifications indicated below. Please provide contact addresses.

The sealed quotations (separately for technical and price bidding) should be addressed to Prof. Nishith Verma, ChE and sent to the below-address latest by Nov 30, 2017.

SPECIFICATIONS FOR PUMP FOR DOSING

Flow rate 0.01 to 10 ml/min in 0.01 ml steps
Max. Pressure : 2500 psi
Head: Stainless Steel or PEEK
I/O Connection : 1/8" OD Flexible Input/1/16" OD Output
Flow Accuracy : Within 2% of set flow rate,
0.20 mL/min and above; 80:20 Water/IPA @ 1,000 psi (10 mL)
Flow Precision : 1% RSD
Pump Head: Self Flushing
Display: LCD / LED.
Prime Valve: Integrated.
Programmable steps of flow: Minimum 1400.
Controls: RS-232, Micro USB
Power supply: 230V +/- 10%, 50 HZ, I – Phase
Dimensions : Compact
Weight : 1.5 kg (max)
(ROHS and CE Compliance)

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