

University School of Chemical Technology GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

Sector: 16C, Dwarka, New Delhi-110 078

www.ipu.ac.in

Ref. No.: IPU/USCT/Pur/2013/

Date: 26.12.13

Sealed item rate quotations are invited on behalf of Dean, University School of Chemical Technology, Guru Gobind Singh Indraprastha University, Sector: 16C, Dwarka, New Delhi-110078 **from manufacturers/distributors/authorized dealers** for the supply of following item with the following technical specifications and terms and conditions:

Sr. No.	Name of the items	Technical Specifications
1.	REYNOLD'S APPARATUS	<p>The apparatus should consist of a glass tube of suitable length and diameter connected to a constant head water tank at one end, at the other end a valve is provided for variation of flow. Dye from a small container placed at the top of tank can be fed at the centre of the glass tube through a capillary tube. Set-up should be self-contained water re-circulating unit, provided with a sump tank and a centrifugal pump along with flow control valve and by-pass valve fitted in water line with the provision for flow measurement.</p> <p>Objective: To determine the Reynold's number and the type of flow either laminar or turbulent.</p> <p>Tube: Material: Borosilicate Glass</p> <p>Dye vessel: Material: Stainless Steel, Suitable Capacity</p> <p>Capillary Tube: Material Copper/Stainless Steel.</p> <p>Constant Head Water Tank: Material: Stainless steel; Capacity 40 Ltrs.</p> <p>Water Circulation: FHP Pump, Champion/ Kirloskar make of suitable capacity.</p> <p>Flow Measurement: Using Measuring Cylinder.</p> <p>Sump Tank: Material: Stainless steel; Capacity 60 Ltrs.</p> <p>Stop Watch: Electronic.</p> <p>Control Panel Comprises of: Standard make On/Off Switch, Mains Indicator, etc.</p> <p>Instruction Manual: Instruction manual should be provided with sample data. The whole set-up should be well designed to run independently and meet the experimental objective with necessary pipings and with painted structure.</p>

Terms & Conditions:

1. The firms must be manufacturer/authorized dealer/authorized distributor.
2. FOR: GGS Indraprastha University, Sector:16C, Dwarka, New Delhi-110078
3. Payment: After satisfactory Installation. No advance payment will be made.
4. Delivery: 45 days
5. Taxes: Tax as applicable may please be clearly mentioned in the quotation.
6. Warranty: Two year
7. Quotations received after due date & time shall be summarily rejected.

Last date, time and venue for submission of quotation

10.01. 2014 Up to 5:00 P.M. at Room No. 105, Block B, USCT, GGSIPU, Sector 16 C, Dwarka, New Delhi - 110078

Gaurav
26/12/13