

University School of Chemical Technology
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

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

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

Date: 24.12.13

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
I.	CENTRIFUGAL PUMP TEST RIG (VARIABLE SPEED)	<p>The set-up should consist of a Centrifugal pump coupled with variable DC Motor and provision to measure the RPM of pump with digital indicator. Provision to measure at suction and discharge</p> <p>Objective: To determine total head, power, overall efficiency and pump efficiency of the centrifugal pump. To plot Head vs Capacity, Pump efficiency vs Capacity, Power vs Capacity.</p> <p>Pump: Crompton/Kirloskar Make, Capacity 1 HP Speed 2800 RPM (max.), Head 12m (max.)</p> <p>Medium: Water</p> <p>Drive: 1 HP DC Motor with variable speed.</p> <p>Sump Tank: Material: Stainless Steel; Capacity 100 Ltrs.</p> <p>Flow Measurement: Using Measuring Tank with Piezometer, Capacity 70 Ltrs.</p> <p>Stop watch: Electronic.</p> <p>Pressure Gauge : Bourdon type</p> <p>Control Panel Comprises of energy measurement: L&T make, Electronic Energy meter. Standard make On/Off Switch, Mains Indicator, etc.</p> <p>Instruction Manual: Instruction manual should be provided along with the sample experimental data.</p> <p>The set-up should be well designed to run independently with necessary valves and pipings etc. and 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

06.01. 2014 Up to 5:00 P.M. at Room No. 105, Block B, USCT, GGSIPU, Sector 16 C, Dwarka, New Delhi - 110078

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24/12/13