



University School of Chemical Technology
Guru Gobind Singh Indraprastha University
Sector-16C, Dwarka, New Delhi-110078

Ref. No. IPU/USCT/Pur/2018/2309/L
Dated 3rd December 2018

Sealed item rate quotations are invited along with the photograph of the following instrument 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.

S.No.	Name of the item	Technical Specifications
1	Reactor	<p>3 litres Glass Reactor (autoclavable) with following items-</p> <p>(A) Agitator shaft with two Rushton and one angled Marine impeller Specifications: Dia of Rushton: 5.5 cm; Dia of 45° angled Marine impeller: 7.0 cm; Dia of Shaft: 1 cm; and Agitator Motor: direct drive (upto 30HP for RPM range 50-500)</p> <p>(B) Glass vessel with accessories Specifications: B.1: Cylindrical glass vessel (Height X inner Dia, 23.5cm X 13.4 cm, Outer Dia- 14.4 cm) with flat plate stainless steel top (Dia: 25 cm, plate thickness 2 cm, embedded no. of ports: 13 of dia as given as follows- 7 ports of dia 2 cm and 6 ports of dia 1.5 cm) with central shaft port of dia-4 cm. Oval shaped bottom glass vessel. Top plate housed in stand comprising of six supporting rods and have fixed rubber O-ring gasket to provide no gap with glass vessel. B.2: Accessories: 4 blades S.S. baffles, ring sparger, rotameter (upto 10 LPM) and heating jacket.</p> <p>(C) Console box C.1: Temperature control (PID) with thermocouple sensor and digital display C.2: RPM control with required connection and provide digital display</p> <p>(D) Miscellaneous parts D.1: Cylindrical Porous C-steel air filter: Porous carbon steel cylinder dimension (Height X Dia 10 cm X 3 cm) with concentric stainless-steel cylindrical covering of dimension (Height X Dia 12 cm X 5 cm) D.2: 0.2micron pore size microporous Stainless steel sparger (Dimension: cylindrical (length 3.8cm and dia 1.2 cm) with porous length 2.2 cm)</p>
	Terms and Conditions	1. The firms must be Manufacturer/ Authorized dealer/ Authorized distributor.

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		<ol style="list-style-type: none"> 2. FOR: G G S Indraprastha University, Sec-16C, Dwarka, New Delhi-110078 3. Payment: After satisfactory installation. No advance payment will be made. 4. Delivery: 30 days 5. Taxes: tax as applicable may please be clearly mentioned in the quotations 6. Warranty: 3 years 7. Quotation received after due date and time shall be summarily rejected
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Last date, time and Venue for submission of quotation	13 th December 2018 upto 5 PM at Room No. 105, Block B, USCT, GGSIPU, Sec16C, Dwarka, New Delhi-110078
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Approved
3/12/2018

Gandhi
Dean, USCT 03/12/2018

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