



Environmental Geochemistry Laboratory
Department of Civil Engineering
Indian Institute of Technology Kanpur

Inquiry no.: **IITK/CE/AS/07-2015/01**

Date: **20.07.2015**

Closing date and time: 28.07.2015 at 10 am (**Extended 03.08.2015 at 5 pm**)

Sub: Call for quotation for supply and installation of peristaltic pump and accessories

Sealed quotations (**Technical and Financial bids separately**) are invited from authorized suppliers for items and their specifications given below before 10 am of 28.07.2015.

Revised due date for submitting your offer is on or before 5 pm of 03.08.2015.

The quotation for supply and installation of **peristaltic pump** should be sent in two parts in sealed envelopes, clearly marked as "**Technical Bid**" and "**Financial Bid**". The Technical Bid should contain detailed technical specifications of the product being offered and **should not mention any prices**. The Financial Bid should include the detailed price quotation clearly, including the cost of the equipment, taxes, service charges, shipping and handling charges, if any. **Financial bids will be opened only when Technical Bids are found acceptable.** Our organization is an educational institute of repute and liable to get maximum education discount from manufacturer. Please specify it, separately.

S. No.	Product Name & Specifications	Quantity
1.	<p>Variable speed digital drive The drive should be a microprocessor controlled, freely programmable and user friendly with ease of operation.</p> <ul style="list-style-type: none">• Product type: Pump drive• Speed range: 0.1 rpm to 600 rpm• Maximum flow rate: 3400 mL/min (36 mL/min with precision tubing of inner diameter of 0.8 mm, and hose barb size of 1.6 mm)• Minimum flow rate: 0.006 mL/min (0.006 mL/min with precision tubing of inner diameter of 0.8 mm, and hose barb size of 1.6 mm)• Control type: Digital variable speed• Power supply: 210-230V, 50-60 Hz• Motor: 1/10 hp (75W), reversible motor• IP rating of drive: IP33• Digital dispensing: Yes• Antidrip function: Yes• Dimensions (L×W×H): 10×8.5×8.5 inches• Speed control: ±0.1% (0.1 rpm at 600 rpm; 0.01 rpm at 100 rpm)	2 no.



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	<ul style="list-style-type: none"> No. of pump heads accepted: Minimum 2 heads 	
2.	<p>Compatible multichannel pump head for precision pump tubing</p> <ul style="list-style-type: none"> Channels: 4 Materials of construction: Stainless steel and anodized aluminium with SS rotor Rollers: 6 Occlusion: Fixed Drive requirements: 1/10 hp min, 600 rpm max Flow range: 0.045 to 280 mL/min per channel 	2 no.
3.	<p>2-stop precision pump tubing</p> <ul style="list-style-type: none"> Tubing formulation: PharMed BPT Inner diameter: 0.8 mm Hose barb size: 1.6 mm (1/16 inches) Flow range with 1 to 600 rpm drive (mL/min): 0.06 to 36 Max pressure: 2.7 bar (40 psi) Max vacuum (mm Hg): 660 Min temperature (° C): -51 Max temperature (° C): 132 Temperature range (° C) (Dynamic): -20 to 100 Suction lift (m H₂O): 8.8 Tubing should have long life and resistant to samples from diverse environmental matrices, including samples of hazardous nature. 	2 packs of 8 tubing each
4.	<p>Pump tubing</p> <ul style="list-style-type: none"> Tubing formulation: Tygon Chemical Inner diameter: 0.8 mm Hose barb size: 1.6 mm (1/16 inches) Flow range with 1 to 600 rpm drive (mL/min): 0.06 to 36 Max pressure: 2.7 bar (40 psi) Max vacuum (mm Hg): 660 Min temperature (° C): -77 Max temperature (° C): 57 Temperature range (° C) (Dynamic): 0 to 40 Suction lift (m H₂O): 8.8 Resin certification (non-DEHP): Yes Resin certification (non-phthalate): Yes Resin certification (RoHS): Yes Resin certification (ADCF): Yes Tubing should have long life and resistant to samples from diverse environmental matrices, including samples of hazardous nature. 	50 feet



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Terms and Conditions:

- The vendor should supply list of installation (minimum 5, in last two years) in India of the same model quoted against this enquiry preferably at IITK.
- **Manufacturer should have appropriate ISO certification and a copy of same should be furnished.**
- **If the Financial Bid is included in the Technical Bid, then the quotation will be rejected.**
- **Quotation should have minimum validity of 60 days from the date of opening.**
- Delivery period should be within 45 days from the receipt of the purchase order. Shorter delivery time may be given preference.
- Taxes, packaging, forwarding freight charges, if any should be mentioned.
- Quotation should carry proprietary certificates and authorization letters/certificates.
- Prices should include installation and training of the equipment.
- Provide contact number/address for complaint, else quotes may be rejected.
- **The warranty period should be 2 years from the date of installation. Also, quote must include prices for AMC from the manufacturer.**
- The firms may also quote for optional accessories which will extend the capability or ease of use of the equipment.
- **All quotations should be in the currency of the country of origin of the instrument, FOB and CIF, Delhi (if imported), and also converted to ₹.**
- The Institute is exempted from excise duty and pays a nominal customs duty of ~5% under Govt. of India notifications 10/97 and 51/96, respectively. Custom Duty exemption certificate under notification 51/96 and road permit will be provided if applicable.
- Normal payment terms for the Institute will be applicable (90% on delivery of the items and the remaining 10% after satisfactory installation/ inspection).
- The Institute reserves the right for accepting and rejecting any quotations without assigning any reason thereof. **Also, the Institute reserves the right to reject or accept all or any of the offers made above.**

Thanking you,

Sincerely,

Dr. Abhas Singh

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I.I.T. Kanpur, Kanpur- 208016, Uttar Pradesh, India.