

FOUNDATION FOR INNOVATION AND TECHNOLOGY TRANSFER

Notice Inviting Quotation

Details of the item	HIGH FLOW DUAL PISTON PUMP
Reference No.	FT/03/1964/2018
NIQ start date	1-04-2019 1:00 PM
NIQ closing date	8-04-2019 1:00 PM
Tender Opening date	10-04-2019

TECHNICAL SPECIFICATION

1	Max Flow Rate (mL/min)	80 – 120
2	Min Flow Rate (mL/min)	0.1
3	Max Pressure (PSI)	4000
4	Power (VAC)	100 to 240
5	Power (Hz)	50/60
6	Repeatability	±0.5%
7	Accuracy	±3% of set point

- 8 Max Temperature (° F) 212
- 9 Max Temperature (° C) 100
- 10 Duty Cycle Continuous
- 11 Digital stepper motor
- 12 Piston with every stroke self-flushing
- 13 Keypad controls and output RS232
- 14 Malfunction alert - Pressure and leak sensors
- 15 The pump should be controlled remotely by other industrial controller (start, stop, speed control etc.)
- 16 PEEK fluid path
- 17 Pulse dampener
- 18 Analog remote controls standard on dual-head and isocratic pumps
- 19 Recommended pH-range 1.0 – 12.5
- 20 Extensive diagnostics, error detection and display, leak detection, safe leak handling, leak output signal for shutdown of the pumping system. Low voltage in major maintenance areas.
- 21 Warranty 3 years

Terms & Conditions Details

Preparation of Bids: The offer/bid should be submitted in two bid systems (i.e.) Technical bid and financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. Financial bid should indicate item wise price for the items mentioned in the technical bid

Opening of the tender: The bid will be opened by a committee duly constituted for this purpose. Only one representative will be allowed to participate in the tender opening. The technical bid will be opened first and it will be examined by a technical committee (as per specification and requirement). The financial offer/bid will be opened only for the offer/bid which technically meets all requirements as per the specification, and will be opened in the presence of the vendor's representatives subsequently for further evaluation. The bidders if interested may participate on the tender opening Date and Time. The bidder should produce authorization letter from their company to participate in the tender opening.

Acceptance/ Rejection of bids: The Committee reserves the right to reject any or all offers without assigning any reason.

The quote should reach the following address on or before –

Anurag S.Rathore, Ph.D.
Professor, Department of Chemical Engineering
Coordinator, DBT Center of Excellence for Biopharmaceutical Technology
Indian Institute of Technology, Delhi
Hauz Khas, New Delhi, 110016, India

Please quote prices for FOB New Delhi, inclusive of all taxes and duties.

Quote should be in Indian Rupees for agents of Indian manufacturers, or in foreign currency, for agents of foreign manufacturers, and needs to be valid for at least three months.

Attach all the technical literature and a list of similar installations done in India.

If the quote is being submitted by a representative of the manufacturer, a valid agency-ship or dealership certificate authorizing the agent to quote to IIT Delhi on behalf of the manufacturers should be enclosed. The principal and the vendor, both, are not allowed to quote for the same product.

Complete set of manuals for the operation of the equipment should be given.

Please specify all of your terms and conditions clearly, including delivery period.

Mode of payment for purchases in foreign currency are through irrevocable letter of credit, or through wire transfer on delivery. Only bank charges within India are payable by FITT, IIT Delhi, all bank charges outside India are the responsibility of the seller. For purchases in INR, payment is on delivery.

Date: _____

Subject :Purchase of HIGH FLOW DUAL PISTON PUMP

S. No.	Currency	Description of Item & Specification	Qty. in Units	Unit Price (a)	Agency Commission (b)	Discount (c)	Ex-works price (d=a+b-c)	Packing + Handling + DOC + Inland Frieght (e)	FOB Price (f=d+e)	Insurance + Frieght (g)	CIF Price (f+g)
1											

For indigenous items please quote as per following format.

S. No.	Description of Item & Specification	Qty. in Units	Unit Price in Rs.	Excise Duty %	CST/VAT%	Octroi%	Total Price in Rs.
1.							
2.							