

INDIAN INSTITUTE OF TECHNOLOGY GOA

At Goa Engineering College Campus

Farmagudi, Ponda, Goa 403401

E-mail: purchase@iitgoa.ac.in

GSTIN: 30AABAI1653D1ZF

PAN: AABAI1653D

TAN: BLRI08261B

Enquiry No: IITGOA/2018-19/105

Date: 13/02/2019

IIT Goa invites sealed quotations in two bid form for the supply of below mentioned item.

Sl. No.	Description of Item	Qty.
1	Syringe Pump (Detailed Specifications Attached)	01 No.

Terms and conditions:

1. Quotation must be valid for at least 90 days.
2. The GSTIN should invariably be mentioned in your offer.
3. Kindly attach a compliance certificate along with the technical quote.
4. Prices:
 - I) For Import Supplies:**
 - a) It is mandatory to quote price in CIF/CIP Goa basis only with separate cost breakup.
 - b) In case of Multiple options of same product, bidders are requested to quote only one best option and not multiple options.
 - c) All local taxes, customs duty and clearance charges will be borne by the Institute as applicable.
 - d) Payment terms: 90% payment by letter of credit and balance 10% will be paid by wire transfer after satisfactory installation and commissioning.
 - II) For Indigenous Supplies:**
 - a) In case of Multiple options of same product, bidders are requested to quote only one best option and not multiple options.
 - b) Payment terms: Within 30 days after the delivery and installation of the item at IIT GOA.
5. Delivery and installation should be made within 4-6 weeks of getting a confirmed order.
6. Supplier should provide minimum three-years warranty for the above stated item.
7. The suppliers shall provide the banking details along with their quote on their letterhead duly signed and stamped.
8. IIT Goa reserves the right to accept and/or reject any/all bids without assigning any reason.

9. Quotations shall be submitted in two parts;
- 1) **Part – I (Technical)** should contain all the technical details and specification of the product. It should contain unpriced bid along with terms and conditions, compliance certificates, proprietary certificates (if applicable), any other certificates/details etc. This envelope should be marked as “Technical Bid”
 - 2) **Part -II (Financial)** The financial bid of the above item should be in a sealed envelope marked as “Financial Bid” and should contain financial terms and conditions.
10. For any clarification, you may kindly contact Dr. Bidhan Pramanick (e-mail: bidhan@iitgoa.ac.in) and Stores & Purchase Department (email: purchase@iitgoa.ac.in) till 22/02/2019.
11. All sealed quotations must reach to the Assistant Registrar (Stores & Purchase), IIT Goa, at Goa College of Engineering Campus, Farmagudi, Ponda, Goa by 17.00 Hrs on or before 06th March, 2019”.

Sd/-
Asst. Registrar (S&P)

Specifications of Syringe Pump

- Microprocessor Controlled Dual Syringe Pump with Automated drive mechanism for smooth flow, accuracy for fluidics applications.
- Should be a versatile Pump which can also support Multi-Syringe Racks for Multichannel Operation or large capacity reservoir.
- Accuracy: $\pm 0.25\%$
- Reproducibility : $\pm 0.05\%$
- Should be used Plastic or Glass Syringes
- Minimum size of syringes – 0.5 μl
- Maximum size of syringes- 100 ml
- Flow Rate – minimum 2 pl/min, maximum 200 ml/min.
- Should be able to work in a daisy chain environment to connect multiple pumps.
- Display – WQVGA TFT color, with touch screen
- Should have RS-485, 232, TTL & USB – Type B connection for connecting to other pumps & PC
- Linear Force –60 lbs or more @ 100% force selection
- Step Resolution – 1 μm /step.
- Possibility of Vertical/ Horizontal Orientation to optimize bench space or to minimize tubing
- Should be upgradable to 10 Syringe Rack.
- Voltage Range Universal input 240 VAC. 50/60 Hz
- Regulatory Certifications CE, ETL (UL, CSA), WEEE, EU RoHS & CB Scheme.