

# INDIAN INSTITUTE OF TECHNOLOGY GOA

At Goa Engineering College Campus

Farmagudi, Ponda, Goa 403401

E-mail: [purchase@iitgoa.ac.in](mailto:purchase@iitgoa.ac.in)

**Enquiry No: IITGOA/2018-19/082**

**Date: 25/01/2019**

IIT Goa invites sealed quotations in two bid format for the supply of below mentioned items;

Sl. No.	Description of Items	Qty
1	<b>Dip Coater (Regular)</b> (Detailed specifications attached)	02 Nos.

## 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. Supplier should provide free delivery and installation at IIT Goa.
5. Prices should be quoted in Indian Rupees inclusive of any shipping/transportation charges.
6. Delivery and installation must be made within 4 weeks of getting a confirmed order.
7. Payment: Within 30 days after the delivery and successful installation.
8. The suppliers shall provide the banking details along with their quote on their letterhead duly signed and stamped.
9. IIT Goa reserves the right to accept and/or reject any/all bids without assigning any reason.
10. For any clarification, you may kindly contact Dr. Arindam Das (e-mail: [arindam@iitgoa.ac.in](mailto:arindam@iitgoa.ac.in)) and Stores & Purchase Department (email: [purchase@iitgoa.ac.in](mailto:purchase@iitgoa.ac.in)) till 08/02/2019.
11. 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), other certificates 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.
- 12) 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 15<sup>th</sup> February, 2019.

Sd/-

Asst. Registrar (S&P)

**Center of Excellence in Particulates, Colloids and Interfaces  
Indian Institute of Technology Goa  
GEC Campus, Farmagudi  
Goa 403401**

**Technical Specifications for Two Regular Dip coating system**

The Dip coating systems should have following technical Specifications

<b>Item</b>	<b>Specification</b>
<b>Dipping &amp; Lifting Speed</b>	1 mm/min or less to 450 mm/min or more
<b>Dipping &amp; Lifting Length</b>	<b>Dip Coater 1:</b> 300 mm <b>Dip Coater 2:</b> 150 mm
<b>Film Length</b>	<b>Dip Coater 1:</b> 250 mm or more <b>Dip Coater 2:</b> 100 mm or more
<b>Power</b>	Indian Standard of 220V, 50 Hz
<b>PC Control and Software</b>	Instrument should be fully controlled by a PC with proper interface. Velocity, Start, Stop should be controlled by software installed in PC with close loop control system with input and control functions. Real-time Display of Control Processes in PC Software Experimental Sample Details Saving Provision User-friendly Software Interface Non-volatile Program Memory Unlimited Deposition Cycles Unlimited Drying & Wetting Time Unlimited Programs PC-controlled Substrate Mount/ Un-mount Option PC-controlled Blank Distance Adjustment Option PC-controlled Self-performance Test Option
<b>Controlling PC</b>	Branded Laptop with i5, 6 <sup>th</sup> Generation Processor or better, 15” inch display or better, 8GB or better RAM, 1TB Hard Drive, Windows 10 OS and Preinstalled Software which controls instrument. Required adapters.
<b>Environmental Chamber (optional)</b>	Fully transparent, can be open at Front Side with Acrylic/Glass Door. Must have ports for N <sub>2</sub> & other Inert Gas Purging.
<b>Temperature controller(optional)</b>	In situ Temperature control from 0 to 150°C or more.
<b>Power on/off switch</b>	Integrated with the instrument

**Miscellaneous:**

- 1) Quoted brand and model must have presence among IISC/IIT/IISER/NIT/CSIR Labs.
- 2) Bidder should supply the complete list of users from IISC/IIT/IISER/NIT/CSIR labs. User list should be only for the quoted model.
- 3) All optional accessories compatible with the quoted model must be quoted separately.
- 4) After Sale, Service should be available promptly. Round the clock technical help must be provided to the users.
- 5) Comprehensive warranty for 3 years or more. In case warranty is less than 3 years AMC must be quoted for each year from the end of warranty period till 5 years after installation date.