

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/2019-20/034

Date: 06/11/2019

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

Sl. No.	Description of Item	Qty
1	Vacuum Pump with Digital Controller (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 prices in FOB basis only.
 - b) In case of multiple options of same product, bidders are requested to quote only one best option and not multiple options.
 - c) 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) It is mandatory to quote prices in FOR basis only to be door delivered in IIT Goa.
 - b) In case of multiple options of same product, bidders are requested to quote only one best option and not multiple options.
 - c) Payment terms: Within 30 days after the delivery and installation of the item at IIT GOA.
5. Delivery and installation should be made within 6 weeks of getting a confirmed order.
6. The suppliers shall provide the banking details along with their quote on their letterhead duly signed and stamped.
7. IIT Goa reserves the right to accept or reject any or all bids without assigning any reason in public interest.

8. 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.
9. For any clarification, you may kindly contact Dr. Raja Mitra, E-mail: rajamitra@iitgoa.ac.in and Stores & Purchase Department (email: purchase@iitgoa.ac.in) till 15/11/2019.
10. All sealed quotations must reach to the Assistant Registrar (Stores & Purchase), IIT Goa, at Goa College of Engineering Campus, Farmagudi, Ponda, Goa, 403 401 by 17.00 Hrs on or before 27/11/2019.

Sd/-
Asst. Registrar (S&P)

Technical Specification of vacuum pump with digital control for laboratory usage

Specifications:

Vacuum Pump (1 No): Purpose of this pump will be to vacuum distil the components from a mixture.

S. No.	Specification	Yes/No	Comments
1.	Two-Stage Oil-Free Diaphragm Vacuum Pump made of PTFE for protection against aggressive solvents.		
2.	Ultimate vacuum should be 7 mbar or better.		
3.	Vacuum pump should have suction capacity of 1.3 m ³ or more.		
4.	Should have provision to connect a solvent trap ahead of vacuum		
5.	Electronic modular vacuum controller		
6.	Measuring range: 1000-2 mbar or better.		
7.	Control range: 1000-2 mbar or better.		
8.	Measuring accuracy: ± 2 mbar (± 1 digit) - after calibration at constant temperature		
9.	Display: Digital, monochrome		
10.	Protection class: IP20 or better		
11.	Inlet and out let connection DN 8-10 mm		
12.	Should be speed controlled pump and stops after reaching desired vacuum pressure.		
13.	Should be equipped with exhaust condenser for 100% recovery of distillates.		
14.	All tubing and connection to connect the pump (10 meter)		

Note-

1. Company/Vendor should have local service support and service engineer must attend the complaint within 48 hours.
2. Warranty of vacuum pump should be 3 Years or more from the date of installation.
3. Should be quoted with optional accessories - all related consumables.
5. One day training at IIT Goa.
6. Item must be approved by CE/CSA
7. The quoted model must be supplied to other IITs, IISc and IISERs.
8. User list of 10 recent instalments.
9. Optional quote for a movable small table (considering the dimension of the pump) with a height of approx. 2.5 feet, where the pump can be installed and moved when required.