

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/2018-19/096

Date: 06/02/2019

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

Sl. No.	Description of Item	Qty
1	Immersion Cooler (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: 100% payment by letter of credit (90% payment will be released on receipt of documents without any discrepancies 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. 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 and/or reject any/all bids without assigning any reason.

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. Rishikesh Narayan (e-mail: rishikesh.narayan@iitgoa.ac.in) and Stores & Purchase Department (email: purchase@iitgoa.ac.in) till 15/02/2019.
10. 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 20th February, 2019”.

Sd/-
Asst. Registrar (S&P)

Technical Specification Sheet for Immersion Cooler (1 No.)

S.No.	Technical specifications for Immersion Cooler	
1	Working temperature range (°C)	-90 to +30 °C
2	Temperature stability (°C)	±1°C
3	Cooling capacity (kW)	°C 20 10 0 -10 -20 -30 -40 -50 -60 -70 -80 kW 0.3 0.29 0.27 0.26 0.25 0.24 0.23 0.21 0.18 0.13 0.05
4	Display	LED display with resolution of 0.1 °C
5	Ambient temperature	5...40 °C
6	Dimensions W x L x H (cm)	38 x 55 x 60 cm
7	Alarm signal	Optical
8	Cooling of compressor	Air
9	Immersion probe	5.6 x 14.0 (H x Ø) cm , Rigid with high level of sensitivity
10	Connection tube (L) cm	160 cm
11	PT 100 Sensor	200 x 6 mm diameter, SS with connecting cable
12	voltage versions available	230 V / 50 Hz
13	Desired Features	
	Rapid cooling of liquids down to low temperatures	
	Counter-cooling of liquids in combination with heating circulators	
	User-friendly operation and handling	
	Dry ice substitution	
	Integrated temperature control and display	
	With external Pt100 sensor (200 x 6 mm dia., stainless steel)	
	Unit should be supplied with magnetic stirrer & vacuum jacketed vessel	
	CE certification: Required	

Other Important Points:

1. Minimum 2 years of warranty and min. 1 year of service support after that must be assured.
2. The bidder should have at least 5 similar installations in research labs in India in last two years. The proof of that must be submitted.