

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/2019-20/023

Date: 17/10/2019

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

Sl. No.	Description of Item	Qty
1	Sintering Furnace (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) 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. 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.
8. For any clarification, you may kindly contact Dr. Sachin Kore (E-mail: sachin@iitgoa.ac.in and Stores & Purchase Department (email: purchase@iitgoa.ac.in) till 25/10/2019.
9. 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 07/11/2019.

Sd/-
Asst. Registrar (S&P)

Sintering Furnace

Quantity required: 1 No

Technical Specification:

1. Outer body made up of MS Powder Coated finish
2. Inner Chamber Hi Grade Ceramic made
3. Maximum working temperature up to 1800°C
4. Thermocouple: B type / or Better
5. Temp. Accuracy: +/- 2°C.
6. Power supply: 3 phase 440 V / 1 – Phase 230 V AC 50 Hz Supply.
7. Working size: H – 6”x W – 6”x D – 12” (No need to exact this size)
8. Power rating range: 3kW to 5 kW
9. Microprocessor based (PID) Digital Dual Display Temperature Controller Cum indicator and timer for Temperature direct indication
10. Fume exhaust facility should be available
11. Heating elements controlled by solid state and Thirstier relays for very precise temperature control, wear-free and noiseless
12. Heating Elements Silicon Carbide Rod (MoSi_2)
13. Heating elements wound around outside of ceramic muffle, heating from all sides
14. Insulation completely made of high-grade ceramic fiber with low thermal mass for fast heating cycles (with door block).
15. Demo and installation should be provided at IIT Goa.
16. Additional accessories if any must be provided.
17. Operating and safety manual to be provided.