

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/2018-19/118

Date: 22/02/2019

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

Sl. No.	Description of Item	Qty
1	Data Acquisition System (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. 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. Sujit Kumar Sahoo (e-mail: sujit@iitgoa.ac.in) and Stores & Purchase Department (email: purchase@iitgoa.ac.in) till 09/03/2019.
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 15th March, 2019”.

Sd/-
Asst. Registrar (S&P)

Specifications for Data Acquisition System (DAQ)

- 1) **Number of Channels:** 2 or more
- 2) **Sample Rate:** 2 GSPS or more
- 3) **Data Memory:** 2GB
- 4) **Vertical Resolution:** 14 bits or more
- 5) **ENOB:** 9 or more
- 6) **Coupling:** DC
- 7) **Input Impedance:** 50 ohms or less
- 8) **Analogue Input Range:** 1-volt p2p (-0.5 to 0.5 volts) or more
- 9) **Over voltage protection:** ± 4 volts or more
- 10) **Analogue input bandwidth:** 0 to 400 MHz or more
- 11) **Direct Interface with host PC:** PCI Express (PCIe) or PCIe + more interfaces.
- 12) Drivers to access and control the DAQ via **MATLAB, Python, C/C++** on both **Windows** and **Linux** platform
- 13) Onsite service and demo
- 14) **Warranty:** 2 years or more
- 15) **Optional Items:** Connectors for Analogue input and PC interface.