

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/2020-21/022

Date: 16/02/2021

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

Sl. No.	Description of Item	Qty
1	High Speed Data Acquisition System (Detailed specifications attached)	01

Terms & 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: Prices should be quoted in INR – F.O.R., IIT Goa basis only.
5. Payment terms: Within 30 days after the delivery and successful installation of items at IIT Goa.
6. Delivery and installation should be made within 6 weeks of getting a confirmed order.
7. Supplier should provide minimum one-year warranty for the above stated items.
8. The suppliers shall provide the banking details along with their quote on their letterhead duly signed and stamped.
9. It is mandatory for bidders to quote items having Local Content more than 20%. Refer revised Public Procurement (Preference to Make in India), Order 2017 P- 45021/2/2017 – B. E. II dated 04.06.20 issued by DPIIT, Ministry of Commerce and Industry, Govt. of India.
10. The successful bidder has to submit a Performance Guarantee Bond for 3% of the Purchase Order value and valid till one year plus 60 days OR up-to warranty period whichever is later from the date of issue of Purchase Order. Performance Guarantee Bond may be submitted within 15 (Fifteen) days from the date of order acknowledgment as a successful bidder.
11. IIT Goa reserves the right to accept and/or reject any/all bids without assigning any reason in public interest.
12. For any clarification, you may kindly contact Dr. Shakthi Prasad D. (E-mail: shakthi@iitgoa.ac.in) and Stores & Purchase Department (email: purchase@iitgoa.ac.in) till 26/02/2021.
13. Quotations shall be submitted in two parts;

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”

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.

14. All sealed quotations must be super scribed with the tender enquiry number and should 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 09/03/2021.

Sd/-

Asst. Registrar (S&P)

Specifications

Number of Channels	16 Analog (Plug in modular inputs for analog channels)
Maximum Memory Length	Standard -250MPts(W) , Optinal - 1Gpoints .
Sample Rate	should support up to 100MS/s
Type of Input	Isolation- Should support up to 1KVrms
Time axis setting range	100ns/div to 1s/div (1-2-5 step) 2s/div, 3s/div, 4s/div, 5s/div, 6s/div, 8s/div, 10s/div, 20s/div, 30s/div, 1min/div to 10min/div (1min step), 12min/div, 15min/div, 30min/div, 1h/div to 10h/div (1h step), 12h/div, 1day/div, 2day/div, 3day/div, 4day/div, 8day/div, 10day/div, 20day/div
Time axis accuracy	±0.005%
Acquisition mode	Normal - Normal waveform acquisition Envelope- Maximum sample rate regardless of record time, holds peak value Averaging- Average count 2 to 65536 (2n steps) Box average-Increase A/D resolution up to 4 bits (max 16 bits)
Dual Capture Mode	Performs data acquisition on the same waveform at 2 different sample rates.
Realtime hard disk recording	Internal Hard Disk upto 500GB
Real time recording	Recording in PC using ACQ software
History memory	Maximum 5000 pages
Expansion/reduction of vertical axis direction	×0.1 to ×100 (varies depending on the module), DIV/SPAN set selectable
Linear scaling	Set AX+B mode or P1-P2 mode independently for Channels
Search function	Edge, Voice and auto Scroll
Waveform parameters measurement	Up to 24 items can be displayed
	P-P, Amp, Max, Min, High, Low, Avg, Mid, Rms, Sdev, +OvrShoot, -OvrShoot, Rise, Fall, Freq, Period, +Width, -Width, Duty, Pulse, Burst1, Burst2, AvgFreq, AvgPeriod, Int1TY, Int2TY, Int1XY, Int2XY, Delay(between channels)
Statistical processing	Automated measured values of waveform parameters
Statistics	Max, Min, Avg, Sdv, Cnt Mode-All waveforms/cycle statistics/history statistics
Cursor measurement	Horizontal, Vertica l, Marker, Degree (for T-Y waveform display only), H&V
FFT	CH's, MATH's points as 1k/2k/5k/10k/20k/50k/100k
Power anylisis function	Instruments should have facility to upgrade it for Power analysis function to measure Active power , reactive power, Harmonic, Power Factor etc.
Trigger Mode	auto, auto level, normal, single, single (N), ON start
Action on trigger	Screen image data output, waveform data storage, buzzer notification, mail transmission

Display & Zoom function	instantaneously zooms into two or more locations.
Display	10.4-inch TFT color LCD monitor, 1024×768(XGA)
Display format	TY display for 1, 2, 3, 4, 6, 8, 12, 16 division display
Display grouping	4 display groups
Maximum number of display traces	64 trace per 1 display group
X-Y display	Selectable X axis/Y axis in CH, MATH (max 4 trace x 2 window)
Snapshot	Retains the current displayed waveform on the screen. Snapshot waveforms can be saved/loaded
GO/NO-GO determination	Operate selected actions based on the determination criteria to the captured waveform.
Storage	SD Card, USB, Hard disk
PROTECT key	Key protection is available to prevent from careless or unexpected operation.
Communication Ports	USB, ethernet, GPIB optional
Other Features	CAN/LIN modules should be compatible.

FORMAT FOR PERFORMANCE GUARANTEE BOND

(To be typed on **Non-judicial stamp paper** of the value of **Indian Rupees of One Hundred**) (TO BE ESTABLISHED THROUGH ANY OF THE NATIONAL BANKS (WHETHER SITUATED AT GOA OR OUTSTATION) WITH A CLAUSE TO ENFORCE THE SAME ON THEIR LOCAL BRANCH AT GOA OR ANY SCHEDULED BANK SITUATED AT GOA. BONDS ISSUED BY CO-OPERATIVE BANKS ARE NOT ACCEPTED.

To,
The Registrar,
Indian Institute of Technology, Goa
Farmagudi, Ponda,
Goa – 403401

LETTER OF GUARANTEE

WHEREAS Indian Institute of Technology, Goa (Buyer) have invited Tenders vide Tender No..... Dt. for purchase of

AND

WHEREAS the said tender document requires that any eligible successful tenderer (seller) wishing to supply the equipment / machinery, etc. in response thereto shall establish an irrevocable Performance Guarantee Bond in favour of “**Registrar, Indian Institute of Technology, Goa**” in the form of Bank Guarantee for Rs (**3% (three percent) of the purchase value**) and valid till **one year or upto warranty period whichever is later** from the date of issue of Performance Guarantee Bond may be submitted within 15 (Fifteen) days from the date of Order Acknowledgment as a successful bidder.

NOW THIS BANK HEREBY GUARANTEES that in the event of the said tenderer (seller) failing to abide by any of the conditions referred in tender document / purchase order / performance of the equipment / machinery, etc. this Bank shall pay to Indian Institute of Technology, Goa on demand and without protest or demur Rs..... (Rupees.....).

This Bank further agrees that the decision of Indian Institute of Technology, Goa (Buyer) as to whether the said Tenderer (Seller) has committed a breach of any of the conditions referred in tender document / purchase order shall be final and binding.

We, (name of the Bank & branch) hereby further agree that the Guarantee herein contained shall not be affected by any change in the constitution of the Tenderer (Seller) and/ or Indian Institute of Technology, Goa (Buyer).

Notwithstanding anything contained herein:

- 1. Our liability under this Bank Guarantee shall not exceed Rs. (Indian Rupees only).
- 2. This Bank Guarantee shall be valid up to(date) and
- 3. We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only and only if IIT Goa serve upon us a written claim or demand on or before (date).
- 4. This Bank further agrees that the claims if any, against this Bank Guarantee shall be enforceable at our branch office at situated at (Address of local branch).

Date:

Yours truly,

Signature and seal of the Guarantor:

Name of Bank:

Instruction to Bank: Bank should note that on expiry of Bond Period, the Original Bond will not be returned to the Bank. Bank is requested to take appropriate necessary action on or after expiry of bond period.

Declaration of Local Content

(To be given on company letter head - For tender value below Rs.10 crores)
(To be given by Statutory Auditor/Cost Auditor/Cost Accountant/CA for
tender value above Rs.10 crores)

Date: _____

To,
The Registrar,
Indian Institute of Technology Goa,
At GEC Campus, Farmagudi, Ponda - Goa

Sub: Declaration of Local content

Tender Reference No: _____

Name of Tender: - _____

Country of Origin of Goods being offered: _____

We hereby declare that an item offered has % local content. _____

“Local Content” means the amount of value added in India which shall, be the total value of the item being offered minus the value of the imported content in the item (including all customs duties) as a proportion of the total value, in percent.

“*False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.”

Yours faithfully,

(Signature of the Bidder, with Official Seal)