



भारतीय सूचना प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY GUWAHATI
बंगरा, गुवाहाटी-781015, भारत
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INVITATION LETTER

Package Code: TEQIP-III/2019/iiit/123/1675
Package Name: IIITG/ Circuit Lab-1

Current Date: 01-Nov-2019
Method: Shopping Goods

To,
All interested vendors

Sub: INVITATION LETTER FOR PURCHASE OF DIGITAL STORAGE OSCILLOSCOPE & FUNCTION GENERATOR
Dear Sir,

1. You are invited to submit your most competitive quotation for the following equipment with item wise detailed specifications given at Annexure I,

Sr. No	Item Name	Quantity	Place of Delivery	Delivery Period	Installation Requirement (if any)
1	Digital Storage Oscilloscope	07 Nos	IIIT Guwahati, Bongora, Guwahati 781015	30 Days	Yes
2	Function Genrator	07 Nos			

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the Technical Education Quality Improvement Programme [TEQIP]-Phase III Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation
 - 3.1 The contract shall be for the full quantity as described above.
 - 3.2 Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
 - 3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit Price.
 - 3.4 Applicable taxes shall be quoted separately for all items.
 - 3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
 - 3.6 The Prices should be quoted in Indian Rupees (₹) only.
4. **Each bidder shall submit only one quotation.**
5. Quotation shall remain valid for a period not less than 90 days after the last date of quotation submission.
6. Evaluation of Quotations: The Purchaser will evaluate and compare the quotations determined to be Substantially responsive i.e. which
 - 6.1 are properly signed; and
 - 6.2 Confirm to the terms and conditions, and specifications.

- 6.3 You are also requested to submit the following documents:-
- Proof of Registration under relevant law, such as Companies Act, and / or Shops & Establishment Act or Trade License from appropriate authority etc.
 - Dealership/authorisation certificate from the OEM (Original Equipment Manufacturer).
 - Copy of PAN, GSTIN
 - Details of the after sales service facilities available at Guwahati, Assam responsible for maintaining the equipment during the entire period of warranty.
- 6.4 In addition to above, bidders intending to offer bids in response to advertisement published in the official website of the Institute (i.e. www.iiitg.ac.in) should submit the following :-
- Details of the similar items ordered by Government/ Autonomous Institute(s) during last three years as per Annexure-II.
 - Copies of the Purchase order(s) of similar items from Government/ Autonomous Institute(s) during last three years.
7. The Quotations would be evaluated for all items (full quantity) together.
8. Award of contract The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.
- 8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of Contract.
- 8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be Incorporated in the purchase order.
9. Payment shall be made in Indian Rupees as follows:
Satisfactory Delivery, Installation & Acceptance – 100% of total cost
10. All supplied items are under comprehensive onsite warranty of 36 months from the date of successful acceptance of equipment.
11. You are requested to provide your offer latest by 16:00 hours on 15-November-2019.
12. Detailed specifications of the items are at Annexure I.
13. Testing/Installation Clause (if any):- yes
14. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
15. Sealed quotation to be submitted/ delivered at the address mentioned below,
**The Director ,
Indian Institute of Information Technology Guwahati
Bongora, Guwahati, Pin-781015**
- Note:- The quotation must be enclosed in a sealed envelope superscribed with –“IQ no:- TEQIP-III/2019/iiit/Shopping/123 , due date: 15.11.2019 and time 1600 Hrs”**
16. We look forward to receiving your quotation and thank you for your interest in this project.

Sd/-
(Authorized Signatory)
Name & Designation
Gautam Barua, Director

Annexure-I

1. Digital Storage Oscilloscope

SL No.	Parameters	Required Specifications
1	Bandwidth	70 MHz
2	Analog Channels	2
3	Sample Rate per Channel	1 GS/s or better
4	Modes	Main, Zoom, Roll
5	Display	6.5 inch TFT or equivalent colour display or better
6	Vertical Resolution	Minimum 8-bits
7	Vertical Sensitivity	2mV to 5V/div or better
8	DC Vertical Accuracy	±3% or better
9	Time Base Range	5ns to 50 s/div
10	Time Base Accuracy	50 ppm or better
11	Zoom	Both vertical & horizontal
12	Trigger Modes (Source)	Auto, Normal, Single Sequence (CH1, CH2, Ext, AC Line)
13	Trigger Type	Edge (Rising/Falling), Pulse Width
14	Input Coupling	AC, DC, GND
15	Record length	2.5k points or better
16	Automatic Waveform Measurement	Period, Frequency, +Width, -Width, Rise Time, Fall Time, Max, Min, Peak-Peak, Mean, RMS, Cycle RMS, Duty Cycle, Phase, Delay.
17	Waveform Math	At least Add, Subtract, Multiply, FFT
18	Cursor Measurement	ΔT , ΔV
19	Line Supply Voltage	220V AC ~ 50Hz (Indian)
20	Autoset	Automatic setup of all channels for vertical, horizontal and trigger systems
21	Interface	USB
22	Standard accessories to be supplied	Two 10X probes (passive probe), power cord, manual, calibration certificates
23	Any other added feature	Should be clearly mentioned by the bidder, if any.

2. Function Generator

SL No.	Parameters	Required Specifications
1	Bandwidth	20-25 MHz
2	Waveforms	Sine, Square, Ramp, Pulse, Noise, DC, Arb.
3	Channel	1
4	Sine Wave	1 μ Hz to 20 MHz or better
5	Square Wave	1 μ Hz to 10 MHz or better
6	Ramp Wave	1 μ Hz to 200 kHz or better
7	Pulse Wave	1mHz to 10 MHz or better
9	Arbitrary Waveforms	1mHz to 10 MHz or better
10	THD	<0.2% (20Hz to 20 kHz, 1 Vp-p) or better
11	Amplitude, 50 Ω Load	10mVp-p to 10Vp-p (Minimum)
12	Amplitude, Open Circuit	20mVp-p to 10Vp-p (Minimum)
13	Output Impedance	50 Ω (Standard)
14	Load Impedance	May be selectable: 50 Ω
15	Protection	Overload Protection
16	Accuracy	\pm (1% of setting +1 mV), (1 kHz sine waveform, 0 V offset, >10 mVp-p amplitude) or better
17	Resolution	1 mV or 4 digits
18	DC Offset Range, 50 Ω Load	\pm (5Vpeak – amplitude Vp-p/2) or better
19	Modulation	AM, FM, PWM (Minimum)
20	Sweep	Linear, Logarithmic
21	Rise/Fall Time	\leq 20ns (Square Wave) or better
22	Nonvolatile Memory	upto 4 MB or equivalent
23	Line Supply Voltage	220V AC ~ 50Hz (Indian)
24	Trigger/Gate/Mod. Input	External
25	DC offset range, open circuit	\pm (10V peak-amplitude Vp-p/2) or better
26	Interface	USB
27	Any other added feature	Should be clearly mentioned by the bidder, if any.

Annexure-II

Details of the similar equipment ordered by Government/ Autonomous Institute(s) during last three years

Sl No	Date of Order	Institute's Name	Name of Equipment ordered	Quantity	Order value in ₹	Whether successfully completed the Order (Yes/No)

Signature of Supplier

Name: _____

Address: _____

Contact No: _____

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To _____

Sl. No.	Description of Equipment (with full Specifications)	Qty.	Unit	Quoted Unit rate in ₹ (Including Ex-Factory price, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	GST and other taxes payable (₹)	
						In %	In figures (B)
1	Digital Storage Oscilloscope	07					
2	Function Generator	07					
Total Cost							

Gross Total Cost (A+B): ₹ _____

We agree to supply the above Equipment in accordance with the technical specifications for a total contract price of ₹ _____ (Amount in figures) (Rupees _____ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of _____ months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No: _____