

INVITATION FOR QUOTATION

TEQIP-III/2019/NITMGH /Shopping/106

02-Jan-2019

Sub: Invitation for Quotations for supply of Goods in Electronics Engineering Department NIT Meghalaya

Dear Sir,

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

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Gunn Microwave Test Bench	2	15	National Institute of Technology Meghalaya, Bijni Complex, Laitumkhrach Shillong 793003	Yes
2	Klystron Microwave Test Bench	4	15	National Institute of Technology Meghalaya, Bijni Complex, Laitumkhrach Shillong 793003	Yes

1. 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.
2. Quotation,
 - 2.1 The contract shall be for the full quantity as described above.
 - 2.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - 2.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.
 - 2.4 Applicable taxes shall be quoted separately for all items.
 - 2.5 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.
 - 2.6 The Prices should be quoted in Indian Rupees only.
3. Each bidder shall submit only one quotation.
4. Quotation shall remain valid for a period not less than **45** days after the last date of quotation submission.
5. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

 - 5.1 are properly signed ; and
 - 5.2 confirm to the terms and conditions, and specifications.
6. The Quotations would be evaluated for all items together.
7. 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.

7.1 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.

7.2 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.

8. Payment shall be made in Indian Rupees as follows:

Delivery and Installation - 90% of total cost

Satisfactory Acceptance - 10% of total cost

9. All supplied items are under warranty of 24 months from the date of successful acceptance of items.

10. You are requested to provide your offer latest by 3:00 hours on 16-Jan-2019.

11. Detailed specifications of the items are at Annexure I.

12. Training Clause (if any) Yes

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,
Bijni Complex, Laitumkrah, Shillong 793003

16. We look forward to receiving your quotation and thank you for your interest in this project.

17. **Technical Presentation:** If necessary then the authority may ask the technically qualified bidders to give full presentation or live demonstration of the Quoted equipment at NIT Meghalaya before finalization of the tenders as a support of their specification.


(Authorized Signatory)
Name & Designation

National Institute of Technology
Meghalaya

Annexure I

Sr. No	Item Name	Specifications
1	Gunn Microwave Test Bench	GUNN MICROWAVE TEST BENCH 320X240 Pixel TFT Touch screen Power meter with sensor: 8.2 MHz to 12.4GHz Frequency with USB interface, Power measurement: +20dBm to -30dBm in dBm and 22 other units with 0.1 dB resolution, Sensor Return Loss: 15dB upto 12.4GHz, Gunn Power Supply cum VSWR meter, Frequency: 1 KHz center, Display: On external Display using HDMI FFT: On external Display, Scope: On external Display, Computer: Built-in with HDMI port Micrometer tunable Broadband Gunn Oscillator: Frequency: 8.2-9.7 GHz, Power O/P: 10 mW typical, S11: >10dB, Calibration chart: steps of 100 MHz,

		<p>Body: Solid wire cut Aluminum for thermal stability and long life, Tuning: Precision Micrometer Driven solid short; Broadband PIN Diode Modulator: S11: >15dB, S12 off: 10dB, S12 on: <2dB, Diode: Microwave SMD package; Broadband Ferrite Isolator: S11: >20dB, S12: >20dB, S21: <1.5dB Calibrated Frequency Meter: S11: >20dB, S12: >3dB at resonance, Q factor: 1000, Calibration Chart: Frequency v/s micrometer in steps of 100 MHz; Broadband Waveguide Detector: S11: 20dB, Sensitivity: 0.5mV/uW, Bandwidth: 9.3 - 11.3 GHz; Slide Screw Tuner with Precision Micrometer: Resolution X Y: 0.05 mm, Drive: Vernier on teflon bearing; Calibrated Precision Variable Attenuator: S11: >20dB, S12: 1 to 20dB variable, Resolution: 1dB, Accuracy: +1.5dB, Calibration Chart: Attenuation v/s micrometer in steps of 1 dB; Broadband Fixed attenuator: S12: 6dB, S11: 10dB , Broadband Matched Termination: S11: >25dB Precision Slotted Line with Broadband Detector Probe: S11: >20dB, S12: <1dB, Resolution: 0.05mm using vernier, Sensitivity: 0.1mV/uW; Broadband Multihole Waveguide Directional Coupler: Coupling: 10dB, Directivity: 30dB, Insertion Loss: <1.5dB Tuned Hybrid / Magic Tee: S11: >10dB, Isolation: 20dB H & E arms, Bandwidth: 9.8-10.8GHz Tuned Series E plane Tee: S11, S22, S33: >20dB, S12, S13: 3.5dB, Phase: 180 degree Tuned Shunt H Plane Tee: S11, S22, S33: >20dB, S12, S13: 3.5dB, Phase: 0 degree Solid Dielectric cell: Type: Waveguide cavity Dielectric: Bakelite, Teflon, Acrylic, Nylon, Polypropylene, Length: 60 degree empty; Liquid Dielectric cell: Type: Waveguide cavity, Window: Kapton, Filling: Syringe, Cavity Volume: 1.5cc, Length: 60 degree empty; Rectangular waveguide: S11: >20dB, S12: <1dB, 120mm typical Phase Shifter: S11: >15dB, S12: >15dB, Calibration: 10.3 GHz, Calibration Chart: Phase Vs. Micrometer reading Circulator: S11: >20dB, S12: >20dB, S21: <1.5dB, Broadband Pyramidal Horn Antenna: Gain: 16dB, S11: 20dB, Beamwidth : 30 degree E & H Fixed Short: S11: >60dB , Precision Movable Short: S11: >60dB, Drive: Precision Micrometer, Plunger: Solid Short Broadband Waveguide to Coax adapter: S11: 10dB, S12: 1.5dB, Frequency: 8.2-12.4 GHz, Connector: SMA Waveguide Stands - 5 Nos, Mount: E & H plane WR90 , Reflector Panel: RCS: 0dBsm Manual Antenna Rotator: Mount: E & H plane WR90 , Inside Outside electroless plating on all waveguide components except Aluminum components,</p>
2	Klystron Microwave Test Bench	<p>KLYSTRON MICROWAVE TEST BENCH: Klystron Mount, Klystron Tube, Isolator, Frequency meter – Direct reading, Variable attenuator, Slotted section, Tunable probe, Detector mount, Movable short Matched termination, VSWR Meter solid state, SS Tunner, BNC Cable, Cooling fan and fixed short</p>

FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

To: _____ Date: _____

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
Total Cost							

Gross Total Cost (A+B): Rs. _____

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (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: _____