### INVITATION FOR QUOTATION

# TEQIP-III/2018/NITMGH/Shopping/076

30-Aug-2018

To,

## Sub: Invitation for Quotations for supply of Goods in Electrical Engineering Department

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	Impedance Analyzer	1	15	National Institute of Technology Meghalaya, Bijni Complex, Laitumkhrah Shillong - 793003	Yes

- 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.
- 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

- 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 1:00 hours on 13-Sep-2018.

- 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.
- Sealed quotation to be submitted/ delivered at the address mentioned below,
   Bijni Complex, Laitumkhrah, Shillong 793003
  - 16. We look forward to receiving your quotation and thank you for your interest in this project.
  - 17. For authenticity/genuineness of the quoted product, the firm should be a reputable, well established and suppliers of the goods or services as part of their normal business.
  - **18. 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 tender as a support of their specification.

(Authorized Signatory)

Name & Designation
Coordina.
TEQIP- III
National Institute of Technology

### Annexure I

Sr. No	Item Name	Specifications
1	Impedance Analyzer	Measurement modes: LCR mode, Analyzer mode (Sweeps with measurement frequency and measurement level), Continuous measurement mode  Measurement parameters:  Z - Impedance  L, C, R - (Inductance, Capacitance, Resistance)  θ - Phase angle  D(tanδ) Loss coefficient = tan δ (δ= delta)  Q factor (Q = 1/D)  Measurement range: 100 mΩ to 100 MΩ, 12 ranges.  Display range: Z, Y, Rs, Rp, Rdc, X, G, B, Ls, Lp, Cs, Cp: ±(0.000000 [unit] to 9.999999G [unit], Absolute value display for Z and Y only  θ: ±(0.000° to 180.000°), D: ±(0.000000 to 9.999999)

Q:  $\pm (0.00 \text{ to } 99999.99)$ ,  $\Delta$  %:  $\pm (0.0000\% \text{ to } 999.9999\%)$ 

Basic accuracy:  $Z \pm 0.08\%$  rdg.  $\theta$ :  $\pm 0.05^{\circ}$ 

**Measurement frequency:** 4 Hz to 5 MHz or more (5 digits setting resolution, minimum resolution 10 mHz or less)

Measurement signal level:

Normal mode: V mode/CV mode: 5 mV to 5 Vrms (up to 1 MHz or more) 10 mV to 1 Vrms (1.0001 MHz to 5 MHz), 1 mVrms steps CC mode: 10  $\mu$ A to 50 mArms (up to 1 Mhz or more) 10  $\mu$ A to 10 mArms (1.0001 MHz to 5 MHz), 10  $\mu$ Arms steps Low impedance high accuracy mode: V mode/CV mode: 5 mV to 1

Vrms (up to 100 kHz), 1 mVrms steps

CC mode:10  $\mu A$  to 100 mArms (100 m $\Omega$  and  $1\Omega$  ranges of up to 100 kHz), 10  $\mu Arms$  steps

Output impedance : Normal mode: 100  $\Omega$ , Low impedance high accuracy mode: 10  $\Omega$ 

Display: 5.5-inch or more color TFT, display can be set to ON/OFF

Measurement time: 0.5 ms (100 kHz, FAST, display OFF, representative value)

**Functions :** DC bias measurement, Comparator, BIN measurement, Panel loading/saving, Memory function

Interfaces: RS-232C, GP-IB, USB communication, USB memory, LAN

Power supply: 90 to 264 V AC, 50/60 Hz, 150 VA max.

Accessories: Power cord, Instruction manual, PC communication instruction manual (CD-R)

National institute of Technical Meghalaya

# **FORMAT FOR QUOTATION SUBMISSION**

Date:

(In letterhead of the supplier with seal)

То:

					 7
and other	ayable	In figures	(B)		
Sales tax and other	taxes payable	n	%		
Total Price	( <del>V</del> )				
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 Cost
Unit					
Qty.					
Description of Qty.	goods (with full	Specifications)			
SI.	No.				art.

Gross Total Cost (A+B): Rs.

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

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

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	ne:	lress:	Contact No:
Signat	Name:	Address:	Contac

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