

No.F.1 (105)/TIT/TEQIP-II/2013/  
Government of Tripura  
Tripura Institute of Technology  
Narsingarh, Tripura (W)

**INVITATION FOR QUOTATION**

Package No: - TEQIP-II/2016/TR1G01/Shopping/124  
Package Code: TEQIP-II/TR/TR1G01/162

Date: - 09-Jun-2016

To,

**Sub:** Invitation for Quotations for supply of Goods (Spectrum Analyzer, [2<sup>nd</sup> call ])

Dear Sir,

1. 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	3Ghz Spectrum Analyzer with Tracking Generator	01	70	Tripura Institute of Technology, Narsingarh, Tripura(W),	No

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 II** 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, initialing, 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 **55** 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 conform to the terms and conditions, and specifications.
7. The Quotations would be evaluated for all items 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:  
**Delivery and Installation - 0% of total cost**  
**Satisfactory Acceptance - 100% of total cost**
10. All supplied items are under warranty of 12 months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **13:00** hours on **25-Jun-2016** & the Quotation will be opened on the same day at **13:30 hours**, in the office of the undersigned. In exceptional circumstances bids may be opened in the next working day at the same time & venue which will be notified in advance, if required.
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any): **Two days training required.**
14. Testing/Installation Clause (if any): **The materials will be tested/checked by the purchaser for which necessary arrangements would be made by the supplier at delivery point and no extra payment in this regard would be entertained by the purchaser.**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,  
**Tripura Institute of Technology, Narsingarh, PO – Agartala Aerodrome, Tripura (W),  
Pin – 799 009**
17. The top of envelop should contain the appropriate package no.
18. The bidder is to submit the following documents properly.
- (i) **PAN CARD (Attested by Notary registered under Govt. of India)**
- (ii) **TAX/VAT Documents (Attested by Notary registered under Govt. of India)**
- (iii) **Dealership/ Distributorship certificate (Attested by Notary registered under Govt. of India)**
- Or**
- Authorization certificate** in Original in the letter head of the manufacturer issued by the authorized person in appropriate manner. The name, Designation & Address of the person issuing the certificate must be mentioned clearly.
- (iv) Attested copy of power of Attorney (Registered/Legal documents ) when the bid is signed by the person other than the owner (**Attested by Notary registered under Govt. of India**)
19. All the pages of this quotation document (including documents to be attached as per Sl. No.- 18 above) as received by the bidder either by post /downloaded from the website **www.titagartala.nic.in** must be stamped & signed (full signature in every pages ) by the bidder & returned to this office within due time **without which the quotation may not be accepted.**  
**The bids are also liable for rejection when the manufacturer & his dealer quotes for the same package**
20. We look forward to receiving your quotation and thank you for your interest in this project.



(Arup Kumar Das Chaudhuri)  
Principal (I/C) & Head of TEQIP-II  
Tripura Institute of Technology  
Narsingarh, Tripura (W)

**Annexure I**

Sr. No	Item Name	Specifications
1	3Ghz Spectrum Analyzer with Tracking Generator	<p>Technical Specification: •Frequency Range: 10 kHz to 3GHz • Phase Noise - 80dBc/Hz @1GHz 20kHz offset typical. •Sweep Time Range 50ms to 25.6s</p> <p>•Video Bandwidth Range: 10Hz to 1MHz in multiple steps. • Resolution bandwidth: 100Hz to 1MHz. • Amplitude reference Level Range: -110dBm to +20dBm. •Overload Protection: Max. +30dBm, ±25VDC •Amplitude Accuracy: ±1dB @100MHz • Amplitude display Range Linearity : ±1dB over 70dB. •Display 480 x 360 high resolution TFT color LCD.</p> <p>•Split windows: Active Window: Upper, Lower or nate (two simultaneously sweeping windows). • Markers: 8 Markers. • Trace Detection: 3 traces with Peak, Maximum hold, Freeze, Average, Trace math. •Power Measurement: ACPR, OCBW, Channel Power, N dB and Phase Jitter.</p> <p>•Autoset Function: Auto tuning the measurement result for observation.</p> <p>•Trigger: Conditions: Video, External (Positive-going, +5V TTL external, signal). •Triggering Mode: Normal, Single, Continuous. •RF Input connector: (VSWR RF Input)N female, 500 nominal • External Reference connector type: BNC female. • Clock Input: Multiple range clock. • Reference Clock Output type: BNC female, upto 8MHz. • RS-232C interface: Sub-D 9 pins female. • USB Connector: USB Host/Device USB Host/Device. • Power input: AC 240V, 50Hz. •Accessories: user manual, power cord, USB Cable.</p> <p>•Tracking generator Frequency range: 10KHz to 3GHz Amplitude range: -20dBm to 0dBm •Accessories: User manual, power cord, USB cable &amp; PC Software.</p>

*Arup Kumar Das Chaudhuri*  
09/6/16

(Arup Kumar Das Chaudhuri)  
Principal (I/C) & Head of TEQIP-II  
Tripura Institute of Technology  
Narsingarh, Tripura (W)

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

Date: \_\_\_\_\_

To: \_\_\_\_\_  
\_\_\_\_\_

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)
<b>Total Cost</b>							

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: \_\_\_\_\_

  
(A.K. Das Chaudhuri)  
Principal-in-Charge

&  
Head of TEQIP Unit  
Tripura Institute of Technology  
Narsingarh, Tripura (W).