



Bundelkhand Institute of Engineering & Technology, Jhansi

Kanpur Road Jhansi, Uttar Pradesh – 284128

Email: teqip@bietjhs.ac.in, Phone: 0510-2320321, Website: bietjhs.ac.in

INVITATION FOR QUOTATION

TEQIP-III/2018/biej/Shopping/17

04-Jun-2018

To,

Sub: Invitation for Quotations for supply of Goods

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	BENCHMARK LAN-T(6) with open source platform	1	30	Bundelkhand Institute of Engineering & Technology, Jhansi-284128	Yes

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, 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 **30** 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.
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 - 90% of total cost
Satisfactory Acceptance - 10% 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 **12:00** hours on **26-Jun-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Yes**
14. Testing/Installation Clause (if any) **Yes**
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,
Bundelkhand of Engineering & Technology Kanpur Road, Jhansi, Uttar Pradesh, 284128
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Dr. Mukesh Shukla)
Nodal Officer Procurement
TEQIP-III

Annexure I

1.	<p>Benchmark LAN-Trainer Kit</p> <ol style="list-style-type: none"> 1. LAN Trainer 2. Wireless LAN Trainer <p>LAN-T comprising:</p> <ul style="list-style-type: none"> ➤ Network Emulation Unit (NEU) -1. ➤ Network Interface Unit (NIU) - 3. ➤ Experiment software with libraries and source code of available experiments. ➤ Manuals <ul style="list-style-type: none"> • User manual - 1 • Installation manual - 1 • Programmer's manual - 1 ➤ Option – STAR Topology. <ul style="list-style-type: none"> • Star dongle - 1. • Network Interface Unit - 1. • User Manual – 1 <p>WLAN-T comprising:</p> <ul style="list-style-type: none"> ➤ WLAN-T Main unit ➤ WiFi Adapters 4nos ➤ WLAN-T-PS Power Supply ➤ WLAN-T MAN Manual 	<p>LAN Trainer</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">Experiment Software</th> </tr> <tr> <td style="width: 30%;">LAN Trainer Shell</td> <td>Provides a menu-driven interface</td> </tr> <tr> <td>'C' library</td> <td>Programming interface to the NIU</td> </tr> <tr> <td>Stand-alone programs</td> <td>For Level 1 experiments. Source code provided for study and analysis</td> </tr> <tr> <td>Saving</td> <td>Saving of experiment results to a file</td> </tr> <tr> <td>Display</td> <td>Display of experiment activities in the application window, wherever applicable</td> </tr> <tr> <th colspan="2" style="text-align: left;">Hardware</th> </tr> <tr> <th colspan="2" style="text-align: left;">1. Network Emulator Unit (NEU)</th> </tr> <tr> <td>Data rates</td> <td>8, 16, 32, 64,128, 256, 512Kbps, 1Mbps</td> </tr> <tr> <td>Topology</td> <td>Bus, Ring, Star (optional)</td> </tr> <tr> <td>Delay</td> <td>0 to 15 bits between each pair of nodes</td> </tr> <tr> <td>Error Generators (between one pair of nodes)</td> <td>Bit Error – 0 to 10⁻⁶ Frame Error – 0 to 10⁻⁵</td> </tr> <tr> <td>Nodes</td> <td>6 nodes per NEU (3 PCs can be connected per NEU. Each PC acts as 2 nodes)</td> </tr> <tr> <th colspan="2" style="text-align: left;">2. Network Interface Unit (NIU)</th> </tr> <tr> <td>PC plug-in card</td> <td>32 bit, 33MHz PCI Bus (PCI ver 2.0 compliant)</td> </tr> <tr> <td>MAC Layer support</td> <td>ALOHA, CSMA, CSMA /CD, Token Bus, Token Ring</td> </tr> <tr> <td>Nodes</td> <td>2 nodes per NIU</td> </tr> </table> <p>Wireless LAN Trainer</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">LAN Connection</td> <td>IEEE 802.3, 100 Base T (RJ45)</td> </tr> <tr> <td>LAN Ports</td> <td>One</td> </tr> <tr> <td>Wireless Standard</td> <td>802.11 b/g</td> </tr> <tr> <td>Antenna</td> <td>Vertical polarized 3dBi antenna</td> </tr> <tr> <td>Adjustable transmit power</td> <td>Yes</td> </tr> <tr> <td>Frequency Range</td> <td>2.412GHz – 2.4385GHz</td> </tr> <tr> <td>Data Rate</td> <td>802.11b (11Mbps) 802.11g (54Mbps)</td> </tr> <tr> <td>Transmit Power</td> <td>< 15dBm ± 3dBm</td> </tr> <tr> <td>Receiver Sensitivity</td> <td>-80dBm @ 802.11b -66dBm @ 802.11g</td> </tr> <tr> <td>DC Power</td> <td>12V DC @ 1.5A</td> </tr> </table>	Experiment Software		LAN Trainer Shell	Provides a menu-driven interface	'C' library	Programming interface to the NIU	Stand-alone programs	For Level 1 experiments. Source code provided for study and analysis	Saving	Saving of experiment results to a file	Display	Display of experiment activities in the application window, wherever applicable	Hardware		1. Network Emulator Unit (NEU)		Data rates	8, 16, 32, 64,128, 256, 512Kbps, 1Mbps	Topology	Bus, Ring, Star (optional)	Delay	0 to 15 bits between each pair of nodes	Error Generators (between one pair of nodes)	Bit Error – 0 to 10 ⁻⁶ Frame Error – 0 to 10 ⁻⁵	Nodes	6 nodes per NEU (3 PCs can be connected per NEU. Each PC acts as 2 nodes)	2. Network Interface Unit (NIU)		PC plug-in card	32 bit, 33MHz PCI Bus (PCI ver 2.0 compliant)	MAC Layer support	ALOHA, CSMA, CSMA /CD, Token Bus, Token Ring	Nodes	2 nodes per NIU	LAN Connection	IEEE 802.3, 100 Base T (RJ45)	LAN Ports	One	Wireless Standard	802.11 b/g	Antenna	Vertical polarized 3dBi antenna	Adjustable transmit power	Yes	Frequency Range	2.412GHz – 2.4385GHz	Data Rate	802.11b (11Mbps) 802.11g (54Mbps)	Transmit Power	< 15dBm ± 3dBm	Receiver Sensitivity	-80dBm @ 802.11b -66dBm @ 802.11g	DC Power	12V DC @ 1.5A
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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)
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: _____