INVITATION FOR QUOTATION

TEQIP-III/2018/gcej/Shopping/9   **24-Jan-2018**

To,

_____

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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	Trainer Kits	3	30	PRINCIPAL, GOVT. COLLEGE OF ENGG. & TECHNOLOGY COMPUTER ENGG. DEPARTMENT (TEQIP) CHAK BHALWAL, JAMMU- 181122 (J&K)	YES
2	Wireless trainer kit	3	30	PRINCIPAL, GOVT. COLLEGE OF ENGG. & TECHNOLOGY COMPUTER ENGG. DEPARTMENT (TEQIP) CHAK BHALWAL, JAMMU- 181122 (J&K)	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 **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 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 **24** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **17:00** hours on **08-Feb-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,

    chak bhalwal, jammu

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

(Authorized Signatory)

Name & Designation

Sr. No	Item Name	Specifications
1	Trainer Kits	Networking trainer kit with software
2	Wireless trainer kit	Wireless trainer kit

Specifications for Networking Trainer Kit with Software

Technical Specification

Hardware Topology
- i) Star
- ii) Bus
- iii) Ring
  - **Nodes:** 4 Nodes
  - **Data Rate:** 10/100 Mbps
  - **Interconnection:** RJ45 connection cable to connect hardware to computer LAN card

SOFTWARE
Topology selection
i) Star ii) Bus iii) Ring
Protocols selection
i) Stop and Wait
ii) Go back to n
iii) Selective repeat
iv) Sliding window
v) Token Ring
vi) Token Bus
vii) CSMA/ CD
viii) CSMA/ CA

- **Packet Size:** 128, 256, 512, 1024, 2048, 4096, 8192, 16384
- **Inter packet delay:** 1000, 2000, 3000, 4000, 5000ms
- **Error generation:** Bad packet, acknowledgment lost and auto error generation
- Encryption and decryption of data

Network details
Indication of computer name, IP address, Port number, status of network, MAC address and operating system on computer.

Graphical representation

Graphic representation of Data on software screen with differentiation of packet to be transmitted, packet being transmitted, packet transmitted with acknowledgment, packet with acknowledgment lost error, packet with bad packet error and packet which is discarded or resend.

Measurement and plotting
Error rate calculation, Throughput calculation

Network analysis
Indication of packet serial number, file name, file size, file number, receiver name, workgroup, receiver IP address, current packet, total packets, packet length, time out, protocol, topology, receiver MAC address, port number, file send start time, file sent completion time, transmission time, data rate (MBPS), error.
8x 10x100 Mbps RJ-45 N way ports
Complies with IEEE802.3 and IEEE802.3x standards
Supports MDI/ MDI-x auto crossover
Up to 200 Mbps data transfer rates (full duplex)
Plug and play installation

Specifications for WirelessNetworking Trainer Kit with Software

Technical Specification

Raspberry PI 700MHz Broadcom BCM2835 CPU / 512MB SDRAM @ 400MHz / 10/100.

Ethernet RJ45 on-board network.
Full size HDMI / 4 USB ports / Micro SD slot.
More energy efficiency (less power required) / Improved power.
Management: manage more devices from your Pi.
GPIO header expanded (40 pins vs. 26).
Wireless & Wired Router
Power supply section
LAN Connectors
HDMI Connectivity
LED Light Indicators

WAN Setup
WAN LAN IP monitoring
Wireless Setup

Wireless security stations
Wireless configuration
DHCP setup & Configuring
Address Reservation
LAN Forwarding: - Virtual Server, Port triggering,DMZ
LAN Security: - IP filtering & MAC Filtering &Domains Filtering
Flodding Security
Access Control
Static Routing
IP QoS management
IP & Mac binding
Dynamic DNS

Software
UDP demonstration and features
TCP Demonstration & Features
USES of IP & Ports

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To:

_____

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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: _____