

## INVITATION FOR QUOTATION

TEQIP-II/2016/WB2G02/Shopping/177

13-01-2016

To,

**Sub: Invitation for Quotations for Supply of Goods**

**Package Code: TEQIP-II/WB/ WB2G02/177**

Dear Sir,

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

Sr. No	Brief Description	Quantity	Delivery Period (In days)	Place of Delivery	Installation Requirement (if any)
1	Equipment for experiments on Network Systems	1	45	Computer Science and Engineering	Yes

2. Government of India has received a credit from the International Development Association (IDA) in various currencies equivalent to **US\$ 300 Million** 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 total price.

3.4 **Applicable taxes shall be quoted separately for all items. Please note that the Excise exemption & Customs concession is applicable to Jadavpur University.**

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 If you require any "waybill" for transportation of goods to Kolkata, you have to apply in advance separately with a copy of Invoice enclosing a copy of order; where Entry Tax will be paid by us for procuring way bill.

3.7 **The Prices should be quoted in Indian Rupees only.**

4. Each bidder shall submit only one quotation.

5. **Validity of quotation:** Quotation shall remain valid for a period not less than 45 days after the last date of quotation submission.

6. Evaluation of Quotations:

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

6.1 are properly signed ; and

6.2 Conforming to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

- Quotations will be compared on the basis of quoted price (Total Cost including all taxes) for goods at its final destination.

- Past performance & experience may be furnished to consider the credential of the bidder

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 for 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:

**100% of the total cost after delivery, satisfactory installation along with demonstration and testing of the goods and also acceptance by the department.**

10. All supplied items are under normal commercial warranty/ guarantee of not less than **12** months from the date of successful acceptance of items, unless specified of warranty for longer duration in the specification.

11. Rate of AMC may be furnished separately, which will be applicable at the end of the normal commercial warrant period.

12. You are requested to submit your offer on or before **15:00** hours on **02-02-2016**. Bids will be opened on the same day at **16:00 hours**.

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

14. Training Clause (if any) **Demonstration at the time of Installation are to be confirmed.**

15. Testing/Installation Clause (if any) **Satisfactory Installation & Testing is required**

**16. Submission of video footage of the successful installation and testing along with Model No. & SL. No. is preferred.**

17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.

18. Sealed quotation to be submitted/ delivered, **within 15:00 hours of 02-02-2016**, at the address mentioned below,

**TEQIP CELL, 2<sup>nd</sup> Floor, Aurobindo Bhavan, Jadavpur University, 188, Raja S. C. Mallick Road, Kolkata- 700 032.**

19. We look forward to receive your quotation and thank you in anticipation for your interest in this project.

**Prof. Sanjib Acharyya**  
**Nodal Officer, Procurement**  
**TEQIP, Phase-II, JU**



## Annexure I

Package Code: TEQIP-II/WB/ WB2G02/177

Sr. No	Item Name	Specifications
1	Equipment for experiments on Network Systems	<ol style="list-style-type: none"><li>1. Facilitates emulating a real world computer network within a lab<ol style="list-style-type: none"><li>a. Backbone realization using IP routers</li><li>b. Wired LAN realization using HUB, Layer 2 &amp; Layer 3 switches, Firewall</li><li>c. Wireless LAN realization using Access points</li></ol></li><li>2. In-depth understanding of router protocol performance, firewall, Layer 3 &amp; Layer 2 switch concepts, wireless LAN performance, RF Survey of wireless Access Points</li><li>3. Separate Ethernet port for equipment management and monitoring purposes - Monitoring of key protocol packets such as "update" in RIP, "hello" in OSPF without the need to tap the routing ports</li><li>4. Formatted routing table information available periodically to identify the route changes that takes place in real time</li><li>5. RS232 serial ports with upto 1Mbps data rate and Fast Ethernet ports for WAN interface in routers</li><li>6. Firewall and Layer 3 uses IP Tables rules and can be tagged with a name for the user to identify the rules set in use</li><li>7. Fast Ethernet interface for outside network, DMZ and inside network in firewall</li><li>8. Built-in LAN ports for ease of use while experimenting</li><li>9. Provides a challenging environment to understand and handle the network security related issues</li><li>10. Comprehensive experiment user manual</li></ol> <p><b><u>Routers:</u></b></p> <ul style="list-style-type: none"><li>• Protocol: RIPv2.0, OSPFv4</li><li>• Serial ports: RS232 upto 1Mbps (user selectable data rates) - 2</li><li>• Fast Ethernet ports: 1</li><li>• RTR-FE model: Fast Ethernet ports: 2</li><li>• Management port: One Fast Ethernet port for device management and protocol packets monitoring, LAN ports: 4</li><li>• Equipment Management and User Interface: Web browser access for ports configuration, device restart, shutdown, Protocol parameters configuration, Routing Table</li></ul>

information - periodic update (every 3 sec or 1 sec), table saving

**Firewall/Layer 3 switch:**

- User writable Rules: IP Tables rules
- VLAN support: Tag based VLAN
- Address Translation: NAT/PAT, packet filtering
- Ports in firewall mode: Outside network (one Fast Ethernet), DMZ (one fast Ethernet), Inside network - 4 LAN ports
- Ports in L3 mode: Outside network (one fast Ethernet), Inside network (one fast Ethernet and 4 LAN ports)
- Equipment Management and User Interface: Web browser access for ports configuration, device restart, shutdown, user written rules update, current active rules information display and saving

**Managed L2 switch:**

- MAC Address Table
- Rapid Spanning Tree
- Port, Tag based VLAN
- Equipment Management: Web browser access for VLAN assignment, device reset, MAC table observation

**Access Points:**

- 802.11b/g, Repeater mode operation
- Variable power and channel selection, Transmit power: +14dBm
- Receiver sensitivity: -66dBm for 54Mbps

Coverage area: Indoor upto 100m depending on the obstacles



## FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Package Code: TEQIP-II/WB/ WB2G02/177

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: \_\_\_\_\_