

CENTRAL INSTITUTE FOR COTTON RESEARCH

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{Location; Near Indian Oil Depot, Panjari , Wardha Road, Nagpur – 441 108}

F.No.(21) St/XIth Plan/LAN/ARIS/GM/2008-09

Dated 01.10.2008

To,

U. P. C.

Sub: Quotation for the purchase of Active & Passive Components of High Speed LAN – reg. Sir,

Sealed quotations are invited by the Director, Central Institute for Cotton Research for Active & Passive Components of High Speed LAN as per the terms and conditions prescribed below:

S N	Specification	Rate (in Rs.)	Qty. Reqd.	Amount (in Rs.)
<u>Active & Passive Components of High Speed LAN</u>				
1	Unmanaged switch 24 port, 10/100/1000T with support for fibre and copier	@ Rs.	7	Rs.
2	19" Rack, Floor standing, 530mm depth, 12U height front glass door (lockable)	@ Rs.	7	Rs.
3	UTP Cat6 Cable	@ Rs.	5 Bundle	Rs.
4	24 Port Patch Panel Cat6	@ Rs.	07	Rs.
5	Wire manager / Patch chord minder panel	@ Rs.		Rs.
6	Information outlets Cat6	@ Rs.	25	Rs.
7	Patch Chord Cat6 3m 1m	@ Rs.	50 each	Rs.
8	Ethernet LAN Card 100mbps	@ Rs.	50	Rs.
9	Firewall Hardware with Intrusion protection and detection with all software and media	@ Rs.	1 with 25 license	Rs.
10	Mail & Application server RAID 5HDD with Genuine windows 2007/2008 server. Server Intel Xeon Processor 3 GHZ (2MB L2 Cache, 800MHz FSB), Dual Processor Capable, Intel 7520 Server Chipset, 512MB x 1 PC 3200 DDR Memory or better	@ Rs.	02	Rs.
11	Proxy & antivirus servers with genuine MS Windows software and OS for 80 user license	@ Rs.	02	Rs.
12	Portable 2.3Ghz, Intel Core 2duo, 3GB RAM, 250 HDD, SATA, 15" Computer for client end connectivity checking & monitoring and data backup with high end graphics card licensed operating and office software or better.	@ Rs.	01	Rs.
13	SNMP Based Network Management software with complete documentation for windows platform to view and manage the network and automatically provides GUI for topology map and panel view.	@ Rs.	01	Rs.
14	Labour charges for laying of CAT6 cables, PVC conduit fixing of I/O outlets service charges for networking	@ Rs.	As per actual (approx. 1000m with 25 I/O outlets)	Rs.
15	Data Mining, SAS, Netbeans, Visual Studio.net 2005 license softwares for application server.	@ Rs.		Rs.

Technical requirements with Terms & Conditions are on next page.

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TECHNICAL REQUIREMENTS OF CICR HIGH SPEED LAN

1. Individual PCs on every floor of the building shall be linked from layer-2 switch by a Cat 5e Cable (horizontal cabling). However, the Bidders may also quote for Cat 6 Cable as a second option with backward compatibility.
2. The centralized control of the network will be in ARIS Cell on the 3rd floor in CICR Main building, Panjari, Wardha Road, Nagpur where all application servers, data servers, backup servers & other servers will be managed.
3. As per building plan, the implementing agency will survey the route & install the fire resistant/retardant ABS UTP single Information outlet in designated room.
4. Total four floors of the building will be housed with 24 port 10/100 Mbps with 10/100/1000 Base T switches. These switches will be stacked with pluggable GigaStack GBIC & cable (or any other workable option may be suggested to link these 24 port switches). One port of the each switch will be connected to Copper backbone through 1000BaseT module.
5. All the Servers of the LAN for client server web enabled applications, multimedia application, and bandwidth extensive application will be connected to the Gigabit copper ports through 1000Base-T to switches with level-3 filtering capabilities.
6. Patch Management, Active Directory & Client Server Anti Virus, Proxy, Mail & Web & other network management related services will be run on this LAN.
7. There will be one layer-2 switches (at least 24 10/100 Base T with two 10/100/1000 Base T) on each of the four floors of CICR Main Building.
8. The existing passive components will be used as far as possible.
9. The scope of the work of the Implementing Agency will be supplying of the active & passive component, route survey, route map diagram & laying, testing of laid cable, installation, connectivity & integration of the LAN with existing & new equipments, testing of LAN, integration with servers, clients, power supply & peripherals, testing of LAN network audit using LAN protocol analyzer & maintenance of the LAN for 98% uptime.
10. There may be various options to implement this LAN. The Implementing Agency may make their own design based on the product line chosen by them. The alternative design should not adversely affect the performance at the network edges & bandwidth of the backbone. It is also clarified that the Implementing Agency may choose any combination/size of switches so as to provide requisite number of ports of the prescribed specifications with no compromise on overall performance.
11. A pre-bid meeting shall be held to ascertain the technical viability of alternative solutions suggested by various bidders in respect of network design. This meeting shall be held on Thursday 16.10.2008 at 2:00 PM. The specifications and design given at point no.4 may be modified after this meeting.
12. The bidder must give details of current installation base of the active components (particularly layer-3 and layer-2 switches) which is in operation in different organizations. He should also enclose certificates of satisfactory performance of the same.
13. The Vendor should assist the System Developer (Commercial & Maintenance Control System) to establish the Client-Server functions on the network.
14. Proper training to the nominated officers/ officials is required.

Terms & Conditions:

1. The price should be inclusive of all taxes/VAT
2. Sealed quotation along with the literature and pamphlets should reach this office on or before **18.10.2008**.
3. As the Equipment /Instrument / Components is urgently needed for our research work, the firms who will be able to make immediate supply **F.O.R., Central Institute for Cotton Research, Panjari Farm, Wardha Road, Near Khapri, Nagpur** should quote.
4. Envelops may please be superscribed with the word **“Quotation for Active & Passive Components of High Speed LAN”**.

5. Instruments indigenous or imported will be purchased from only those parties, who can ensure and undertake to provide the satisfactory after-sales-service within the country. The supplier should also ensure to offer a complete detailed package on back up support, prompt commissioning, after-sales-service including workshop backup, timely supply of spares, timely repair of equipments, proper training to Scientists/Technicians on use.
6. Guarantee / Warranty period offered and after sales service available should be clearly mentioned.
7. The list of users of reputed laboratories of the same equipment should also be made available.
8. The make, quality and specifications may be stated in detail/must be as per details given by this office.
9. In case supply is not made within a fixed period the office reserves the right to cancel the order.
10. The payment will be made only after completing delivery according to the specifications, quality and quantity given in the quotation/purchase order.
11. Other terms and conditions of supply if any may also be stated.
12. Materials will be accepted only after giving satisfactory demonstrations.
13. The Director, CICR, reserves the right to accept or reject one or all quotation/s without assigning any reason thereof.
14. The quotations, without the above desired information / received after the due date are liable to be rejected.

Yours Faithfully,

Administrative Officer