



ALL INDIA INSTITUTE OF MEDICAL SCIENCES
SAKET NAGAR, BHOPAL – 462024 (M.P.)

Notice Inviting Quotations

File No. AIIMS/IT/RF Connectivity/2016-17

Date: 20.12.2016

Sub: Regarding radiofrequency connectivity in AIIMS Bhopal Nursing Hostel.

Name of the work: Supply, Installation of the Radio frequency antennas For Nursing Hostel at AIIMS Bhopal.

In reference to further plan of establishment of the internet connectivity at **AIIMS BHOPAL Nursing Hostel** through point to point (Radio Frequency), sealed quotations are invited by the **Director AIIMS Bhopal** which will be received at the below mentioned office from the experienced IT Vendors who has been done similar type of works. A **point-to-point** connection refers to a communications connection between two nodes or endpoints. We distribute internet through Radio frequency (RF) channel.

The Medical College building is already served with 100 MBPS optical fiber lease line. We desire wireless connectivity in the following buildings in the first phase.

Connectivity to be done from AIIMS Bhopal Medical College:

1. Medical College building to Nursing Hostel – *approx.* 300 mtrs.

Point to Point connectivity is to be done between Nursing Hostel & Medical College. Also the Wi-Fi access point is to be installed in the Nursing College as per the IT Engineer Directions. Work completion includes supply of all the items + Installation of Wireless Outdoors CPE (Point-To-Point), Wi-Fi Access Point with required cables. Installation report is to be signed by the deputed IT Engineer then only the bill can be raised by the vendor.

Last date of Quotation submission 28th December 2016

Place for Submission Stores Department, 1st Floor Medical College
Building, Saket Nagar AIIMS Bhopal
462020

1. List of Items Required:

S No	Item name	Quantity
1	Wireless Outdoors CPE (Point-To-Point)	1
2	WI-FI ACCESS POINT	6
3	CAT 6 CABLE (300 MTR 1 BUNDLE)	1 Bundle

2. Technical Specification:

Sr. No.	Item description	Technical specifications
1	Wireless Outdoors CPE	<p>Standards IEEE 802.11g,IEEE 802.11b,IEEE 802.11n,IEEE 802.3,IEEE 802.11</p> <p>Device Management Web-Based – Internet Explorer all ver. or later; Netscape Navigator or later; or other Java- enabled browsers.SNMP v.3</p> <p>Wireless Distribution System AP Client,PtP Bridge,PtMPBridge, Repeater</p> <p>Security 64, 128, 152-bit WEP,AES, TKIP,WPA2 802.1X (EAP-MD5, EAP-TLS, EAP-TTLS and EAP-PEAP) MAC Address Access Control (Wireless MAC Filtering)</p> <p>Media Access Control CSMA/CA with ACK</p> <p>Wireless Frequency Range Minimum 5.8 GHz</p> <p>Wireless Signal Range Indoors: Up to 500 meters Outdoors: Up to 1000 meters</p> <p>Modulation Technology Orthogonal Frequency Division Multiplexing (OFDM) Complementary Code Keying (CCK) DQPSK,DBPSK</p> <p>Wireless Transmit Power Minimum 25 DBI</p> <p>Antenna Type Must be internal</p> <p>LED Indicators Power , LAN (10/100/1000 Mbps) WLAN (Wireless Connection)</p> <p>Temperature Operating: 32°F to 140°F (0°C to 40°C) Storing: 4°F to 149°F (-20°C to 65°C)</p> <p>Humidity 95% maximum (non-condensing)</p> <p>Power Input Ext. Power Supply 100v-230v 50Hz, 10W or above</p> <p>Warranty Comprehensive warranty shall cover the whole system for 1 years (All charges, material, labour and other incidentals have to be borne by the supplier during the warranty)</p> <p>Brochure Enclose original brochure of manufacture</p>

3. Price Bid

S No	Item name	Make	Quantity	Unit Price	Total Price
1	Wireless Outdoors CPE (Point- to- Point)		1		
2	WI-FI ACCESS POINT		6		
3	CAT 6 CABLE (300 MTR 1 BUNDLE)		1 Bundle		
4	Total Price (Sum of 1 to 3) in words also				

Note:-

- Total Price of the items include installation also
- Vendor has to do complete networking work at the site which includes RJ-45 connector punching and Cat-6 cable fitting.
- Vendor has to also ensure that the Wi-Fi access point installed is working properly.
- Vendor has to provide the installation report duly signed by the IT Engineers, which should clearly show that all the equipments are working properly & internet is functioning in the Nursing Hostel premises.
- Price Bid should be given in the same format as asked above.
- Brochure of all the items asked should be submitted.

Terms & Conditions:

1. The quotations must be submitted in a sealed envelope duly mentioning the NIQ number and name of the work.
2. Time is the essence of the contract. Once the quotation of the lowest bid vendor is accepted and work order is issued, total work completion time is 3 days.
3. **PAYMENT TERMS:-** Payment shall be released after the successful completion of Supply and installation of the items i.e. installation report and receipt of bill after deducting TDS as per Income tax Rules and any other deductions
4. Payment shall be made through Account Payee Cheque or Electronic Clearing System only and the charges shall be deducted from the bill.
5. Tenderers may please note that they shall follow the safety and security procedures while working at AIIMS Bhopal as per the Institute's norms.
6. Tenderers may please note that the work should be executed as per the standard specification.
7. The work shall be carried out as per standard specifications as mentioned by AIIMS Bhopal and also as per manufacturers specifications as directed by Engineer-In-Charge.
8. If the contractor fails to maintain the required progress or to complete the work and clear the site on or before the expiry of contract period he shall on account of such breach, pay agreed compensation at ½% of the value of the work per week subject to maximum of 10% of tendered value of work.
9. AIIMS does not bind itself to accept the lowest or any other quotation, and reserves the authority to reject any or all of the quotations or to allot part of the works to different agencies without assigning any reason thereof. All quotations, in which any of the prescribed conditions is not fulfilled or the agencies put any condition not acceptable to AIIMS Bhopal including that of conditional rebate is liable to be summarily rejected.
10. The quotation must be quoted duly typed on the letter heads of the supplier / Manufacturer duly mentioned full address, VAT No. / PAN No. / TDS No. / TIN No. and must be in a sealed cover which should be super scribed as **"Quotation for Radiofrequency connectivity in AIIMS Bhopal Nursing Hostel"**.

Director (AIIMS Bhopal)

Copy to :-

1. Director AIIMS, Bhopal.
2. Notice Board, Nursing College.
3. DDA, AIIMS Bhopal
4. AO, AIIMS Bhopal
5. FA, AIIMS Bhopal
6. I.T. Section, AIIMS Bhopal for Publication in Website