



HEAD OF THE DEPARTMENT
DEPARTMENT OF PHYSICS
Gauhati University

Gauhati University
Assam 781014, India
www.gauhati.ac.in

Ref. : PHY/MPB/2017/1046 dated 12-05-2017

Notice Inviting Quotations

Sealed quotations from reputed manufacturers/dealers/suppliers are invited for installation of a department-wide Wi-Fi network and necessary work for upgrading the existing LAN for the Department of Physics, Gauhati University. The quotations should be addressed to **The Head of the Department, Department of Physics, GU** and must reach the Department of Physics, Gauhati University by **Friday, 19 May, 2017**.

The received quotations will be opened on **Monday, 22 May, 2017** at the Office of the Department of Physics, GU at **11:00 AM**.

All prospective suppliers are requested to go through the Specifications of the items and Terms & Conditions mentioned in the following page.

Dr Madhurjya P Bora
Head of the Department of Physics, GU



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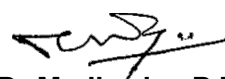
gauhati.ac.in/physics.php | web.gauhati.ac.in/physics

Physics Department, Gauhati University, Assam 781014, India

Terms & Conditions

1. It is mandatory that prospective supplier/dealer/manufacture carry out a survey of the department before submitting the quotation in order to determine the numbers and types of necessary items required for the work.
2. The quotation MUST be complete in terms of quantities of various items viz. N/W Switch, Port, required amount of N/W cables, Access Points, Routers etc.
3. The selection of the quotations will be based on feasibility, completeness, and cost of the proposal, which is best suited for the department.
4. Gauhati University (GU) reserves the right to modify/cancel the requirements without any further notice.
5. All quotations will be treated as per GU rules and regulations.
6. Quoted rates MUST be valid for 90 days.
7. All quotes MUST be made in Indian Rupee and MUST mention VAT/Tax/Installation charges separately.
8. All quotes MUST contain all the necessary items required for the mentioned project No part-quotation will be accepted.
9. All suppliers MUST produce an “**OEM Authorisation Certificate**” for the quoted items and manufacturer’s price lists wherever applicable.

For specifications, please see the next page.



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Specifications of Various Items

SI No.	Item	Detailed Description
1.	Network Cables	Minimum CAT 6 standard
2.	Access Point	<ul style="list-style-type: none"> (a) Should support 2.4GHz concurrent users with 802.11 b/g/n capability (b) Should have Gigabit ethernet port with IEEE 802.3 standard with standard PoE support (c) Should have flexible bandwidth management capability per SSID (d) Should be able to power using standard PoE port, simultaneously operating in full MIMO mode (e) Should have -96 dB or better receiver sensitivity (f) Should support data transfer rate up to 300 Mbps at 40 MHz (g) Should support clan tagging on LAN ports and wireless SSID antenna (h) Should support all the standard security mechanisms (i) Should be able to be managed by standalone controller, if required (j) Should support remote log server (k) Should be WPC approved
3.	Wireless Controller	<ul style="list-style-type: none"> (a) Must have a minimum 8 SSID for VLAN (b) Must support RF management with 20/40/80 mhm channels with 802.11a/b/g/n/ac (c) Should support rapid spanning tree, CoS based on 802.1p priority, physical port, DHCP, and 802.1X port based access control (d) Must have option for port security, storm control, and port isolation (e) Should support Access Control list and attack prevention mechanism (f) Must provide all standard security mechanisms (g) Must support per-user bandwidth control mechanism (h) Must support load-balancing options (i) Should support unified configuration import and export (j) should support WEB User interface (k) Should support Guest SSID (l) Should have provision for Guest SSID to support up to 500 client device with Captive Portal facility, and capable of DHCP support
4.	Network Switch	Gigabit, managed
5.	Other accessories as per requirement	Should be of industry standard (accessories such as RJ45 ports, I/O box etc.)



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