

QUOTATION/ WI-FI/ HOSTEL/2026

Sealed Quotations are invited for the following items. Rates to be quoted on unit bases and the quotation should reach the office of the undersigned by 24/03/2026.

1. Indoor Access Point. *
2. Outdoor Access Point. *
3. Cat 6 Cable.
4. Armoured Multimode Fiber Optic Cable.
5. Multimode Fiber Patch Cord.
6. Multimode SFP+ (10G) compatible module.
7. Loaded LIU (Light Interface Unit) Tiffin Box.
8. 24-port Gigabit PoE + Managed Switch with minimum 2x10G SFP ports and minimum 200-watt power budget.
9. 16-port Gigabit PoE+ Mini Switch with minimum 180-watt power budget.
10. 8-port Gigabit PoE+ Switch with minimum 80-watt power budget.
11. Labour and installation charges.

* **Preferred brands** Cisco, Fortinet, Netgear, D-Link, Finolex, EnGenius, Grandstream, TP Link and Zyxel.

* Technical Specifications for Access Points

1. General
 - Indoor /Outdoor Enterprise-grade wireless access point
 - Must be new, non-EoL, and commercially available
2. Wireless
 - IEEE 802.11ax (Wi-Fi 6)
 - Dual band: 2.4 GHz & 5 GHz (simultaneous)
 - Minimum 2x2 MU-MIMO
 - Minimum aggregate throughput: ≥ 1.8 Gbps
 - Support OFDMA and Beamforming
3. Capacity
 - Support minimum 200 concurrent clients per AP
 - Support minimum 8 SSIDs
4. Network & Power
 - Minimum 1 x Gigabit Ethernet (10/100/1000 Mbps) uplink
 - PoE powered (IEEE 802.3af or 802.3at)
5. Security
 - Support WPA3 and WPA2
 - Support 802.1X (RADIUS)
 - Support VLAN tagging (802.1Q)
6. Management
 - Support centralized management (cloud or on-premises)
 - Support local web-based management
 - Support SNMP
7. Mounting & Environment
 - Ceiling / wall / Pole mount support
 - Indoor Operation
 - Outdoor Operation
8. Warranty & Support
 - Minimum 3-year OEM warranty
 - OEM support available in India