



Celebrating Platinum Jubilee
(2025-26)

ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਇੰਜੀਨੀਅਰਿੰਗ ਕਾਲਜ GURU NANAK DEV ENGINEERING COLLEGE

An Autonomous College under UGC Act, 1956

Institute accredited by NAAC (A Grade) & TCS

NBA and Institution of Engineers (India) Accredited UG Programmes

AICTE Approved, Affiliated to IKG Punjab Technical University, ISO : 9001:2015 Certified

Ref. No. CC/3311-3319

Dated: 07/08/26

Quotation Call Notice

To

M/s _____

Subject: Invitation of sealed quotations for Partial Up-gradation and Strengthening of Institute's Existing Ruckus Based Network Infrastructure.

Sealed quotations (with full Terms & Conditions and Detailed specifications) are invited from the Network Integrators for the items shown below and the same will be received by this office by 25th August, 2026 up to 4.00 PM. No Quotation will be entertained after due date.

S.No.	Description	Unit	Qty	Make	Model
1	L3 Network Switch 24-port 1/10 with 2-ports 40/100 Gbps for Uplink with redundant power supply and at least three fans airflow or Higher/Newer Model with three years of Associate Partner Support with RMA and Life Time Warranty	Nos	2	Ruckus	ICX7550
2	L2 Network Switch 24-port 10/100/1000 Mbps, PoE+ 802.3at, 30W Class 4 ports, 4×10GbE SFP+ for Uplink, 370W PoE, or Higher/Newer Model with three years of Associate Partner Support with RMA and Life Time Warranty	Nos	5	Ruckus	ICX8100
3	Virtual Controller SmartZone 3.0 or Higher/Newer Software, 1 Instance, with 23 AP Licenses and three year Support with Life time warranty.	Nos	2	Ruckus	VSCG (High Scale)
4	Wireless Access Point, Wi-Fi 6, Dual-band concurrent 2.4 GHz & 5 GHz, BeamFlex+, Multigig Ethernet ports, POE capability, Surface Mount Bracket or Higher/Newer Model with three years of Associate Partner Support with RMA and Life Time Warranty	Nos	2	Ruckus	H350



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5	Wireless Access Point, Wi-Fi 6, Dual-band 802.11abgn/ac/ax, 2.4GHz & 5GHz, BeamFlex+, Multi-Gigabit Ethernet ports with POE capability, With mounting kit and without DC Power Adapter or Higher/Newer Model with three years of Associate Partner Support with RMA and Life Time Warranty.	Nos	21	Ruckus	R550
6	10GBASE-LR, SFPP SMF LC CONNECTOR	Nos	38	Ruckus	10G-SFPP-LR
7	10GbE Direct Attach SFP+ to SFP+ Passive copper cable, 3 m	Nos	10	Ruckus	10G-DAC
8	Fiber Patch cords Single Mode (2m)	Nos	38	Molex/ Legrand	91.9L.872.0020 0
9	Cat6 cable roll 305 Mtr	Box	5	Molex/ Legrand	CAA-00077- BL
10	Cat6 Patch Cords (2M)	Nos	23	Molex/ Legrand	PCD-02042-0E
11	Cat6 Patch Cords (1M)	Nos	23	Molex/ Legrand	PCD-02041-0E
12	24 Port Fully loaded Patch Panel	Nos	5	Molex/ Legrand	PID-00141-04
13	Information Outlet (I/O)	Nos	23	Molex/ Legrand	KSJ-00018-02
14	SMB	Nos	23	Any	-----
15	Faceplates	Nos	23	Molex/ Legrand	WSY-00012-02
16	Cable Manager	Nos	7	Commrux	Comruxx
17	PVC Conduit 32MM	Mtrs	500 Appr ox.	Any ISI make	-----
18	25 MM Flexible pipe role	Nos	2	Any ISI / Local make	-----
19	Laying, Termination, Penta Scanning, Installation, Numbering and Configuration Charges Etc.	Lump sum As per Actual			



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The proposed work pertains to the **partial up-gradation and strengthening of the Institute's existing enterprise network infrastructure**, which presently operates on a **Ruckus-based wired and wireless network** comprising Ruckus Layer-3 and Layer-2 switches, wireless controllers and wireless access points. Since the procurement is intended to expand and strengthen the existing infrastructure rather than replace it entirely, **the bidder shall ensure complete compatibility and seamless integration of all newly supplied hardware with the existing Ruckus wired and Wi-Fi network, without affecting the current network operations, management and security.** The successful vendor shall be solely responsible for:

- Supply, Laying, Installation, Testing and Commissioning of all quoted equipment.
- Complete integration of all newly supplied hardware with the Network switches, wireless controllers, wireless access points and network management system.
- Ensuring seamless interoperability between the existing and newly installed equipment without disruption to the Institute's production network.
- Configuration, migration (wherever required), optimization and commissioning of both wired and wireless services.
- Extending the existing wired as well as Wi-Fi network while maintaining uniform network policies, VLANs, authentication, roaming, security and centralized management, so that the existing and newly installed switches, wireless controllers and access points operate under a Unified Management Architecture. Solutions requiring separate management platforms or resulting in degraded functionality of the existing network shall not be accepted.
- Rectification of any interoperability issues arising during implementation at no additional cost to the Institute.

The entire upgraded network shall function as a single integrated network and not as separate independent installations.

The Vendor shall be an Authorized Ruckus Partner/System Integrator and must possess adequate expertise in deployment and integration of enterprise Ruckus wired and wireless networking solutions. The Institute may ask the bidder to demonstrate previous experience of similar Ruckus network deployments in educational institutions, government organizations or enterprises. The quotation must be accompanied by an ink signed MAF (Manufacturer's Authorization Form). The Authorised Partner must be located within the Punjab / Chandigarh region.

The Vendor can carry out a detailed site survey before installation and shall verify compatibility of all proposed hardware with the Institute's existing infrastructure. No claim regarding incompatibility or additional components required for successful integration shall be entertained after the award of work.

Vendors may quote higher or newer models having specifications equal to or better than those specified, including in case of non-availability of the desired models; however, such models **must be fully compatible with and capable of seamless integration into the Institute's existing Ruckus wired and wireless infrastructure.** Comparison will be made on the basis of the minimum specifications given by the Institute;



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however, the Institute reserves the right to choose a higher configuration, if offered by any vendor, depending upon the price and specifications, and no claims in this regard will be entertained. The bidder shall submit documentary evidence (OEM datasheets / compatibility documentation) wherever required. The decision of the Institute regarding technical suitability and compatibility shall be final.

The quotation should F.O.R. destination showing separately the cost price, packing & forwarding charges etc., but exclusive of the Tax, which will be given extra according to the order(s) of the government on the subject.

The Quotations must be addressed to “**Principal, Guru Nanak Dev Engineering College, Gill Park, Gill Road, Ludhiana - 141006**”. Please do not send the quotations by email.

“**Quotation for Upgradation of Networking**” must be mentioned on the Envelope.

Any other charges such as taxes / installation / transportation / delivery etc. must be clearly mentioned by the supplier in the quotation. No extra payment will be made except the prices / costs mentioned in the quotation.

Payment will be made within 21 days after the Installation and successful inspection of working of existing as well as newly installed Network Infrastructure at the GNDEC premises.

3 Years Onsite support and Life Time Warranty as specified will be provided by the supplier.

Deviations from our specifications or Terms & Conditions, if any, must be clearly mentioned.

Other Terms and conditions, if any, will be clearly mentioned by the Vendor.

The institute reserves the right to cancel any part or whole of the purchase without assigning any reason.

Disputes, if any, shall be under the jurisdiction of Ludhiana District Courts only.

If the said terms and conditions are acceptable to you, then send your quotes before due date as mentioned above.

Sd/-
Principal