



مكتب نائب الرئيس للشؤون الإدارية والمالية Office of Vice President for Administrative and Financial Affairs

وحدة المشتريات واللوازم Procurement & Supplies Unit

Campus Wireless Solution – Technical Proposal and Pricing
751/2025

Please submit offers on the subject above as detailed in the attached file, taking into consideration the following:

1. Abidance to specifications and quantity.
2. The university is not obligated to accept the lowest prices, without giving any reasons or justifications.
3. The offer should be valid for at least 90 days.
4. Prices are quoted in **\$ Including VAT**.
5. For further information about the tender please call Mr. Abdallah Suleiman at telephone # 02 2982136.
6. The offer should be presented in a closed, sealed envelope, with the company name and address written, in addition to the tender title & number.
7. The deadline for submitting the offer is 22 December 2025, by 12:00 noon, via email to tenders@birzeit.edu.
8. The supplier needs to be experienced and specialized in the services and supplies he's going to provide.
9. The supplier needs to have a valid bank account under the name of his company that accepts bank transfers.
10. The service provider needs to be registered in the tax authorities and has a government-licensed workshop and able to issue tax invoices and tax-free invoices.
11. The service provider needs to be registered in the tax authorities and has a government-licensed workshop and able to issue tax invoices and tax-free invoices.
12. The supplier needs to be able to issue a deduction-at-source certificate.
13. The eligible money for the supplier will be disbursed through a bank transfer and in the bill's currency type, and to be payable after 60 days from the date of delivery after the submitting of the required papers and the finical claim.
14. The university employees can't enter or participate in the tenders, and the services or the supplies can't be provided by them.

15. Direct or first-degree relatives of the Procurement & Supplies unit's employees can't also enter or participate in the university's tenders.
16. Any offer that does not comply with above conditions will not be taken into consideration.
17. The meeting will be held on Monday, 15/12/2025 at 10:00 AM at the Information Technology Department office.
18. For any clarifications or technical inquiries, please contact Eng. Tareq at mobile number: 0593133373.

Contract (or Purchase Order for suppliers) terms:

- 1- If the awarded contractor declined/delayed in receiving the tender award decision, or signing the notifying form or the contract within the designated date, then the insurance money offered by them is to be forfeited (if the tender is conditioned by a security deposit) and brought into the university account, the tender then is awarded to the second choice in the list.
- 2- If the awarded contractor default in executing the tender or has a delay in delivering the supplies or carrying out the agreed upon work fully or partly within the designated date, or violated any part of the tender terms including the adherence to the technical specification, then the university has the right to buy the supplies from the domestic or the foreign markets and in the common prices, also it has the right to execute the works in the way and costs that suits it, the university can also charge the contractor the price difference and any additional charges.
- 3- In addition to what is mentioned above, the contractor or participant's file and violations will be remitted to the Central Tenders Committee to discuss the necessity of imposing additional penalties on the contractor or the participant depending on the effects of the violations, and ensuring these violations are not to be repeated in the future by doing the following:
 - a- The participant will be banned from entering any future university tenders for a whole year after the date of notifying him/her.



مكتب نائب الرئيس للشؤون الإدارية والمالية Office of Vice President for Administrative and Financial Affairs

وحدة المشتريات واللوازم Procurement & Supplies Unit

b- The participant will be banned from entering any future university tenders, and will be listed in the blacklist with setting out reasons and will be cleared from it only by a decision from the university chairperson.

4- The Procurement and Supplies unit manager will notify the participant or the contractor with the Central Tenders Committee decision in 10 days of the issuing date.

Please review the attached file for information about Technical Specifications and quantities.

Best regards.

Adel Ghaith

Procurement & supplies unit

Dears,

We invite qualified vendors (Enterprise Level) to submit proposals for a comprehensive **Wireless Solution** Study for the University Campus, including detailed Budgetary Pricing .

The objective is:

- - **High-density**, future-proof and secure wireless infrastructure Solution
- - **Seamless client roaming**
- - High performance & **throughput** Solution across the entire campus.
- - Fully Utilize the current Wireless Solution, provide a Trade-in, or provide a new Competitive Solution.

Objectives

- Provide full wireless coverage across the entire campus (**indoor & outdoor**).
- Enhance network capacity, reliability, and performance.
- Support high-density areas (indoor & outdoor)
- Provide a scalable architecture ready for future expansion (expected 10 years lifetime).
- Full compatibility for Wi-Fi 5 and Wi-Fi 6E, and a design ready for future Wi-Fi 7 upgrades.

- All outdoor wireless units must support all required **frequency bands** with **full channel** availability, So Indoor Units with External Antennas are allowed.

Scope of Work

Site Survey & Assessment

- Physical site survey (active/passive as needed).
- Assessment of existing cabling, switches, controllers, and APs.
- Identification of RF interference, dead zones, high-density areas.
- Documentation

Campus Wireless Design

- Detailed heat-map design for all buildings and outdoor areas.
- Access Point placement map with exact locations.
- RF optimization plan (channels, power, roaming).
- Capacity planning based on client density.
- Redundancy and failover recommendations (Controller / Management side)

- Design for high-density large classrooms, auditoriums, and open areas.

The vendor must provide:

- AP models, antennas (if needed), and mounting kits.
- Wireless Controllers (physical or cloud-managed).
- Licenses and subscriptions.
- Service contract for 3 years, 5 Years, 10 Years
- All units should have a life time warranty.

Acceptance Tests

- Coverage validation (SNR, RSSI, throughput).
- Roaming tests (for large number of clients: 6k-10k clients)
- Capacity and stress testing.
- Verification of security/authentication (802.1X).
- Issue Debugging
- Reporting

Technical Requirements

- Must support 802.11ax (Wi-Fi 6 / Wi-Fi 6E, ready for Wi-Fi 7).
- WPA3 security capability.
- MU-MIMO, and band steering.
- Support for role-based access policies.
- Built-in firewall and application control (preferred).
- Integration with RADIUS.
- Guest network with captive portal.
- Centralized management.
- Real-time RF monitoring and automatic channel/power optimization.
- Full Client troubleshooting