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Response to RFP

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**Done by:**

Hesham Ahmed – 202003472

Yusuf Ali Hasan / 202006103

Ali Ahmed Ali - 20193895

Sayed Mahmood Alawi - 20194103

## Introduction:

We, [Network Solutions Inc], are pleased to submit our proposal for the network extension project at Souq Al-Manama Business School. Our company specializes in providing reliable and efficient network solutions for educational institutions, we are confident in our ability to deliver a high-quality network that meets your expansion needs, and we are excited about the opportunity to support the school's expansion plans.

## Scope of Work:

Our approach includes designing a scalable network for the new facility that integrates seamlessly with your existing infrastructure. We will ensure that the computer labs and research rooms are equipped with the latest technology to provide a good learning environment.

## Project Requirements:

We will install 20 high-performance student computers and one instructor computer in each lab, all connected to a secure local area network (LAN). Each research room will be equipped with four advanced computers, also connected to the LAN. Our solution guarantees high-speed internet access, with a Wi-Fi network capable of supporting 60+ users simultaneously. We propose a centralized network storage system that offers good space for data sharing and backups. The servers we install will be powerful enough to handle all computational tasks required by the labs and research rooms.

## Business requirements

The network extension project at Souq Al-Manama Business School aims to align with the school's strategic objectives, develop its educational offerings, and support its mission of providing quality business education in a technologically advanced environment.

## Technical Solution:

Our proposed solution involves deploying newest networking equipment and technologies to meet the school's requirements. We will design a network that ensures fast and secure connections, utilizing industry-standard protocols and encryption methods to safeguard data.

## Project Plan:

We have developed a detailed project plan that outlines milestones, timelines, and resource allocation. Our team will work closely with the school's IT department to ensure a smooth and timely implementation of the network extension.

### Resource Allocation:

* Project Manager: 1 full-time
* Network Engineers: 2 full-time.
* Technicians: 4 full-time (during installation phase)
* Training Specialist: 1 full-time (during training phase)

### Milestones:

1. Site Survey and Needs Assessment
2. Network Design and Approval
3. Equipment Procurement
4. Installation and Configuration
5. Testing and Quality Assurance
6. Training for School Staff
7. Final Documentation and Handover

### Timelines:

* Site Survey and Needs Assessment: 1 week.
* Network Design and Approval: 2 weeks.
* Equipment Procurement: 1 week
* Installation and Configuration: 4 weeks
* Testing and Quality Assurance: 1 week
* Training for School Staff: 1 week
* Final Documentation and Handover: 1 week

## Technical Solution Description:

**Network Design:**

* Wired connections using Cat6 cables for computer labs and research rooms.
* VLANs configured to segregate traffic for security and efficiency.
* Good Wi-Fi access points strategically placed for seamless coverage.
* Firewall and intrusion detection systems to enhance network security.
* Redundant switches and routers for high availability.

### Technologies:

* Ethernet for wired connections.
* IEEE 802.11ac for Wi-Fi.
* VLANs for network segmentation.
* IPsec VPN for secure remote access.
* SNMP for network monitoring.

### Equipment:

* Cisco Catalyst switches for wired connections.
* Access points for Wi-Fi coverage.
* Firewall for network security.
* Servers for computational needs.
* NAS for network storage.

## Pricing Information:

Our pricing includes equipment costs, installation fees, and optional ongoing maintenance and support charges. We will offer competitive pricing while maintaining the highest standards of quality and service.

## References:

We have extensive experience working with educational institutions and can provide references from previous clients upon request. Our track record speaks to our commitment to delivering successful network solutions.

## Conclusion:

In conclusion, we believe that our proposal offers a comprehensive and cost-effective solution to meet the network extension needs of Souq Al-Manama Business School. We are confident in our ability to deliver a reliable and efficient network infrastructure that will support the school's educational objectives.

Thank you for considering our proposal. We look forward to the opportunity to work with you on this project.

Sincerely,

[Vendor Name]