

RFQ DOCUMENT

FAST-National University of Computer and

Emerging Sciences, Multan Campus

PROVISION OF IT INFRASTRUCTURE

FOR FAST - NUCES DHA Multan

Ref: 08-0626/IT/MBLK

RFQ DOCUMENT

FAST National University of Computer and Emerging Sciences, Multan Campus PROVISION OF IT INFRASTRUCTURE FOR FAST - NUCES DHA Multan

1. Quotations are invited from reliable firms having NTN & Sales Tax registration for **PROVISION OF IT INFRASTRUCTURE FOR Main BLOCK, FAST – NUCES DHA Multan** as per detail available at **Annex-A**.
2. **Submission of Quotation.** Single Stage-Single Envelop procedure. **Quotations** are submitted in person.
3. **Eligibility Criteria:** To be eligible, the firm must be:
 - a. Registered with FBR for sales tax as well as income tax.
 - b. Be active on taxpayer list
 - c. Never Blacklisted. Affidavits on stamp paper is required.
 - d. Not under any litigation with any organization. Affidavits on stamp paper is required.
 - e. Lot-wise submissions are also permitted; however, each submitted lot must be complete. Only complete lot submissions will be considered for evaluation.
4. **Quotations and Attachments to be provided by Firms:**
 - f. **Quotation** prices item wise duly totaled up in local currency- PKR, All inclusive.
 - g. **Comparison/Selection of Quotation:** FAST-NUCES DHA Multan will have the option to make selection Technical Solution item wise or Lot wise, otherwise and cancel **Quotations** without any liability.
 - h. **Quotations** should be **valid** for at least **60 days** after the opening date.
 - i. Firms to ensure submission of documents as per details provided in **Annex-B**.
 - j. **Quotations** may be submitted by a nominated representative of the firm.
 - k. Multiple firms operating under common owner/administration will submit only **one Quotations out** of any one of its registered/legal entities.
5. **Instructions for Firms (Be Noted Carefully):**
 - a) Incomplete **Quotations** in any aspect will be rejected / disqualified.
 - b) **Quotation(s)** shall be rejected **if the rate(s) and models are unclear, incomplete, ambiguous, conditional or not totaled.**
 - c) **Penalty for delays:** 1% of total value of the Purchase Order / per week.
 - d) **Guarantee: The selected firm(s) shall submit a guarantee equivalent to 5% of the Purchase Order value prior to the issuance of the PO.**
 - e) **Right to purchase at Risk-and-Expense of Firm/s,** if the selected Firm/s: **(i)** fails to complete the order, or **(ii)** delays to supply within the delivery time quoted or extended time given by Purchaser, or **(iii)** supplies **sub-standard** items, or **(iv)** supplies low quality items, then FAST-NUCES reserves the right to **(v)** purchase single, all or un-supplied quantity of item(s), by the suppliers at **Risk-and-Expense** therefore forfeit **performance guarantee** and resort to administrative actions, etc.
 - f) **FAST-NUCES DHA Multan reserves the right to (i)** Increase/decrease the required quantity while placing purchase order or add related item in repeat order. **(ii)** reject any Quotation or procurement process. **(iii)** Amend delivery time. **(iv)** Make clarifications during the contract period etc. any time, as per rules.
 - g) Representatives of firms are allowed to witness the opening of Quotations, without conferring any privilege.
 - h) Only technically qualified firms will be considered.
 - i) Any firm that fails to satisfactorily address all queries raised during evaluation shall be disqualified from the evaluation process.
 - j) **Contract Agreement** shall be signed with successful firm as per FAST-NUCES policy and Provision of **Rs.100 stamp paper** shall be provided by successful firm which shall be delivered before issuance of Purchase Order.
 - k) **Late submission of Quotation** cannot be entertained.
 - l) Information regarding the subject item should not be communicated to unauthorized person(s).
 - m) In case of dispute FAST-NUCES shall be final and binding on both the parties.

- n) Firms will ensure that the “End of Sale” and “End-of-Life” (EOL) items are not being quoted / provided.
- o) **Delivery Time & Commissioning:** Delivery, installation and commissioning time shall not be more than 6-8 weeks from the date of issuance of the Purchase Order.
- p) Submitted Quotations openings may be postponed due to unavoidable circumstances, including public holidays, leave, or official commitments of the President or members of the Committee. If the quotation opening falls on a public holiday, it will be rescheduled to the next working day. In case of postponement due to reasons other than public holidays, we will notify firms through available communication channels.
- q) Selection/ evaluation of items shall be according to the Evaluation Criteria.
- r) **Payment** will be made after deduction of Tax and part of Sales Tax by FAST – NUCES
- s) As per Govt rules. It is the vendor’s responsibility to be on Active Taxpayers list of FBR.
- t) The specifications provided in this RFQ document are the minimum requirements of FAST - NUCES. The firms must meet or exceed these specifications to meet the actual requirements of this project. However, in such cases, additionally proposed or alternate specifications should clearly be highlighted to enable FAST-NUCES to clearly ascertain the impact of modified specifications.
- u) **The vendor must provide 1-year SLA for any repair & maintenance coverage of the equipment or services.**
- v) The proposed solution must comply with all applicable laws, regulations, and policies of the Government of Pakistan. The firm shall ensure that the solution is lawful, non-objectionable, and does not violate any legal or regulatory requirements.
- w) **All equipment mentioned in each LOT shall be the responsibility of the successful firm/s to deliver, commission, configuration and test on the site. The firms/vendors must include all costs associated with these items while submitting the quotation. (All quoted prices shall be inclusive of all applicable charges, including shipment, government duties, delivery, commissioning of equipment/item, configuration, testing & etc. All firms/vendors shall submit their quotations in accordance with the sample format provided in the RFQ document (Clause 7).)**

6. **Clarifications/Technical Queries:** Firms are advised to email their information and any clarification/technical queries to info.it@isb.nu.edu.pk & mandatory CC mtn.dir@nu.edu.pk . No responses will be entertained after the due date.

7. Quotations should be submitted in the following format: -

a. **Format for Quotation**

S. No.	Nomenclature	Unit	Qty	Unit Price	GST	Unit Price with GST	Total Price without GST (Unit price*Qty)	Total Price with GST (Unit price*Qty)
							Total: -----	Total: -----

8. **Selection / Evaluation Criteria:**

- a) Comprehensive Evaluation Criteria is provided in the RFQ document as **Annexure – C**. Final selection will be made by calculating the marks obtained by each firm. Any firm scoring more than or equal to 70% aggregated marks will qualify. The contract will be awarded to the firm offering the Most Advantageous quotation.

9. **Evaluation & Award of Contract:**

- a) Documents must be submitted in person by 11:00 AM on June 29, 2026, at FAST House G-9/4 Islamabad. Submissions received after the specified time will not be accepted or considered. The quotation will be opened & announced (Proposed Solution along with Total Cost) on the same day at 11:30 AM in the presence of the firm’s representatives to ensure transparency.
- b) **Award of Contract:** Following the opening of quotations, a technical evaluation will be conducted, and the contract will be awarded to the most advantageous firm. Only technically qualified firms will be contacted through official communication channels, for further processing and contract award.
- c) The technical evaluation results will be communicated to the firms concerned on request, indicating their qualified or disqualified status.

Director FAST NUCES
DHA, Multan

Case No. 08-626/IT/MLK/ dated 15 June 2026

LOT - 01

Wireless Equipment

S. N	Details	Qty
1	<p>Indoor Access Points: The access point must be enterprise-grade, supporting Wi-Fi 7 with 2.4GHz, 5GHz, and 6GHz bands, and a data rate of up to 4.8 Gbps or above. 1 x 100M/1000M/2.5GE/5GE (RJ-45), 1 x 10M/100M/1000M (RJ-45), 1 x USB Port. It should feature 2x2 MIMO on 2.4 GHz 4 dBi, 4x4 MIMO on 5 GHz 5 dBi, 2x2 MIMO 6 GHz 5 dBi, PoE+ (802.3at) with optional DC input, VLAN support (802.1Q), WPA2/3 security, multiple SSDs, guest traffic isolation, advanced QoS, Support IPsec/DTLS hardware encryption, Queue mapping and scheduling, Support 802.11r fast roaming. Support WEP, WPA/WPA2-PSK, WPA3-SAE, WPA/WPA2-PPSK, WPA/WPA2/WPA3-802.1x, and WAPI authentication / encryption modes, DHCP snooping. It must operate in harsh conditions (-10°C to 50°C), include wall/ceiling mounts, consume up to 22W, and offer a 5-year warranty. WAP should be PoE (standard power) enabled. Configuration and Installation is part of this project. Pre-bid Site survey is mandatory to ensure 100% coverage within the building. If a controller is required, it should be specified, and the quotation should include both the access points and the appropriate controller with suitable lifetime licenses. Quoted solutions must be compatible with the existing network infrastructure of block / building.</p>	50
2	<p>Outdoor Access Points: Minimum Requirements: Outdoor Wi-Fi 7 (IEEE 802.11be) compatibility with IEEE 802.11a/b/g/n/ac/ax access point. Multiband operation: 2.4 GHz 4dBi, 5 GHz 4dBi, and (6 GHz where permitted/optional)4dBi. 5 GHz radio must support 2x2 (4x4 is plus) MU-MIMO with minimum 4 spatial streams. 5 GHz transmit power must be 26 dBm or higher (subject to regulatory limits). Support 20/40/80/160 MHz channel widths with DFS capability. Minimum 2x2 MU-MIMO on 2.4 GHz and (6 GHz optional) radios. 1 x 1G/2.5G/10GE SFP+, 1 x 100M/1GE/2.5GE/5GE/10GE (RJ-45), 1 x 10M/100M/1GE (RJ-45), 1 x USB with 802.3at PoE+ support. Should support 1500 or more users, Outdoor-rated enclosure with minimum IP68 protection and -30°C to +60°C operating range. Support WEP, WPA/WPA2-PSK, WPA3-SAE, WPA/WPA2-PPSK, WPA/WPA2/WPA3-802.1x, WPA-WPA2 and WAPI authentication/encryption modes, DHCP snooping, Wireless intrusion, detection system (WIDS, rogue device detection, STA/AP blacklist and whitelist, VLANs, multiple SSIDs, and fast roaming (802.11r/k/v). Support IPsec/DTLS hardware encryption, consume up to 22W and offer a 5-year warranty. WAP should be PoE (standard power) enabled. VIP bandwidth reservation, User-based bandwidth limiting, Configuration and Installation is part of this project. Pre-bid Site survey is mandatory to ensure 100% coverage of required area. If a controller is required, it should be specified, and the quotation should include both the access points and the appropriate controller with suitable lifetime licenses. Quoted solutions must be compatible with the existing network infrastructure of block / building.</p>	6
3	<p>WLC: Operating modes of full duplex, half duplex, and auto-negotiation Rates of an Ethernet interface: should have at least two 10GE SFP+ interface, and auto negotiation, Flow control on interfaces, Jumbo frames, Link aggregation, provide 6Gbps forwarding performance. support static routes, OSPF, BGP, IS-IS, routing policies, and policy-based routes. Support: PPSK and assign different PSK keys to different terminals under the same SSID, the establishment of CAPWAP tunnels with APs using IPv4 and IPv6 dual stacks, IPv6 dynamic routing protocols, including OSPFv3 and BGP4+, intelligent roaming based on 802.11k and 802.11v, application identification and set control policies based on identified applications. No additional license is required, can communicate with each other over a Layer 3 network through a CAPWAP tunnel, VIP user identification and preferential scheduling. VIP users can ignore any rate limiting policy and increase the priority of air interface packets, URL filtering and allows or prohibits users from accessing certain web pages, the antivirus function, intrusion prevention, detection, and termination of intrusion behaviors. (including buffer overflow attacks, Trojan horses, and worms), the frequency band guidance function, which automatically instructs dual-band wireless terminals to work on the 5 GHz frequency band, automatically switch 2.4 GHz radios to 5 GHz radios through automatic negotiation between APs, reducing 2.4 GHz co-channel interference and increasing system capacity, spectrum analysis, including real-time FFT charts, channel metrics, FFT duty cycle, interference strength, and channel quality. No additional license is required, the function of enabling and disabling the SSID periodically to automatically disable the transmit signals of the specified SSID within a specified period, facilitating network control and providing device configuration screenshots, Load balancing among links of a trunk, Interface isolation and forwarding restriction, Broadcast storm suppression. Traffic classification, Traffic behavior, Congestion avoidance, Queue Scheduling. Local authentication/local accounts (MAC addresses and accounts), RADIUS authentication, Multiple authentication servers: Supports backup authentication servers, specify authentication servers based on the account, configure authentication servers based on the account, Binds ser accounts to SSIDs. MAC Address entries 8K. Wi-Fi Controller compatible with the Access Points lifetime controller license for up to 80 + 6 Outdoor APs.</p>	1

LOT – 02

Firewall & TOR Switch		
	Details	Qty
1	FortiGate-201G Firewall with FortiAnalyzer VM of 5 GB. The solution must include 3-year Advance License (UTP, IPS, AMP, URL, Application Control, URL, DNS & Video Filtering, Antispam Service, and FortiCare Premium, 6 x 10 G SFP+, 4 x 1G SFP transceiver	1
2	8 Port SFP+ Fiber Switch (TOR Switch for ISP to Firewall) The Top-of-Rack (TOR) switch should provide high-speed fiber connectivity between the ISP uplinks and the firewall, ensuring reliable aggregation and low-latency traffic forwarding. The switch should be equipped with 8 x 10G SFP+ fiber ports with SFP+ transceiver, supporting 1G/10G optical modules for high-bandwidth connectivity.	1

LOT – 03

Sr. No	Item	Specifications	Qty
1	IP Camera (Hikvision or equivalent)	Minimum 4 Megapixel (MP) resolution, 2.8mm lens (fixed or vari-focal), CMOS image sensor, H.265+/H.265/H.264+/H.264 video compression, minimum 30 fps frame rate, wide dynamic range (WDR ≥120 dB), low-light performance with minimum illumination ≤0.01 Lux, built-in IR illumination with minimum 30 meters IR range, day/night functionality, smart IR, motion detection, support for ONVIF Profile S/G/T, Ethernet 100 Mbps interface, Power over Ethernet (PoE IEEE 802.3af), IP67 (if applicable for semi-indoor use), ceiling/wall mount support.	50
2	NVR (Hikvision or equivalent)	Support for minimum 64 IP camera channels, onboard video decoding for up to 64 channels at 4 MP or higher, support for RAID 0, 1, 5, 6, 10 (hardware RAID as applicable), support for multiple hard drives (minimum 4 bays), SATA interfaces with capacity support up to 10 TB per drive or greater, ONVIF Profile S/G/T compliance, support for H.265+/H.265/H.264+/H.264 video compression, dual or multiple HDMI/VGA outputs, high-resolution local display support, independent network interfaces (at least 2 x Gigabit), intelligent video analytics support (cross-line detection, intrusion, motion detection), remote monitoring through client software and web browser, support for camera grouping, e-map, multi-site viewing, alarm input/output support, user privilege and account management, hot-swappable drive support, automatic failover, scheduled backup support, firmware upgrade via network, event and log management, backup via USB and network share, secure communication and encryption, humidity tolerance for typical indoor CCTV room environments, compatibility with Hikvision PTZ cameras.	1
3	HDD	Surveillance Graded HDD (10 TB). Only new HDD will be considered.	8

PROVISION OF IT INFRASTRUCTURE FOR A- BLOCK FAST - NUCES DHA Multan
(ATTACHMENT)

Please ensure that all required documents are properly labeled, clearly referenced, and that relevant information is highlighted within the attached files. If any document is mislabeled, unclear, misleading, or missing, the submitting firm will bear full responsibility.

S/No.	Required Documents (ONE COPY ONLY)	Attached? ☐/☐	Placed At
1.	NTN certificate	☐	
2.	Sales Tax certificate	☐	
3.	GST Deposit record	☐	
4.	No Blacklisting & No litigation Affidavit	☐	
5.	OEM Authorization Certificate	☐	
6.	Literature of each quoted equipment and highlighted required features with web link for online verification	☐	
7.	Firm's Registration Certificates Since foundation till date	☐	
8.	Document showing similar equipment/work supplied/completed in last 2 years (Only Last 3 works / POs) (The firm/vendor must attach three (3) separate purchase orders or work orders with proposal / submitted documents demonstrating relevant or similar experience completed within the last two (2) years.)	☐	
9.	Financial Position Record (Bank Statement) – Last 1 Year	☐	
10.	Resume of technical manpower (on company's payroll), posted in Multan office: Relevant to the project only (One Page)	☐	
11.	Quotation is valid for at least 60-90 days	☐	
12.	Each item is quoted separately	☐	
13.	End-of-Life (EoL) and End-of-Sale (EoS) equipment NOT QUOTED	☐	
14.	Prices are quoted in Pak Rupees PKR	☐	
15.	Delivery Time should be as per document	☐	
16.	Equipment is quoted with at least 3-5 Year warranty.	☐	
17.	Make, Origin and Manufacturer is as indicated in the quotation	☐	
18.	Compliance Sheet Signed and Stamped by owner/representative.	☐	
19.	Firm must possess a registered Landline number under its name	☐	
20.	OEM must have registered with SECP and FBR for the past 5 years	☐	

Signature: _____

Name: _____

Firm & Designation: _____

Date: _____

_____ Firm/Vendor Stamp

EVALUATION CRITERIA

S/No.	Evaluation Parameters	Marks
1	Confirmation of Specifications (Mandatory*)	Yes / NO
2	Firm Relationship with OEM (Mandatory*)	Yes / NO
3	Relevant Past Experience of Govt / Private Organization (Preference will be given for Educational) Institutes (Mandatory*)	Yes / NO
4	Principal's Endorsement for correctness and performance of the solution and Authorization letter required for Hardware from OEM. (Mandatory*)	Yes / NO
5	The Principal/OEM shall be listed Leaders/Challengers in Gartner Wired and Wireless in latest Gartner Report. Bidders are required to provide supporting documentary evidence along with their proposal. (Mandatory*) (LOT 1 only)	Yes / NO
6	Conformation of Delivery Time (Mandatory*)	Yes / NO
7	Firms shall also provide hands-on training along with certification Level 4 (FCP / FCSS) of at least 2 technical resources. (Mandatory*) (LOT -02 only)	Yes / NO
8	Financial Statement of last one year.	5
9	The bidder shall have at least one (01) NSE 8–certified resource for Lot 02 and a minimum of two (02) certified resources with CCNP/HCIP certifications for Lots 01. These resources shall be available for the deployment and support of the proposed solution. The bidder must submit the resource profiles/CVs as part of the proposal.	10
10	The vendor must have Office & local support available in Faisalabad / Lahore / Islamabad	15
12	Project experience (for (LOT – 02) at least 20 or more Firewall & for (LOT- 01 & 3) 10 or more deployment in Pakistan, PO must be attached with the submitted documents)	15
13	Detailed project implementation plan along with timelines. The total project duration shall not exceed (8-10) weeks, and execution of deployment in parallel should be considered where applicable. (LOT – 01, 02 & 03)	5
	Total Marks	50

***Any firm that fails to meet the mandatory requirements will be automatically disqualified from the evaluation process.**

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