

RFQ DOCUMENT

FAST National University of Computer and Emerging Sciences, Islamabad Campus PROVISION OF IT INFRASTRUCTURE FOR D- BLOCK, FAST - NUCES H-11/4 ISLAMABAD

Ref: 01-0525/IT/DBLK-P02

RFQ DOCUMENT
FAST National University of Computer and Emerging Sciences, Islamabad Campus
PROVISION OF IT INFRASTRUCTURE FOR D- BLOCK
FAST - NUCES H-11/4 ISLAMABAD

1. Bids are invited from reliable firms having NTN & Sales Tax registration for **PROVISION OF IT INFRASTRUCTURE FOR D- BLOCK, FAST – NUCES H-11/4 ISLAMABAD** as per detail available at **Annex-A**.
2. **Submission of Quotation**. Single Stage-Two 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. Affidavit on stamp paper is required.
 - d. Not under any litigation with any organization. Affidavit on stamp paper is required.
4. **Quotations and Attachments to be provided by Firms**:
 - e. **Quotation** prices item wise duly totaled up in local currency- PKR, All inclusive.
 - f. **Comparison/Selection of Quotation**: FAST-NUCES H-11/4 Islamabad will have the option to make selection Technical Solution item wise or Lot wise, otherwise and cancel **Quotations** without any liability.
 - g. **Quotations** should be **valid** for at least **60 days** after the opening date.
 - h. Firms to ensure submission of documents as per details provided in **Annex-B**.
 - i. **Quotations** may be submitted by a nominated representative of the firm.
 - j. 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) **Performance Guarantee for Warranty Period**. Selected firm(s) shall provide **5% PG** of the PO amount.
 - 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 **Warranty money** and resort to administrative actions, etc.
 - f) **FAST-NUCES H-11/4, Islamabad 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 invited to participate in the opening of financial proposals.
 - 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, **IT & Network Committee** FAST-NUCES H-11/4 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:** 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 Income Tax and part of Sales Tax by FAST - NUCES, as per Govt rules. It is the vendor’s responsibility to be on Active Taxpayers list of FBR.
- s) 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 H-11/4 Islamabad to clearly ascertain the impact of modified specifications.
- t) **The vendor must provide 3-year contract for any repair & maintenance coverage where mentioned.**
- u) The proposed solution must comply with all applicable laws, regulations, and policies of the Government of Pakistan. The offering firm shall ensure that the solution is lawful, non-objectionable, and does not violate any legal or regulatory requirements.

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

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

a. **Format for Technical Quotation**

S. No	Nomenclature	Technical Specifications	Unit	Qty	Make/ Model	Origin

b. **Format for Financial 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**. Both the, i.e. Technical and Financial, carry equal marks. Final selection will be made by calculating the average 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) **Both Technical & Financial** documents must be submitted in person by 10:00 AM on May 29, 2025. Submissions received after the specified time will not be accepted or considered. The quotation will be opened on the same day at 10:30 AM in the presence of the firms’ representatives and the Committee Members to ensure transparency.
- b) **Financial Evaluation:** After the technical evaluation, the date for opening financial will be announced for technically qualified firms. Financial will be opened on the scheduled date & time in the presence of the Committee and technically qualified firm to ensure transparency.
- c) **Award of Contract:** After financial evaluation the award of contract will be given to the Most Advantageous firm.

Convener IT & Network Committee

Case No. 01-0525/IT/DBLK-P02/ dated 15 May 2025

LOT – 01

S.No	Details	Qty	Conformance	Additional details, if higher	Reference Page #
			Yes/No		(Attach Evidence)
1	IP Camera Bullets/Dome : 4/5 MP resolution, minimum 2560x1440 pixel quality, H.265+/H.265/H.264+ video compression, 30 fps frame rate, wide dynamic range (WDR) 120dB or higher, infrared night vision up to 30 meters, weatherproof and vandal-resistant housing (IP67, IK10), PoE support for simplified cabling, ONVIF compliance for compatibility, built-in motion detection, intelligent analytics features such as intrusion detection, line crossing, region entrance/exit, dual streaming capability for optimized bandwidth, operating temperature range of -30°C to 60°C, support for web and mobile-based viewing platforms.	236			
2	Dome IP Camera Outdoor : 4/5 MP resolution, minimum 2560x1440 pixel quality, H.265+/H.265/H.264+ video compression, 30 fps frame rate, high-speed PTZ with 360° endless pan and 90° tilt, 30x optical zoom or higher for long-range coverage, wide dynamic range (WDR) 120dB or higher, infrared night vision up to 150 meters, weatherproof housing (IP67) for outdoor use, IK10 vandal resistance, PoE+ or high-power PoE support, ONVIF compliance for integration, intelligent analytics such as auto-tracking, intrusion detection, and object classification, dual streaming for bandwidth optimization, compatibility with centralized video management systems, web and mobile app access for remote control and viewing.	5			
3	<p>NVR / VMS: The Network Video Recorder (NVR) must support up to 64 IP cameras with resolutions of 4/5 MP, ensuring compatibility with H.265+/H.265/H.264+ video compression standards for efficient storage and bandwidth usage. It should support at least 80 TB of scalable storage capacity with RAID (0, 1, 5, 6, 10) configurations for enhanced data redundancy and reliability. The NVR must feature at least 1 x 10 gigabit Ethernet port along with gigabit Ethernet ports for high-speed network connectivity, PoE/PoE+ capabilities for simplified camera integration, and dual HDMI and VGA outputs with support for (up to 4K optional) video output for live viewing. It should be ONVIF-compliant for seamless integration with third-party cameras and software. Essential functionalities such as intelligent motion detection, intrusion detection, smart search, and playback are required. The system should also support dual streaming for bandwidth optimization, centralized management through a web-based interface, and mobile app compatibility for remote access. The NVR must operate in a wide temperature range from -10°C to 55°C and include all necessary accessories for deployment. 3-year NBD OEM manufacturing warranty is mandatory to ensure system reliability and support.</p> <p><u>Alternatively</u>, a server-based video management system (VMS) with robust storage capabilities can be considered for monitoring 320 IP cameras (option to increase up to 1000+). This server setup should include high-performance processors, sufficient RAM and multiple gigabit network interfaces (At least 1 x 10G SFP+) (for redundancy). The storage solution should scale to meet the needs of 320 cameras, and ensure at least 320 TB of storage after RAID, depending on video retention requirements. The server should support RAID configurations (0, 1, 5, 6, 10) for redundancy and data protection. Additionally, the VMS software must be perpetual and able to add camera if needed later the basis of license. compatible with a variety of camera models, support ONVIF standards, and allow integration with advanced analytics tools for intelligent monitoring. Necessary to handle the bandwidth of 320 IP cameras effectively. A redundancy plan for failover and uptime is recommended to ensure reliability in mission-critical environments. 3-year NBD OEM manufacturing warranty is mandatory to ensure system reliability and support.</p>	5 NVR /1 (VMS)			

4	HDD for NVR 10TB (VMS Disk should be mentioned if quoted)	40			
5	Display 85" (Smart)	1			
6	Display 55" (Smart)	8			
7	Display for Server Room 55" (Smart)	3			
8	The vendor is responsible for the installation, configuration, and commissioning of the surveillance system, including IP cameras, Network Video Recorders (NVRs) / VMS, and display units as specified in this lot. This involves securely installing the cameras at designated locations, configuring the NVR / VMS for optimal performance, and ensuring the display units are properly connected and functional. All necessary accessories, such as cabling, ducting and mounting equipment etc, must be provided and installed by the vendor to ensure a seamless and fully operational system. Additionally, 3-year NBD OEM manufacturing warranty for all supplied equipment is mandatory and included as part of this job.				

LOT – 02

S.No	Details	Qty	Conformance	Additional details, if higher	Reference Page #
			Yes/No		(Attach Evidence)
1	Multimedia Projector for Classrooms & Labs: At least 1080p (Full HD) resolution, min 4000 lumens brightness, min 10,000 hours lamp life, 1.5x zoom ratio, HDMI, VGA and wireless connectivity (Wi-Fi), built-in 10-watt speaker system, energy-saving features (auto shutdown, eco-mode), keystone correction, and compatibility with standard projection screens.	35			
2	Multimedia projector with suitable Projection Screen for Auditorium & Seminar Hall : 4K resolution (3840 x 2160), brightness of 6000 to 7000 lumens, contrast ratio of 10000:1 or higher, lamp life of over 15,000 hours, multiple input options including HDMI, VGA, DisplayPort, USB, wireless streaming capabilities, 1.6x zoom ratio, lens shift for easy alignment, optional:3D projection, vertical and horizontal keystone correction, and advanced cooling technology for durability and performance. The projection screen should be motorized, 120 inches minimum, 16:9 aspect ratio, matte white finish, gain of 1.0 to 1.2, quiet and reliable motor, durable, resistant to curling or warping, and ideal for high-use environments.	2			
3	Projector Screen Price 8*6	8			
4	Projector Screen Price 6*6	29			
5	The vendor is responsible for the installation, configuration, and commissioning of the multimedia projectors and associated projection screens. This includes providing and securely installing ceiling hanging units for the projectors, ensuring proper alignment and stability. Additionally, the vendor must supply and install 15-meter HDMI cables and steel/iron cages for the projectors to ensure durability and security. All these services are integral to the job and must be executed with precision. 3-year NBD OEM manufacturer warranty covering the projectors is also mandatory and must be included in the scope of work.				

LOT – 03

S.No	Details	Job	Conformance	Additional details, if higher	Reference Page #
			Yes/No		(Attach Evidence)
1	A / V system: PTZ Camera: A full HD or higher PTZ camera with optical zoom (10x or more), wide field of view, autofocus, auto-tracking, USB and HDMI connectivity, and IP streaming support. Display Screens, Microphones: Ceiling-mounted or tabletop omnidirectional microphones, noise cancellation, expandable for larger rooms. Speakers: Wall-mounted or ceiling-mounted speakers, high-definition sound, suitable for up to 30 participants. Audio Processor: Digital signal processor (DSP) for echo cancellation, noise reduction, multiple input/output support. Control System: Centralized control panel, preset configurations, seamless management of audio, video, and screen sharing. Connectivity and Compatibility: Compatible with other OEM's and Zoom, Microsoft Teams, Google Meet etc wired and wireless. presentation support (HDMI, LAN, AirPlay, Miracast). Accessories and Installation: Cables (HDMI, RJ45, USB, C Type (Optional)), cable management system, mounting brackets, professional installation and setup. Warranty and Support: Minimum 3-year NBD OEM warranty, one year of complimentary maintenance support.	1			
2	Sound System for Mini Auditorium: Vendors are required to visit the site, assess the space, and propose a suitable solution with a minimum set of items to meet the specifications, ensuring a balanced and professional audio experience. Amplification must include power amplifiers with DSP for optimal speaker performance, along with a digital mixer with sufficient channels, EQ, and effects for precise audio control. The system should support wireless handheld and lavalier microphones, podium microphones, and backup wired microphones for versatile audio capture. High-quality cables, adapters, speaker, and microphone with accessories must be provided for seamless connectivity and functionality. Acoustic treatments, such as panels and diffusers, are required to minimize echo and enhance clarity.	1			
4	The vendor is responsible for the installation, configuration, and commissioning of the audio/video conference system as specified in this lot, which includes microphones, speakers, video cameras, displays, central control unit and any other required components for A/V system. This also extends to the conversion of existing podiums in classrooms and labs into smart podiums by integrating the required services and accessories. The vendor is required to modify the existing podiums to accommodate the necessary equipment, ensuring a seamless and professional finish. Additionally, the vendor must conduct a site survey to evaluate both the audio/video system and podiums for proper implementation. All necessary accessories, including cabling, mounting brackets, connectors, and any other required components, must be provided and installed by the vendor and are included in this job. 3-year NBD OEM manufacturing warranty for all supplied equipment is mandatory and included as part of this job.				

LOT – 04

Sr. No	Item Description	Quantity	Conformance	Additional details, if higher	Reference Page #
			Yes/No		(Attach Evidence)
1	Enterprise-grade, 2-socket, rack-mount server, dual Intel Xeon Gold processors with 24 cores and 48 threads. 768 GB of DDR4 RDIMM RAM and features 7 x 7.68 TB SSDs 2.5 Inch read intensive for fast primary storage, plus 2 x 240 GB OS Disk, 2 x dual 10GbE ports along with 4 x gigabit ports. PCIe expansion slots, redundant power supplies, and advanced thermal management. The proposed solution must include Hyper-Converged Infrastructure (HCI) software (virtualization management, compute virtualization, storage virtualization, Network virtualization and VM backup solution with perpetual licenses) for flexible scaling and must include pre-installed and post-installed hypervisor licenses for seamless virtualization. Quoted HCI software must support Oracle Rac. HCI software must be listed as the latest Gartner magic quadrant report with a 3-year NBD warranty support. The server should offer high performance, scalability, and reliability for enterprise environments. Additionally, the quote must include OEM installation and configuration.	4			
2	Backup Solution for DR 6 Socket only HCI software with CDP min 5 VM. The software must be listed latest Gartner magic quadrant report and compatible with existing servers. Also compatible with quoted PR HCI Solution.	1			
3	Fibre Switch, 24 Ports, compatible with the proposed system along with Rail kit	3			
4	FC Cables, SFP+ Modules, and Accessories	As required			
5	42-U 800x1000 Cabinet, 2Fix Tray, 4-Fan, 4-Wheel, Front Glass Door All Side Open with Power PDU (at least 12 Socket)	1			

PROVISION OF IT INFRASTRUCTURE FOR D- BLOCK FAST - NUCES H-11/4 ISLAMABAD
(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.

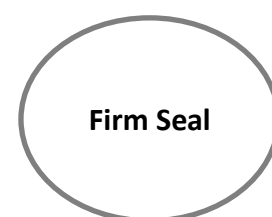
S/No.	Required Documents (ONE COPY ONLY)	Attached? ☐/☐	Placed At
1.	NTN certificate	<input type="checkbox"/>	
2.	Sales Tax certificate	<input type="checkbox"/>	
3.	GST Deposit record	<input type="checkbox"/>	
4.	No Blacklisting & No litigation Affidavit	<input type="checkbox"/>	
5.	OEM Authorization Certificate	<input type="checkbox"/>	
6.	Literature of each quoted equipment and highlighted required features with web link for online verification	<input type="checkbox"/>	
7.	Firm's Registration Certificates Since foundation till date	<input type="checkbox"/>	
8.	Document showing similar equipment/work supplied/completed in last 2 years (Only Last 3 works / POs)	<input type="checkbox"/>	
9.	Financial Position Record (Bank Statement) – Last 1 Year	<input type="checkbox"/>	
10.	Resume of technical manpower (on company's payroll), posted in Islamabad/Rawalpindi office: Relevant to the project only (One Page)	<input type="checkbox"/>	
11.	Bid is valid for at least 60 days	<input type="checkbox"/>	
12.	Each item is quoted separately	<input type="checkbox"/>	
13.	End-of-Life (EoL) and End-of-Sale (EoS) equipment NOT QUOTED	<input type="checkbox"/>	
14.	Prices is quoted in Pak Rupees PKR	<input type="checkbox"/>	
15.	Delivery Time as per bidding document	<input type="checkbox"/>	
16.	Equipment is quoted with at least 3-5 Year warranty.	<input type="checkbox"/>	
17.	Make, Origin and Manufacturer is as indicated in the quotation in Bid	<input type="checkbox"/>	
18.	Compliance Sheet Signed and Stamped by owner/representative.	<input type="checkbox"/>	
19.	Firm must possess a registered PTCL number under its name	<input type="checkbox"/>	
20.	For Lot 1-3-4, a comprehensive solution diagram with complete details must be submitted alongside the technical proposal, including all compatible items; failure to submit or provide incomplete documentation will result in disqualification.	<input type="checkbox"/>	
21.	For LOT 1-3-4 High-Level Design (HLD) and Low-Level Design (LLD) documents must be submitted for the proposed solution along with the technical proposal; failure to submit these or providing incomplete documentation will result in disqualification.	<input type="checkbox"/>	

Signature: _____

Name: _____

Designation: _____

Date: _____



Firm Seal

TECHNICAL / FINANCIAL EVALUATION CRITERIA For LOT – 1

S/No.	Evaluation Parameters	Marks	Remarks
1.	Confirmation to specs (Mandatory*)	20	
2.	Firm relationship with OEM	20	
3.	Relevant Past Experience of Govt / Private Educational Institutes	10	
4.	Financial Statement of last one year	10	
5.	OEM / Principal's grounds/ physical office/ presence in Pakistan (OEM Registration in Pakistan with Office=10, OEM presence without office= 05, Other=0)	10	
6.	Principal's Endorsement for correctness and performance of the solution and Bid Authorization letter required for Hardware from OEM.	10	
7.	The vendor must have local support portal available.	10	
8.	Large scale project experience (at least 100-200 IP Camera on a single PO or VMS)	10	
9.	Conformation of Delivery Time (Mandatory*)	Yes / NO	
	Total Marks	100	

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

TECHNICAL / FINANCIAL Evaluation Criteria Lot – 2 & 3

S/No.	Evaluation Parameters	Marks	Remarks
1.	Confirmation to specs (Mandatory*)	20	
2.	Firm relationship with OEM	20	
3.	Relevant Past Experience of Govt / Private Educational Institutes (PO attached)	10	
4.	Financial Statement of last 2 years	10	
5.	OEM / Principal's grounds/ physical office/ presence in Pakistan (OEM Registration in Pakistan with Office=10, OEM presence without office= 05, Other=0)	10	
6.	Principal's Endorsement for correctness and performance of the solution and Bid Authorization letter required for Hardware from OEM.	10	
7.	The Firm must have local support portal available.	10	
8.	The Firm have Certified Resources	10	
9.	Conformation of Delivery Time (Mandatory*)	Yes / NO	
	Total Marks	100	

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

TECHNICAL / FINANCIAL Evaluation Criteria Lot – 4

SNo.	Evaluation Parameters	Type	Marks	Details
1	OEM Presence in Pakistan	Marks Only	Yes (0~10)/ No	OEM presence in Pakistan min 5 years = 10, OEM presence in Pakistan min 3 years = 5, Others = 0
2	Bidder's Partnership Tier with OEM (Last 5 Years)	Mandatory*	Yes (0~10)/ No	Higher-tier partner status with OEM, relative marking based on ranking
3	Experience in Similar HCI Deployments in Pakistan (Govt./Private/Education Sector, Last 3 Years)	Mandatory*	Yes (0~10)/ No	2 Mark per valid PO for a project specific to the quoted solution
4	Latest Gartner Magic Quadrant Report later then 2020	Mandatory*	Yes (0~10)/ No =0	Report = 10
5	OEM Endorsement & Bid Authorization for Hardware / Software	Mandatory*	Yes (0~15)/ No	Certificate from OEM confirming correctness and performance of the solution
6	Local Support & Service Portal Availability	Marks Only	Yes (0~10)/ No	Vendor must have a dedicated local support portal for issue tracking and resolution
7	Certified Technical Resources of Bidder	Marks Only	Yes (0~5)/ No	Bidder must provide certifications of trained engineers for the proposed solution
8	OEM Reference of HCI software (Compute, storage & networks) is mandatory in min 30 organizations in Pakistan.	Mandatory*	Yes (0~10)/ No	Reference >=30 = 10, <30 5
9	Market Acceptability in Pakistan	Mandatory*	Yes (0~5)/ No	References, market recognition, and client feedback
10	Compliance with Technical Specifications	Mandatory*	0~15	Strict adherence to the required hardware & performance specifications
11	Commitment to Delivery Timeline	Mandatory*	Yes/No	Vendor must confirm delivery within the stipulated time
Total			100	

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

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