



Government of Pakistan
Ministry of Information Technology & Telecommunications
NATIONAL INFORMATION TECHNOLOGY BOARD (NITB)



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INVITATION FOR BIDS
for
PURCHASE OF IT EQUIPMENT AND SUPPORT RENEWAL

Tender No. NITB-PMO-4(15)/2022/02

January, 2023

www.nitb.gov.pk

Plot no 24-B, Street No 6, Sector H-9/1, Islamabad



EXECUTIVE SUMMARY

National Information Technology Board (NITB) is an attached department of Ministry of IT & Telecom and is mandated to undertake and coordinate e-government initiatives at federal ministries/divisions and departments, provide consulting and advisory services in acquiring and implementing IT solutions as well as IT capacity building of staff of these organizations.

General Terms & Conditions

1. Scope of Work, Timeframe

- 1.1 Supply and Installation of IT and other equipment to NITB, Islamabad
- 1.2 Detailed specifications are attached as Annexure-II.
- 1.3 NITB may increase or decrease quantities of one or more items or Lots

S.No.	SCHEDULE OF REQUIREMENTS		Warranty Period Required	TIMEFRAME / PERIOD OF SUPPLY/DELIVERY from the date of issuance of purchase order.	
	IT HARDWARE / SOFTWARE/ SERVICES ITEMS	Qty			
Lot #01	Dell Servers and SAN Support Renewal				
a.	Dell Servers and SAN Support Renewal	06	02	Six (06) to eight (08) Week	
b.	Server Hardware Upgrade: RAM – Dell 32GB Module	12	02	Six (06) to eight (08) Week	
Lot # 02	VmWare and VCenter Support Renewal		08	02	Six (06) to eight (08) Week
Lot # 03	Laptops		06	01	Six (06) to eight (08) Week
Lot # 04	Desktop Computers		09	01	Six (06) to eight (08) Week
Lot # 05	Printers (Black and White)		08	01	Six (06) to eight (08) Week
Lot # 06	Portable Printers Color		02	01	Six (06) to eight (08) Week
Lot # 07	Scanners ADF		06	01	Six (06) to eight (08) Week
Lot # 08	Video Conference Equipment		03	02	Six (06) to eight (08) Week
Lot # 09	Antivirus Renewal		250	03	Six (06) to eight (08) Week
Lot # 10	IBM Software SIEM Subscription and Support Renewal		1000 EPS	1 Year	Six (06) to eight (08) Week
Lot # 11	Firewall Next Generation		02	01	Six (06) to eight (08) Week
Lot # 12	Virtual SmartZone Ruckus Wireless Controller		01	01	Six (06) to eight (08) Week
Lot # 13	Microphone Conferencing System		1 Job	01	Six (06) to eight (08) Week
Lot # 14	Desktop for Animator		01	01	Six (06) to eight (08) Week

2. About responding organizations-ROs

- 2.1. The Responding Organization-RO must be registered with Sales Tax Registration Department, must be in possession of valid NTN number and must be on Active Tax Payer List. Copies of the certificates must be provided with the bid document.
- 2.2. The RO must provide on letter head, Name of organization, details of offices across Pakistan and location of Head office, size of company (number of employees), number of years of being



- incorporated (at least last **03 years in existence**). List of certified and dedicated service Engineers/technicians should be provided.
- 2.3. The RO to provide information as per template available at Annexure I, II and III.
 - 2.4. The RO may not propose any kind of refurbished, Used, End of Life, and Near End of Life equipment /components in their proposals.
 - 2.5. The RO shall be responsible for payment of any duties/taxes etc. that are imposed by the GOP during the currency of the project. The bided price MUST be inclusive of all taxes. The RO is hereby informed that the Government shall deduct tax at the rate prescribed under the tax laws of Pakistan, from all payments for services rendered by any responding organization who signs a contract with the Government.
 - 2.6. The RO shall be certified Direct Partner / Authorized Dealer of the Original Manufacturer for **past 03 years at least**
 - 2.7. Onsite installation & relevant services to be provided by the vendor.
 - 2.8. Financial capability and yearly growth rate (business revenue) in past 03 years.
 - 2.9. RO must provide value, size and nature of projects done in past three (03) years at least with respect to quoted products.
 - 2.10. RO must be in IT business for last three (03) years at least.
 - 2.11. RO should have successfully completed three (03) similar projects in size, nature & value of the quoting items.

Preparation of Bids

- 2.12. The Bid Bond to be enclosed in a separate envelope, labelled as “Bid Bond”, and which should be sealed. **It must be ensured that bid bond should not be in the same envelope as the financial proposal. In the technical bid, RO must confirm on company’s letter head that the Bid Bond is being submitted as required by NITB.**
 - 2.13. Envelope for financial proposals should clearly mark: “Financial Proposal”. Two hard copies of Technical Proposal and Financial proposal are required. **Soft copies of both Technical proposal and financial proposal must be provided along with bid envelopes in inerasable format.**
 - 2.14. Main Envelope for Technical proposal should clearly mark “Technical Proposal”. Main envelope for technical proposal should contain 02 hard copies and 02 soft copies of the technical proposal (each being physically separated, bound, sealed and labelled as “Technical Proposal”). Each envelope should contain similar supporting documents.
 - 2.15. **Detail of technical specifications is attached at Annex-II. Initial evaluation/screening will be done as per Annex I; whereas, technical evaluation as per Annex III. Responding Organizations should provide all details in required templates provided under:**
 - 2.15.1. **Annexure-I for Initial Screening**
 - 2.15.2. **Annex-III for technical evaluation (technical proposal envelope)**
 - 2.15.3. **Annex- IV for financial evaluation (in the financial proposal envelope).**
 - 2.16. Responding Organizations should duly fill in and submit the **Bid Forms** (01, 02, 03, 04, 05)
 - 2.17. Responding Organizations must submit **Price Reasonability Certificate (for Goods only)** to certify that the price quoted for the goods are not more than the price charged from any agency (Government or Private) in Pakistan. Certificate to be attached on Stamp paper.
 - 2.18. Responding Organizations must quote all items in **Lot (Turnkey)** or bid for all lots and items.
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- 2.19. A bid bond, in the shape of a Bank Draft/Pay Order in the name of **Deputy Director (Admin), National Information Technology Board**, equivalent to 2% (exact 2%) of the total cost of bid should be submitted along with the tender.
- 2.20. RO shall submit an affidavit that it is not blacklisted by any Federal, Provincial Public sector organization.
- 2.21. RO must provide at least three (03) successfully delivery from the previous customers.
- 2.22. All proposal and price shall remain valid for a period of **120 days** from the closing date of the submission of the proposal. However, the responding organization is encouraged to state a longer period of validity for the proposal.
- 2.23. All currency in the proposal shall be quoted in Pakistan Rupees (PKR).
- 2.24. The successful vendor shall be required to deposit in the form of a Bank Guarantee, a Performance Bond upon execution of the contract, a sum equivalent to **ten percent (10%)** of the contract value, this Bank Guarantee shall be issued by a scheduled bank operating in Pakistan and shall be kept valid from the date of issue, and should cover the warranty period after all contractual obligations have been fulfilled. Ten percent (10%) Performance Guarantee not applicable on software base product or licenses.
- 2.25. Hardware equipment should have three (**01**) years local warranty or as mentioned in technical specifications, including parts and Labour with onsite support.
- 2.26. The end user licenses, end user warranties and end user contracting support services will be in the name of Customer, for all the equipment and Software loaded on the equipment delivered during the course of the project.
- 2.27. All equipment should be supplied through verifiable distribution channels.
- 2.28. RO should clearly indicate the duration of delivery (MUST be in requested timeframe) of equipment after the award of contract.

Pre-Bid Meeting:

- 2.29. A Bidders' meeting will be held in the premises of National Information Technology Board, on below mentioned address on **Dated 6th February, 2023 at 11:00 AM**. All queries relating to RFQ should be faxed or e-mailed to shahid.jadoon@nitb.gov.pk at least 02 days before the bidders' conference. Answer to the submitted queries shall be given on priority basis in the conference.

Submission of Bids

- 2.30. Proposals shall be delivered by hand or courier so as to reach the address given below by the last date indicated for submission. PROPOSALS RECEIVED BY FAX OR EMAIL SHALL NOT BE ACCEPTED.
- 2.31. **Deputy Director (Admin)**, National Information Technology Board, Plot no 24-B, Street No 6, Sector H-9/1, Islamabad. Phone: 051- 9265063,051- 9204218, 051-9008267 Fax **051-9265376**
- 2.32. Bids may be submitted to Deputy Director (Admn), NITB in a SEALED CONFIDENTIAL COVER at the address given above latest by dated **14th February, 2023 at 1030hrs**. Technical bids will be opened on the same date and venue at **11:00hrs** in front of bidders.
- 2.33. Date and time for the opening of the Financial Bids, after thorough technical evaluation of the bids, shall be communicated to the technically qualified bidders only, whereas the Financial bids of technically disqualified bidders shall be returned un-opened. In this connection, see PPRA Rule: 36(b) in general and PPRA Rule: 36-b(viii) in particular.



3. Award of Contract

3.1. Acceptance of Bid and Award Criteria

The bidder after qualifying through given criteria in Annexure I will be called in for financial opening. In financial opening the lowest bidder will be selected as per PPRA rules, if not in conflict with any other law, rules, regulations or policy of the Government of Pakistan, shall be awarded the Contract, within the original or extended period of bid validity

3.2. Procuring Agency's Right over quantities at the time of Award

The Procuring Agency reserves the right at/after the time of award of Contract to increase or decrease, the quantity of goods up to 15% as originally specified in the Schedule of Requirements (Annexure-I) without any change in unit price or other terms and conditions. Payment will be made for the items actually delivered as per rate per unit provided by the bidder.

3.3. Notification of Award

3.3.1. Prior to the expiration of the period of bid validity, the Procuring Agency shall notify to the successful Bidder in writing that the bid has been accepted.

3.3.2. The notification of award shall constitute the formation of the Contract between the Procuring Agency and the successful Bidder.

3.3.3. The enforcement of the Contract shall be governed by Rule 44 of the PPRA-

3.4. Signing of Contract

3.4.1. After the notification of award, the Procuring Agency shall send the successful Bidder the Contract Form/Document/Purchase Order

3.4.2. The Contract shall become effective upon affixation of signature of the Procuring Agency and the selected Bidder on the Contract document

3.4.3. If the successful Bidder, after completion of all codal formalities shows an inability to sign the Contract then its Bid Security shall stand forfeited and the firm may be blacklisted and de- barred from future participation, whether temporarily or permanently. In such situation the Procuring Agency may award the contract to the next lowest evaluated Bidder or call for new bids.

4. Performance Guarantee

4.1. On the date of signing of Contract, the successful Bidder shall furnish a Performance Guarantee @ 10% of the total Contract Cost of Lot/Lots, on the Form and in the manner prescribed by the Procuring Agency. The performance Guarantee are not required for Lot # 2, 9,10 and 12 (which include software support renewal or provision of software or licenses).

4.2. The Bid Security submitted by the successful bidder at the time of submitting its bid shall be returned to the Bidder upon signing of contract, successful delivery of goods, furnishing of the performance/bank guarantee and confirmation of the performance/bank guarantee by the NITB with the Bank of the successful bidder.

4.3. Failure to provide a Performance Guarantee by the successful Bidder is a sufficient ground for annulment of the award and forfeiture of Bid Security. In such event the Procuring Agency may award the contract to the next lowest evaluated bidder or call for new bid



Implementation & Payment Schedule

S.No.	Lots Milestone	Qty	TIMEFRAME / PERIOD OF SUPPLY/DELIVERY from the date of issuance of purchase order.	Payment
Lot # 01(a)	Dell Servers and SAN Support Renewal Perform preventive maintenance activity 2 time in a year.	06	Six (06) to eight (08) Week	100%
b.	Server Hardware Upgrade: RAM – Dell 32GB Module Supply, Installation of RAMs	12	Six (06) to eight (08) Week	100%
Lot # 02	Supply of VmWare and VCenter Support Renewal	08	Six (06) to eight (08) Week	100%
Lot # 03	Supply of Laptops	06	Six (06) to eight (08) Week	100%
Lot # 04	Supply of Desktop Computers	09	Six (06) to eight (08) Week	100%
Lot # 05	Supply of Printers (Black and White)	08	Six (06) to eight (08) Week	100%
Lot # 06	Supply of Portable Printers Color	02	Six (06) to eight (08) Week	100%
Lot # 07	Supply of Scanners ADF	06	Six (06) to eight (08) Week	100%
Lot #08	Supply of Video Conference Equipment	03	Six (06) to eight (08) Week	100%
Lot # 09	Supply of Antivirus Renewal	250	Six (06) to eight (08) Week	100%
Lot # 10	Supply of IBM Software SIEM Subscription and Support Renewal	1000 EPS	Six (06) to eight (08) Week	100%
Lot # 11	Supply, Installation and configuration of Firewall Next Generation as per client policy and with HA	02	Six (06) to eight (08) Week	100%
Lot # 12	Supply, Installation and configuration of Virtual SmartZone Ruckus Wireless Controller.	01	Six (06) to eight (08) Week	100%
Lot # 13	Supply, installation and configuration of Microphone Conferencing System	1 Job	Six (06) to eight (08) Week	100%
Lot # 14	Provision of Desktop for Animator	01	Six (06) to eight (08) Week	100%



Annexure-I

Evaluation Criteria

Bids evaluation shall be subject to 100% compliance to the following criteria for Vendors qualification:

General terms and conditions compliance	Clause	Yes/No
1) The Responding Organization-RO must be registered with Sales Tax Registration Department, must be in possession of valid NTN number and must of Active Tax Payer List. Copies of the certificates must be provided with the bid document.	2.1	
2) The RO shall be certified direct partner of the Original Manufacturer for past 03 years at least. Manufacturer / Principal Authorization Letter Must be provided for this tender for Lot # 1-5,7-13.	2.6	
3) RO must be in IT business for at least last three (03)years.	2.10	
4) RO should have successfully completed three (03) similar projects in size, nature & value of the quoting items. Purchase order must be provided	2.11	
5) Responding Organizations must submit Price Reasonability Certificate	2.17	
6) A bid bond, in the shape of a Bank Draft/Pay Order in the name of Deputy Director (Admin), National Information Technology Board, equivalent to 2% (exact 2%) of the total cost of bid should be submitted along with the tender.	2.19	
7) RO shall submit and affidavit that it is not blacklisted by any Federal, Provincial or Public sector organization	2.20	
The product must be compliant to the technical specifications mentioned in Annexure-II		

Evaluation Committee will verify the compliance with specifications mentioned in Annexure-II



Annexure-II

Technical Specification

S.No.	IT HARDWARE / SOFTWARE/ SERVICES ITEMS	QUANTITY
Lot # 1.	Dell Servers and SAN Support Renewal	06
a.	PowerEdge R730 (Service Tag # 4VH92K2, 4RZ82K2, 4RY92K2, 4RZ62K2) & PowerEdge R720 (Service Tag # 2QVSD2S) DELL STORAGE SC2020 (Service Tag # 9G9B2K2)	
b.	Servers Hardware Upgrade: RAM – Dell 32GB Module	12
Lot # 2	VmWare and VCenter Support Renewal	
a.	VMware vSphere 7 Standard (08 x Sockets) VMware vCenter 7 Standard	1 Job
Lot # 3	Laptops	06
	<p>Type: Renowned Brand/Business Class CPU: 11th Generation Intel Core i7 (12 Core, 12M cache) or higher or equivalent Graphics: Intel integrated Graphics or equivalent Display: 14.0" FHD Anti-Glare Non-touch, Camera & Mic Memory: 8GB, 1x8GB, DDR4 Non-ECC Hard Disk: 256 GB Solid State Drive or higher with 1 TB 7200 RPM SATA HDD Network interface: Integrated 10/100/1000 Gigabit Ethernet LAN WLAN: : Intel Dual Band Wi-Fi 6 AX201 2x2 802.11ax 160MHz + Bluetooth 5.2 or equivalent or higher Pointing device: Dual Pointing Backlit US English Keyboard or equivalent Battery: battery timing 4 to 6 hours or equivalent or higher External I/O Ports: 1 USB Type C™ 3.1 Gen 2 / Thunderbolt with Power Delivery & DisplayPort or equivalent 1 HDMI 2.0 1 RJ-45 OS: Windows 11 Pro 64 OEM Carrying Case: OEM carrying bag with Shoulder Strap and Handle Warranty: 1 Year comprehensive local warranty</p>	
Lot # 4	Desktop Computers	09
	<p>Type: Renowned Brand Processor: 11th Generation Intel Core i7 (12 Core, 12M cache) or higher or equivalent Graphic: intel Graphic or higher/equivalent RAM: 8GB 1X8GB DDR4 2666MHz UDIMM Non-ECC or higher Chipset: Intel® compatible chipset or equivalent Hard Disk: 1TB 7200 RPM SATA Hard Disk Drive or higher Optical: 8x DVD+/-RW 9.5mm Optical Disk Drive or equivalent</p>	



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	<p>Network: LAN Integrated 10/100/1000M Gigabit Ethernet Controller or equivalent WLAN: Wi-Fi 6E (WiFi 802.11ax) PCI Card with external Antenna and Backward Compatibility or equivalent Other: Keyboard, Mouse and power cord. LED Monitor: 18.5 Inch Windows: Windows 11 Professional OEM Warranty: 1 Year comprehensive local warranty</p>	
Lot # 5	Printers (Black and White)	08
	<p>PRINT SPEED, BLACK (NORMAL): 30 ppm or higher RESOLUTION (BLACK): maximum 1200 x 1200 dpi or higher MONTHLY DUTY CYCLE: 30,000 pages or higher DISPLAY: LED Printing: Duplex PROCESSOR SPEED: 800 MHz or higher PAPER TRAYS, STANDARD: 1 Main tray and plus 10 sheet priority tray MOBILE PRINTING CAPABILITY: Wi-Fi Direct printing; AirPrint 1.5 with media presence sensor; Google Cloud Print™ 2.0; Smart App for Android and IOS. CONNECTIVITY, STANDARD: 1 Hi-Speed USB 2.0; 1 Ethernet 10/100 network; NETWORK READY: Standard (built-in Ethernet, Wi-Fi 802.11b/g/n) PORTS: 1 Hi-Speed USB 2.0; 1 Ethernet 10/100 network COMPATIBLE OPERATING SYSTEMS: Windows® 11, 10, 8.1, 8, 7: 32-bit or 64-bit and Apple® OS X Mavericks (v.10.9), OS X El Capitan (v10.11), OS X Yosemite (v10.10) MEMORY STANDARD: 256 MB or higher SUPPORTED NETWORK PROTOCOLS: TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS MEDIA SIZES SUPPORTED: A4; A5; B5 (JIS); A6 MEDIA SIZES, CUSTOM: 3 x 5 to 8.5 x 14 in MEDIA TYPES: Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, postcards Others: Supply of extra 01 Toner and Proof of easily availability of original tonner from Rawalpindi and Islamabad market at least three authorized dealers or suppliers reference with documents. Warranty: 1 Year warranty</p>	
Lot # 6	Portable Printers Colour	02
	<p>Functions: Print, copy, scan Print Speed-Black: On AC: up to 10 ppm; On Battery: up to 9 ppm or higher Print Speed-Colour: On AC: up to 7 ppm; On Battery: up to 6 ppm Resolution (black): Up to 1200 x 1200 Resolution (color): Up to 4800 x 1200 optimized dpi color Monthly duty cycle: Up to 500 pages Print Technology: Inkjet Display: 2.65" CGD DISPLAY, IR Touch Mobile Printing Capability: Chrome OS</p>	



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	Connectivity, standard: 1 USB 2.0 device; 1 USB 2.0 host; 1 wireless; 1 wifi direct; 1 BLE Scan file format: Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif) Other: with Battery		
Lot # 7	Scanners ADF		06
	Recommended Daily Volume Up to 3000 pages, Throughput Speeds 30 ppm to 35 ppm (real time), Long Document Mode: up to 2 meters (78.7 in.), Feeder Up to 70 sheets, paper; handles small documents such as ID cards, hard cards etc., Document Sensing Ultrasonic multi-feed detection, Connectivity USB 2.0 or 3.0 compatible, barcode reading facility. File Format Outputs Single and multi-page TIFF, JPEG, RTF, BMP, PDF, searchable PDF, Optical/Output Resolution 600 dpi, Image Sensor CIS Scanner, Enhanced Colour Adjustment; Content or File Size Based Blank Page Removal; Fixed Threshold; Operator Control Panel Colour, four-line graphical LCD display with four operator control buttons, Supported Operating Systems: WINDOWS 7/8/10/11 (32-bit and 64-bit) Windows Server 2008 64-bit and Server 2012 64-bit. Warranty: 1 Year comprehensive warranty		
Lot # 8	Video Conference Equipment		
1(a)	PTZ Camera:		02
	Resolution	Full HD 1080P 30fps	
	Motorized Pan Tilt	260° pan and 130° tilt	
	Zoom	10X	
	Field of View	90 Degree	
	Presets	5	
	Control	Remote Control	
1(b)	Microphone		02
	Technology	4 Omni-Directional in a single unit	
	Frequency	100Hz to 10kHz	
	Sensitivity	-28d +/-3dB	
	Expansion Mic	Must have option for extra Mic Connectivity of same brand	
	Extra Mic	Extra Mic for expansion	02 pair
	Speakers		02
	Frequency Response	4 Omni-Directional in a single unit	
	Sensitivity	100Hz to 10kHz	
	Max output	-28d +/-3dB	
1(c)	Hub		
	Central unit	Expansion Mic: Must have option	02



2 (a).	PTZ Camera:		01
	Resolution	Full HD 1080P 60fps	
	Motorized Pan Tilt	340° pan and 120° tilt	
	Optical Zoom	20X	
	Digital Zoom	16X	
	Horizontal Angle of View	60.7° – 3.36°	
	Vertical Angle of View	34.1° – 1.89°	
	Presets	9	
	Control	Remote Control	
	Backlight Compensation	Supported	
	Installation Mode	Stand Mount, Upside-Down	
	Interfaces	HDMI, USB3.0 and USB2.0	
	Mount	Wall Mount	
2 (b)	Speakerphones		
	Technology	Omni Directional	
	Frequency Bandwidth	100 Hz - 12 kHz	
	Controls	Volume Up, Volume Down and Microphone Mute	
	Expansion Mic	Same Mic	
	Noise Cancellation and Distributed Echo Cancellation	Supported	
	Speaker Bandwidth	190 Hz - 20 kHz	
	Max output	85 dB SPL @ 1 meter	
2 (c)	Hub		
	Central unit	For Connectivity for Mic, speaker, PTZ Camera, LED and PC	
	Display Interface	HDMI and DVI	
	USB Interface	USB 3.0 and 2.0	
	Audio Interface	HDMI, USB, Mic in/Line in and Line out	
Lot # 9	Antivirus Renewal		250
a.	License renewal along Annual Subscription & Support of Kaspersky Endpoint Security for Business ADVANCED. Support for 3 year		250
Lot # 10	IBM Software SIEM Subscription and Support Renewal		
a.	IBM QRadar Software Install SW Subscription & Support Renewal 12 Months		1
b.	IBM QRadar Event Capacity 1K Events Per Second SW Subscription & Support Renewal 12 Months		1000 EPS
c.	IBM QRadar Flows Capacity 25K Flows Per Minute SW Subscription & Support Renewal 12 Months		25K Flows



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d.	IBM QRadar High Availability Software Install SW Subscription & Support Renewal 12 Months	1
e.	IBM QRadar Software Node Install SW Subscription & Support Renewal 12 Months	1
f.	IBM Security QRadar Vulnerability Manager Add-On 60XX Install SW Subscription & Support Renewal 12 Month	1
g.	Warranties and Support: 1 year onsite local support (9 x 5) Others:	
Lot # 11	Firewall Next Generation	02
a.	Firewall Throughput: 2.8Gbps or higher	
b.	Threat Protection Throughput: 1.7Gbps or higher	
c.	Storage Capacity: 64GB SSD or higher	
d.	Ethernet Interfaces: 6 x 1G, 4 x 1G SFP Interfaces with Multimode Modules or higher	
e.	Security Licenses: Intrusion Prevention System (IPS), Anti-Virus & Anti-Malware, Email Security Protection, Cloud-Based Security Sandbox, Web Filtering, Application Control, Bandwidth Management	
f.	SSL VPN Session: 30 Concurrent Users or higher	
g.	Warranty & Support: 3 Years Complete Security Features License. 1 Years Hardware Warranty Service.	
h.	Others: Onsite Training & Product Certification For 2 Participants Warranty and Support: 1 x year	
Lot # 12	Virtual SmartZone Ruckus Wireless Controller	01
a.	Virtual SmartZone 3.0 or newer software virtual appliance. 81 APs licenses and support	
b.	Support: 1 x Year comprehensive support	
Lot # 13	Microphone Conferencing System	
a.	Central Control Unit	01
	Compact Digital Conference System plug and play functionality for quick and easy connection of discussion devices Web browser control for advance setting Microphone management Power switch with indicator Line in volume control button Master volume control button Earphone volume control button Audio in/out interfaces (Multiple) One balanced XLR-F-type connector for audio line in Two symmetrical RCA input interfaces for audio line in One balanced XLR-M-type connector for audio line out Two symmetrical RCA output interfaces for audio line out One USB interface for conference audio recording and playback. One USB_H interface for system upgrading Ethernet interface (RJ45)	



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	<p>Frequency response 30 Hz to 16 kHz SNR ≥90 dBA</p> <p>Note: Control Unit must have option to connect Video Conference equipment for audio input like Huawei Box 300, Polycom etc. The control unit also must be capable to connect Laptop audio for zoom meetings and provision of accessories for laptop and video conference equipment connectivity.</p>	
b.	<p>Chairman Unit</p> <p>Chairman Unit Stylish and ergonomic design Mini-microphone, with foam windshield Fully digital audio technology Hi-Fi loudspeaker Priority key and Next key Pluggable stem microphone Excellent immunity to RF interference from mobile phones Supporting “PnP” (plug and play) Gain of each microphone adjustable separately, fitting the individual orator’s voice to achieve perfect speech pickup any time Integrated high-pass filter (low-cut switch) to cut low frequency elements from the audio when needed Excellent immunity to RF interference from mobile phones and comparable devices Stem microphone can be unplugged during adjournment, easy to maintain Hi-Fi loudspeaker, minimal feedback, mutes automatically when microphone is active Microphone On/Off button System when operated in stand-alone mode can implement the following facilities: “ACTIVE MICS”, set the number of delegates permitted to speak at the same time “OPEN” mode, microphone key with request-to-speak registration (AUTO) “OVERRIDE” mode, microphone key control with override of the active microphones (FIFO) “VOICE” mode, microphone activation on speaking “APPLY” mode, delegate applies to speak by pressing apply key, delegate can speak only when operator or chairman approved his application Activation at any time (if the amount of active microphones in the system is less than 6, except “VOICE” mode) Priority key can switch off or mute the speaking units according to preset Headphone volume up and down Microphone On/Off button with indicator Priority key with indicator Next key with indicator</p>	01
c.	<p>Delegate Discussion Unit</p> <p>Discussion Unit System when operated in stand-alone mode should implement the following facilities: “ACTIVE MICS”, set the number of delegates permitted to speak at the same time “OPEN” mode, microphone key with request-to-speak</p>	24



	<p>registration (AUTO) “OVERRIDE” mode, microphone key control with override of the active microphones (FIFO) “VOICE” mode, microphone activation on speaking “APPLY” mode, delegate applies to speak by pressing apply key, delegate can speak only when operator or chairman approved his application “PTT” mode, press microphone On/Off button to talk Automatic video tracking, when cooperating with camera and video switcher unit Set any delegate unit to be VIP unit Up to 32 units can be set as VIP in one system via application software VIP unit can be activated as long as the total of active microphones is not beyond 6 (incl. chairman/delegate/VIP unit, except “VOICE” mode) Uni-directional electret condenser microphone with two-color illuminated ring Headphone volume up and down Microphone On/Off button with indicator Socket for pluggable stem microphone Ø 3.5 mm stereo headphone jack 1.5 m cable with 6P-DIN plug or as per requirement 0.6 m cable with 6P-DIN socket or as per requirement</p>	
d.	Extension Cable	Ap per drawing design
	Extension Cable (with a plug and a socket)	
e.	Mixer Amplifier	01
	<p>Mixer amplifier 100V/160W Speakers overload and short-circuit protection circuit Led start-up indicator Led level indicator Volume general control (Master) Separated Level Controls for 1?5 inputs Low and high tone adjustment Illuminated knobs 4 MIC / MIC Phantom 48V / LINE inputs balanced on Euroblock terminal 3 AUX switchable inputs from front selectors 1/4 Inputs with independent priority function (VOX / Contact) on other inputs selectable by dip-switch 1/4 Function MAIN - IN/OUT 3 outputs, one at constant impedance (4Ω) and two at constant voltage (70/100V) CHIME function independent for each input (routing) REC OUT output on RCA Line level output balanced on Euroblock terminal 230/117V~ 50/60Hz autoswitch power supply 1U 19" rack adapters</p>	
f.	2-Way Wall Mounted Speakers	04
	<p>6.5" 2-Way Wall-Mounted Speaker Type: 2-way Monitor Speaker/s: W: 6.5" T: 1" RMS power: 40/20/10/5/2W @ 100V Constant voltage binding: 100/70V Constant impedance binding: 8 ohm -60W</p>	



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	Frequency response: 70Hz -20KHz (-10dB) SPL (1W/m): 87 dB SPL MAX (Pmax @ 1m): 103 dB Coverage Angle 1KHz/4KHz (-6dB): 140° / 90° Controls: POWER LEVEL SWITCH With all cables and required accessories	
g.	Installation, Integration, Testing & Commissioning	01
	Installation, Integration, Testing & Commissioning Warranty and Support: 1 x years	
Lot # 14	Desktop for Animator	01
	Processor: Cor i-9 12900K or higher or equivalent Intel® Z690 GAMING Motherboard or higher GPU: Nvidia (8 GB), 256 bit or equivalent or higher RAM: 32 GB DDR4 or higher SSD: nvme m.2 (1TB) Display: 32.5 inch 4K Monitor Warranty and Support: 1 x years	



Annexure-III

Comparative Statement of Technical Specification of the Quoted Items

S#.	ITEMS SPECIFICATIONS	Bidder-1		Bidder-2....	
		Complied	Non-complied	Complied	Non-Complied
	As per Annexure-II				



Annexure IV

Format for Financial Proposal

Provision of Hardware and Licensed Software:

Lot #	Items	Quantity	Specification of the Quoted Items (To be filled by bidder)	Inclusive of all applicable taxes	
				Unit Price (PKR)	Total Price (PKR)
			Same as per Annexure-II		



BidRefNo. _____
Date of the Opening of Technical Bid

Letter of Intent

Name of the Tender :{ }

To: [Deputy Director (Admin), National Information Technology Board, Islamabad]

Dear Sir

Having examined the bidding documents, we offer to supply and deliver the Goods under the above-named Contract in full conformity with the said bidding documents and at the rates/unit prices described in the price schedule provided in Financial Bid or such other sums as may be determined in accordance with the terms and conditions of the Contract. The above amounts are in accordance with the Price Schedules attached herewith and are made part of this bid.

We undertake, if our Financial Bid is accepted, to deliver the Goods in accordance with the delivery schedule specified in the schedule of requirements.

If our Financial Bid is accepted, we undertake to provide a performance security/guarantee in the form, in the amounts, and within the times specified in the bidding documents.

We agree to abide by this bid, for the Bid Validity Period specified in the bidding documents and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

Until the formal final Contract is prepared and executed between us, this bid, together with your written acceptance of the bid and your notification of award, shall constitute a binding Contract between us.

We understand that you are not bound to accept the lowest or any Financial Bid you may receive. We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in Pakistan.

Dated this [insert:number] day of [insert: month],[insert:year].

Signed:

In the capacity of [insert: title or position]

Duly authorized to sign this bid for and on behalf of [insert: name of Bidder]



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BID FORM-02

Name of the Firm

Bid Reference No: _____

Date of opening of Bid.

Documentary Evidence for Determining Eligibility of the Bidders & Evaluation of bids. Bidders should only initial against those requirements that they are attaching with the form. Bidders are required to mention the exact page number of relevant document placed in the Bid. Bidders are advised to attach all Supporting documents with this form in the order of the requirement as mentioned in column-1.

Required Documentation	Signature of Bidder	Supporting Document's Name	Page Number in the Bid
NTN Certificate			
GST Certificate			
On Active Tax Payers List of FBR			
Registration/Incorporation/Business Certificate			
Complete Company profile			
Operational Office in Islamabad and Rawalpindi			
Evidence of Firm's Last 3-Years Performance (Projects of similar nature)			
Affidavit: bidder is not blacklisted by any Federal, Provincial Public sector organization.			
OEM's authorization letter.			
Bid Validity period of 120 days			
Compliance with schedule of requirements			
Submission of required amount of bid security with Financial Bid			
Compliance with Tech Specifications			
OEM warranty: 03-year & onsite support			
Technical brochures/data sheets			
Original Bidding Documents duly signed/stamped			



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BID FORM-03

MANUFACTURER'S AUTHORIZATION*

To: [Deputy Director (Admin), National Information Technology Board, Islamabad]

WHEREAS [name of the Manufacturer] who are established and reputable Manufacturers of [name and/or description of the goods] having factories at [address of factory] do hereby authorize [name and address of Supplier/Agent] to submit a bid, and subsequently sign the Contract with you against the Invitation for Bids (IFB) No. _____ for the goods manufactured by us.

We here by extend our full guarantee and warranty as demanded for the goods offered for supply by the above firm against this Invitation for Bids.

Signature: -----

Designation: -----

Official Stamp: -----

*This letter of authority should be on the letter head of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.



BID FORM-04

Firm's Past Performance.

Name of the Firm: _____

Bid Reference No: _____

Date of opening of Bid: _____

Name of the Client/Institution	Purchase Order No.	Description Of Order	Value of Order	Date of Completion	Work Completion Certificate by client

Bidders may use additional Sheets if required.
All certificates are to be attached with this form.



BID FORM-05

Performance Guarantee

To: [Deputy Director (Admin), National Information Technology Board, Islamabad]

Whereas [Name of Supplier] (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No.[number] dated [date] to supply [description of goods] (hereinafter called “the Contract”). And whereas it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a scheduled bank for the sum of 10% of the total Contract amount as a Security for compliance with the Supplier’s performance obligations in accordance with the Contract.

And whereas we have agreed to give the Supplier a Guarantee:

Therefore, we here by affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to a total of [Amount of the Guarantee in Words and Figures] and we undertake to pay you, upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limits of [Amount of Guarantee]as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the _____ day of_ _____, 2021/2022

Signature and Seal of the Guarantors/ Bank

Address:

Date: