



NATIONAL INFORMATION TECHNOLOGY BOARD

Request for Quotation (RFQ)

For

Supply of Hardware, Software, IT Equipment, Furniture, Establishment  
of LAN & Server Room Equipment with Deployment etc.

Government of Pakistan

Ministry of Information Technology & Telecommunications

NATIONAL INFORMATION TECHNOLOGY BOARD

[www.nitb.gov.pk](http://www.nitb.gov.pk)

November, 2021

## General Terms & Conditions

### 1. Scope of Work, Timeframe and penalties

1.1 Supply of Supply of Hardware, Software, IT Equipment, Establishment of LAN & Server Room Equipment with Deployment, Furniture etc. at Government Office in Federal territory through NITB, Islamabad.

Milestones			Time Period
<b>LOT 1: Supply of Hardware</b>			8 to 12-Weeks from the date of issuance of purchase order.
<b>SNo</b>	<b>Item Description</b>	<b>Qty</b>	
1	Servers	2	
2	1TB SAS 15k Hard Disks	10	
3	Video Conferencing Equipment	1	
4	Video Editor & Graphic Designer Desktop Machine with (2 each )21" LED	2	
5	Scanners	40	
6	Heavy duty Scanners	6	
7	Desktops PCs	30	
8	Laptops for IT Officers	5	
9	Black n White Laserjet Printers	15	
10	MFP Laserjet Printers	4	
11	Color Laserjet Printers	5	
12	1TB SSD Hard Disk for Laptops	51	
13	16GB RAM for Gen 8 HP Laptops	51	
14	USB Data backup drives 8TB	6	
15	USB Data backup drives 2TB	3	
16	USB Fax Modems	5	
17	External CD/DVD RW	2	
<b>LOT 2: Supply of Licensed Software's</b>			6 to 8-Weeks from the date of issuance of purchase order.
<b>S.No</b>	<b>Item Description</b>	<b>Qty</b>	
1	VSphere 7.0 Licenses	1	
2	Licenses of MS Office 2019 Standard	426	
3	MS Project 365 E3 (03 Year License)	03	
4	Kaspersky Antivirus (For 03 years)	500	

<b>LOT 3: IT Equipment/LAN deployment along with provision of Active/Passive Equipment</b>			8 to 12-Weeks from the date of issuance of purchase order.
<b>S.No.</b>	<b>Item Description</b>	<b>Quantity</b>	
1	Hardware Firewall	1	
2	20 TB SAN	1	
3	KVM Switch for Server Rack	1	
4	WiFi APs with Controller	Complete Solution	
5	Networking required at 7 <sup>th</sup> Floor	Complete Solution	
6	Network extension required for South Gate for R&I Sections of PS (Public & Personal)	Complete Solution	
<b>LOT 4: Furniture</b>			8 to 12-Weeks from the date of permission of work/Security clearance.
<b>S.No.</b>	<b>Item Description</b>	<b>Quantity</b>	
1	Glass Partitioning Work and Main Door for Server Room (Glass Partition work size 10x14 feet length and height is 7 feet with 2mm Aluminum, Main door size is 5x7 Feet, (Note:- use 12mm Glass tinted & paper with 2mm Aluminum will be used)	Complete Solution	
2	Wooden Cabinets (Branded/ latest wooden cabinets each cabinet should have 04 drawers)	6	
3	Round table small for Server Room	1	
4	Sofa's (02 Seater)	3	
5	Guest chairs (branded) for Server Room	10	
6	Office tables with revolving officers chairs (branded)	4	
			6 to 8-Weeks from the date of issuance of purchase order.

<b>LOT 5: Plant &amp; Machinery</b>			8 to 12-Weeks from the date of issuance of purchase order.
<b>S.No.</b>	<b>Item Description</b>	<b>Quantity</b>	
1	UPS 10 KVA	2	
2	2KVA UPSs for each 15U Cabinet	13	
3	46" Smart & 3D LED	1	
4	Standing ACs Inverter	2	
5	Temperature Meter	2	
6	55" Smart LED 4K	2	
7	Paper Shredder Medium	3	
8	Multimedia	1	
9	Security/ Entry Passes Machine	1	

## 2. About responding organizations-ROs

- 2.1. The Responding Organization-RO must be registered with Sales Tax Registration Department and should be in possession of valid NTN number. Copies of the certificates must be provided with the bid.
- 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 **02 years in existence**). List of certified and dedicated service Engineers/technicians should be provided in regards to quoted item.
- 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 bid 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 should be certified direct partner of the Original Manufacturer for **past 02 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 02 years.
- 2.9. RO must provide value, size and nature of projects done in past 02 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 (02) end to end Implementations of quoted solution. Project completion certificates should be provided.
- 2.12. Support centre/staff should be available locally in respect to quoted item in respect to Lot 1 & 3.

2.13. The furniture will be procured on proposed sample basis.

### Preparation of Bids

- 2.14. 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.**
- 2.15. 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.**
- 2.16. 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.
- 2.17. **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:**
- 2.17.1. **Annexure-I for Initial Screening**
- 2.17.2. **Annex-III for technical evaluation (technical proposal envelope)**
- 2.17.3. **Annex- IV for financial evaluation (in the financial proposal envelope).**
- 2.18. Responding Organizations should duly fill in and submit the **Bid Forms** (01, 02, 03, 04, 05)
- 2.19. Responding Organizations may quote for one Lot or bid for all lots.
- 2.20. A bid bond, in the shape of a Bank Draft/Pay Order in the name of Project Director, National Information Technology Board, equivalent to 2% of the total cost of bid should be submitted along with the tender.
- 2.21. RO shall submit and affidavit that it is not blacklisted by any Federal, Provincial Public sector organization.
- 2.22. RO must provide at least two (02) performance & backup support certificates from the previous customers in regards to quoted item.
- 2.23. All proposal and price shall remain valid for a period of **180 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.
- 2.24. All currency in the proposal shall be quoted in Pakistan Rupees (PKR).
- 2.25. 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.
- 2.26. Hardware equipment should have one (**01**) year local warranty, including parts and Labour with onsite support.
- 2.27. 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.
- 2.28. All equipment should be supplied through verifiable distribution channels.
- 2.29. RO should clearly indicate the duration of delivery (MUST be in requested timeframe) of equipment after the award of contract.
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### Pre-Bid Conference:

2.30. A Bidders' conference will be held in the premises of National Information Technology Board, on below mentioned address on 15<sup>th</sup> November **2021 at 11:00 AM**. All queries relating to RFQ should be e-mailed to [ejaz@nitb.gov.pk](mailto:ejaz@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

2.31. Proposals shall be delivered by hand or courier so as to reach the address given below by the last date indicated for submission i.e. 22nd November 2021 at **10:30 AM**. . PROPOSALS RECEIVED BY FAX OR EMAIL SHALL NOT BE ACCEPTED.

2.32. Project Manager President Secretariat Project Phase-II, NITB, Islamabad.

#### 2.33. Notification of Award

**2.33.1.** 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.

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

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

#### 2.34. Signing of Contract

**2.34.1.** After the notification of award, the Procuring Agency shall send the successful Bidder the Contract Form/Document

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

**2.34.3.** 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.

### 3. Performance Guarantee

3.1. On the date of signing of Contract, the successful Bidder shall furnish a Performance Guarantee @ 10% (if applicable) of the total Contract Cost of Lot/Lots, on the Form and in the manner prescribed by the Procuring Agency

3.2. 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.

3.3. 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.

### 4. Penalty Clause

4.1. Responding Organization is bound to make delivery of goods within stipulated delivery time line. In case of failure then procuring agency reserve right to charge late delivery charges @ one-tenth of one percent (0.01%) Per day of specific amount of product which will be extended upto total value of specific product.

4.2. Responding Organisation is bound to ensure to provide goods in line with technical specification mentioned in bidding documents while technical inspection will be carried by technical team of

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procuring agency in the premises of NITB. In case of failure the procuring agency reserve right to fireproof Performance security and the responding organisation is responsible to replace rejected item at his own cost without any delay.

## 5. Implementation & Payment Schedule

Sr.#	Milestone	Time Period	Payment
1.	Supply of Licensed Software	Six (06) to Eight (08) Weeks from the date of signing of contract / issuance of purchase order.	100%
2.	Supply of Hardware/IT Equipment/Machinery/Furniture (Installation, configuration and testing of Equipment)	Eight (08) to twelve (12) Weeks from the date of signing of contract / issuance of purchase order.	100%
3.	Establishment of LAN with active/passive equipment	12 to 16-Weeks from the date of permission of work/Security clearance.	100%
4.	End of performance Guarantee	10% Performance Guarantee will have to be provided to cover the warranty period of the Hardware/IT Equipment/Machinery/Furniture/LAN which will be one (01) year from the date of successful testing and acceptance.	Release of Performance Guarantee

**Evaluation Criteria**

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

<b>General terms and conditions compliance</b>	<b>Clause</b>	<b>Yes/ No</b>
1) The Responding Organization-RO must be registered with Sales Tax Registration Department and should be in possession of valid NTN number. Copies of the certificates must be provided with the bid.	2.1	
2) The RO should be certified direct partner of the Original Manufacturer for <b>past 02 years at least.</b>	2.6	
3) Financial capability and yearly growth rate (business revenue) in past 02 years.	2.8	
4) RO must be in IT business for at least last three (3) years.	2.10	
5) RO should have successfully completed (02) end to end Implementations of quoted solution. Project completion certificates regard to quote solution should be provided.	2.11	
6) A bid bond, in the shape of a Bank Draft/Pay Order in the name of Project Director, National Information Technology Board, equivalent to 2% of the total cost of bid should be submitted along with the tender.	2.20	
7) RO shall submit and affidavit that it is not blacklisted by any Federal, Provincial Public sector organization.	2.21	
8) RO must provide at least two (02) performance & backup support certificates from the previous customers in regards to quoted item.	2.22	
The product must be compliant to the technical specifications mentioned in Annexure-II		



**Technical Specification**

LOT #	Item	Description /Qty	Specifications
	Servers	2	<p>Motherboard</p> <p>Chassis with up to 16 x 2.5" SAS Hard Drives for 2CPU Configuration Intel® Xeon® Silver 4214R 2.4G, 12C/24T, 9.6GT/s, 16.5M Cache, Turbo, HT (100W) DDR4-2400 or higher</p> <p>2 Standard Heatsinks for 125W or less CPUs 3200MT/s RDIMMs, 128GB RDIMM, 3200MT/s,C7, Configured RAID for HDDs or SSDs (Mixed Drive Types Allowed) PERC H730P+ RAID Controller, 2GB NV Cache, Adapter, Low Profile 1.2TBx20 10K RPM SAS 12Gbps 512n 2.5in Hot-plug Hard Drive Broadcom 57416 Dual Port 10GbE BASE-T &amp; 5720 Dual Port 1GbE BASE-T, rNDC, Riser Config 2, 3 x8, 1 x16 slots Broadcom 5720 Dual Port 1GbE BASE-T Adapter, PCIe Full Height Dual, Hot-plug, Redundant Power Supply (1+1), 750W 02 Nos. Jumper Cord - C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ), PowerEdge 2U Standard Bezel UEFI BIOS Boot Mode with GPT Partition, 6 Standard Fans for R740/740XD, MS Windows 2019 Server Stand Operating System Onsite Service-ACDTS, 36 Month(s), ReadyRails™ Sliding Rails With Cable Management Arm ( or higher specification) 3 Years warranty</p>
1	1TB SAS 15k Hard Disks	10	900 GB x 10 Nos 15K SAS hard drives along with case for HP Proliant DL-380 Gen 9
	Video Conferencing Equipment	1	<p><b>Design features:</b></p> <ul style="list-style-type: none"> <li>● Standards-based and compatible with all major vendors’ endpoints</li> <li>● Software selectable between HD or SD video ports</li> <li>● Upgradable unit capacity using software port licenses</li> <li>● Ability to stack two units together for increased capacity</li> <li>● Easy-to-use, versatile management interface</li> <li>● Comprehensive wideband audio support</li> <li>● Support for both Session Initiation Protocol (SIP) and H.323 endpoints</li> <li>● Telepresence Packet Safe technology, which minimizes effects of network packet loss</li> <li>● Compact size: One rack unit (1RU) tall and 19-in. rack-mountable</li> </ul> <p><b>Application features:</b></p> <ul style="list-style-type: none"> <li>● Upscale SD resolution using Telepresence Clear Vision technology</li> <li>● Integrated with Telepresence Management Suite</li> <li>● Integrated with Unified Communications Manager (v8.6 or later) for ad- hoc conferencing</li> <li>● Integrated with Telepresence Conductor</li> <li>● Full interoperability with ISDN networks using standalone Telepresence ISDN</li> </ul>

gateways

- Support for Telepresence Multiday technology

Performance features:

- Continuous presence on every port
- TelePresence Universal Port technology, which helps ensure each participant receives the best possible experience
- Clear Path is supported, providing improved media resilience with lossy networks.
- Predictable port capacity
- Bandwidth per site up to 4 Mbps
- Video resolutions up to 1080p, 30 frames per second (fps)

MCU 5320 (with maximum numbers of port licenses);

Continuous Presence Video Participants (Symmetric):

20 x 720p30 HD ports, 10 x 1080p30 or 720p60 Full HD ports

40 x w448p30 SD ports, 48 x w360p30 nHD ports

Additional Voice Participants:

20

10

None

None

TelePresence MCU 5300 Video Firewall Option (VFO-5300):

Video firewall option, which enables second Ethernet connection to additional networks (for example, to a management network).

Product compatibility:

- The product is standards-based and compatible with all major vendors' endpoints.

Universal transcoding and translating:

- HD and SD can be combined within the same conference.
- All calls are automatically transcoded and translated for audio and video.
- Any bandwidth, any resolution, any video, or any audio codec can be used on any video call within the same conference.
- All participants have their own personal encodes.

Localization and customization:

- The MCU offers custom interactive voice response (IVR)/Auto-Attendant audio prompts and video titles.
- The MCU provides unicode conference and site names for on-screen display.
- The MCU provides custom web interface welcome messages.

Built-in web server:

- You can configure, control, and monitor the system and conferences.

MCU features:

- You can dial in or dial out through web server.
- You can use the MCU standalone or with an H.323 gatekeeper or SIP registrar or proxy.
- The MCU offers a configurable audio and video Auto-Attendant.
- Advanced continuous presence is standard on all ports.
- Selection of the best layout is automatic.

- You can select individual layouts using remote control or webpages.
- More than 50 custom layouts are available.
- You can select the active speaker using remote control or voice activation.
- You can make floor assignments through the webpage or management application.
- Far-end camera control tunneling is performed using remote control or the webpage.
- Sites are identified through text overlays.
- On-screen text messaging to individual or all sites is possible.
- Conference scheduling and reservation is built into the MCU application.
- You can have both on-demand and ad-hoc conferences.
- The MCU offers an automatic lecture mode.
- You can preview the conference and individual cameras on webpages.
- Connections to audio conferences can be automatic.
- Integration with Cisco Unified Communications Manager v8.6 or later ad-hoc conferencing features allows Cisco video IP phones to initiate impromptu multiparty calls with other Cisco TelePresence endpoints.

- Linked voice and video calls
- Automatic redialing

Content features:

- Dual video is available using H.239 or Binary Floor Control Protocol (BFCP).
- Content handover can be automatic or co-operative.
- Widescreen (16:9) is supported as well as 4:3 aspect ratio content.
- Options for content pass-through maximize capacity.
- Options for content transcoding maximize interoperability.
- Participants with no content support can receive transcoded content in the main video.
- The MCU offers H.239 and BFCP content sharing:
  - Up to 1080p in H.264
  - Up to 720p in H.263.

High-definition:

- Up to 1080p, 30 fps and 720p, 60 fps H.264 4-Mbps continuous presence.
- HD audio is comprehensive.

performance:

- Dual video H.239 up to 1080p.

Language:

- English is standard, with the option to load alternative language packs onto the system.

Bandwidth:

- Up to 4 Mbps with both H.263 and H.264 for each site in all conference modes, including advanced continuous presence

Video standards:

- H.261, H.263, H.263+, H.263++, and H.264

Video resolution:

- From QCIF up to 1080p (1920 x 1080)
- 4:3 and 16:9 aspect ratios

Frame rates:

- Up to 60 fps

Audio standards:

- G.711, G.722, G.722.1, G.728, G.729 Annex A/B, MPEG-4 AAC-LC, MPEG-4 AAC-LD, and Polycom Siren14/G.722.1 Annex C

Audio features:

- Wideband audio mixing
- Built-in and uploadable Auto-Attendant voice prompts
- Automatic gain control, adjustable gain, power indication, and individual audio mute using webpages

Protocols:

- H.323, SIP, H.235 (Advanced Encryption Standard [AES]), Secure Real-Time Transport Protocol (SRTP), Transport Layer Security (TLS), H.239 (dual video), BFCP, H.243 (chair control), Real-Time Transport Protocol (RTP), HTTP, Secure HTTP (HTTPS), Dynamic Host Configuration Protocol (DHCP), Simple Network Management Protocol (SNMP), Network Time Protocol (NTP), IPv4, and IPv6 Quality of service (QoS):

- Configurable differentiated services code point (DSCP) or type of service (ToS)/IP Precedence

Security features:

- Seven levels of access rights and privileges for users, ● Strong password policy
- Personal identification number (PIN)-protected conferences, ● Conference locking
- Secure non-PC hardware and operating system
- AES encryption, 128-bit key, and H.235, ● SIP encryption
- TLS certificate verification, ● Video firewall option - second Ethernet port
- Audit log, ● Static ARP, ● Certificate-based login with OCSP certificate checking

Interfaces:

- RJ-45 Ethernet, 10-/100-/1000- Mbps full and half duplex, manual or autosensing
- RJ-45 serial port, ● Status LCD

System management:

- XML management application programming interface (API)
- Management through embedded web server
- RS-232 for local control and diagnostics, ● Syslog for diagnostics
- Configurable event logs and full H.323 and SIP decoding
- Automatic diagnostic reporting, ● Configuration backup to network
- Secure upgrades through Ethernet or CompactFlash, ● Call detail records (CDRs)
- SNMP

Network resilience:

- Cisco TelePresence PacketSafe technology, which provides intelligent down-speeding, packet pacing, and packet-loss concealment to ensure optimum video and audio quality
- Dynamic jitter buffering, ● Alternate gatekeepers, ● DNS SRV failover for SIP

Power:

- 100-240 VAC, 50-60 Hz, ● 1177 BTU/h (345W) maximum heat dissipation

Approvals and compliance:

- European safety: EN 60950-1:2005, ● USA safety: UL 60950-1 Second edition
- Canada safety: CSA 60950-1-07, ● CB Scheme certificate, CE Marked
- EMC: EN55022 class A, EN61000-3-2, EN61000-3-3, EN55024, EN61000-4-2,-3,-4,-5,-6,-11, FCC Part 15 Class A, VCCI Class A, AS/NZS CISPR 22, CCC: GB4943, GB9254, YD/T993, ● RoHS compliant
- Regulatory Approval Certification completed under Compliance Model Number: AD1A

Point to Point VC Qty=01:

1.1280x720 resolution or Highier

a) With Progressive Scan @ 60 frames/sec

b) With Progressive Scan @ 30 frames/sec

2. Minimum resolution with a 16:9 aspect ratio and at 30 fps with the following connection rate:

- 432x240 pixels at 64 Kbps, 720x400 pixels at 128 Kbps
- 800x448 pixels at 256 Kbps, ● 1024x576 pixels at 512 Kbps
- 1280x720 pixels at 512 Kbps

3. Minimal consumption of bandwidth of 512 kbps when supporting 720p30.

4. Minimum of two external Full HD displays, 1280x720, for a crystal-clear picture and data-sharing.

5. Automatic noise reduction, automatic gain control and echo cancellation.

6. Support minimum of 90 camera presets.

7. Support Full HD PTZ 12x optical zoom camera.

8. Support both H.323 and SIP.

9. Must have high-definition audio 22 kHz.

10. Support NAT/firewall traversal (H.460/SIP).

11. Must have backup and restore functionality.

12. Support Built-in management tool for configuration, backup and restore.

13. Must have the ability to use ISDN.

14. Support low bandwidths down to a minimum of 64 kbps.

15. Support Microsoft OCS and Microsoft Lynch Server and built-in Microsoft OCS and Microsoft Lynch Client.

16. Must support easy, out-of-box setup via web interface.

17. Video codec should support the following audio and video standards: H.261, H.263, H.263++, H.264 HP, H.264+, H.261, G.711, G.722, G.722.1c, G.728, and G.729.

18. Video codec should support the High profile video standard for minimum utilization of bandwidth.

19. Video codec should support audio input via a standard RCA (L-R) audio jack.

20. Video codec should support a fast Ethernet interface.

21. Video codec should support secure calling using AEC, including strict compliance.

22. Video codec should ready both IPv4 and IPv6.

23. Video codec shall provide support for H.323 Annex Q for each participant in a

		<p>multipoint call.</p> <p>24. Video codec shall support for H.239 from any participant in a multi-way call.</p> <p>25. Video codec shall support internal MC</p>
Video Editor & Graphic Designer Desktop Machine with 21" LED	2	Desktop machine, 10th Generation or higher, Intel Corei7/AMD Ryzen 2700x, Gigabytes, B550 Motherboard, NVIDIA Geforce RTX 2060 uper or higher, 32GB Ram, 512GB SSD and 4TB SATA Hard Disks, MS Win 10 Pro, with 21" LED Display (2 each)
Scanners	40	<p>Scanner Type: Duplex Automatic Document Feeder</p> <p>Throughput Speeds= 35-40 ppm at 200 and 300 dpi in color, grayscale, black &amp;white or advanced/higher,</p> <p>Paper Thickness and Weight= Minimum 34 g/m2 for thin papers i.e. rice/ Butter paper– Maximum 400 g/m2 for thick papers i.e. Hard Card certificates like Educational certificates and degrees,</p> <p>Recommended daily volume= 3,000- 4000 pages/day,</p> <p>Document Feeding Capacity= 70 to 80 sheets of 80 gm,</p> <p>Connectivity= USB 3.0 compatible or faster,</p> <p>File Format Outputs= TIFF, JPEG, RTF,</p> <p>Warranty= 01 year,</p> <p>MAL Letter= MAL Letter is must for Scanners</p>
Heavy duty Scanners	6	<p>Scanner Type= Duplex Automatic Document Feeder,</p> <p>Throughput Speeds= 70 ppm at 300 dpi in color, grayscale, black &amp;white or advanced/higher,</p> <p>Paper Thickness and Weight= Minimum 28 g/m2 for thin papers i.e. rice/ Butter paper– Maximum 400 g/m2 for thick papers i.e. Hard Card certificates like Educational certificates and degrees,</p> <p>Recommended daily volume= 10,000 pages/day,</p> <p>Document Feeding Capacity=80 sheets of 80 gm,</p> <p>Connectivity= USB 3.0 compatible or faster,</p> <p>File Format Outputs= TIFF, JPEG, RTF,</p> <p>Warranty= 01 year,</p> <p>MAL Letter= MAL Letter is must for Scanners</p>
Desktops PCs	30	10th Generation, Intel Corei7 Processor & Intel Chipset Motherboard, 16GB Ram, 1TB Hard Disks, 18.5" inch LED display, MS Win 10 Pro or higher specification
Laptops	5	10th Generation, Intel Corei7 Processor & Intel Chipset Motherboard, 16GB Ram, 1TB + 256 SSD Hard Disks, 14" inch display, MS Win 10 Pro + Laptop bag or higher specification
Black n White Laserjet Printers	15	<p>404DN,</p> <p>Up to 38 ppm (default) ; Up to 40 ppm (HP High Speed),</p> <p>DUTY CYCLE (MONTHLY, A4)= Up to 80,000 pages,</p> <p>ProcessorSpeed=1200MHz,</p> <p>PRINTLANGUAGES=HP PCL 6, HP postscript level 3 emulation, PDF, URF, PWG</p> <p>Raster, MOBILE PRINTING CAPABILITY=</p> <p>HP Smart App; HP ePrint; Apple AirPrint™; Google Cloud Print™; Mobile Apps; or higher specification</p>

	MFP Laserjet Printers	4	Laser 135A MFP ADF HP, Memory 128 MB, Up to 1,200 x 1,200 dpi, or higher specification
	Color Laserjet Printers	5	Color LaserJet Pro M454dn - printer,Up to 27 ppm, Processor 1.2 GHZ, Ram 512 MB, or higher specification
	1TB SSD Hard Disk for Laptops	51	1TB SSD Hard Disk Samsung Pro-Series for Laptops
	16GB RAM for Gen 8 HP Laptops	51	16GB RAM (single module) for Gen 8 HP Laptops
	USB Data backup drives 8TB	6	Passport USB Data backup drives 8TB
	USB Data backup drives 2TB	3	Passport USB Data backup drives 2TB
	USB Fax Modems	5	USB Fax Modems
	External CD/DVD RW	2	External CD/DVD RW
<b>2</b>	VSphere 7.0 Licenses	1	VSphere 7.0 Licenses latest version
	Licenses of MS Office 2019 Standard	426	Licenses of MS Office 2019 Standard
	MS Project 365 E3 (03 Year License)	03	MS Project 365 E3 latest version
	Kaspersky Antivirus (For 03 years)	500	Kaspersky Antivirus latest version
<b>3</b>	Hardware Firewall	1	Next Generation Firewall Device (Renowned Brand): Type: Application Layer Firewall Application Layer Throughput: 1,000 Mbps or higher Threat Prevention Throughput: 700 to 1,000 Mbps or higher IPSec VPN Throughput: 400 Mbps or higher, I/O interfaces: 4 x 10/100/1000, 8 x Gigabit SFP, Storage capacity: 240GB SSD or higher IPSec VPN tunnels/ interfaces: 1,000 minimum, SSL VPN concurrent users: 1,000 minimum, New Sessions Per Second: 8,000 or higher Max Sessions: 120,000 or higher SSL Decryption, SSH Decryption, SSL Decryption Port mirroring

Subscriptions (8x5 Bundle)

\* Antivirus, \* IPS/IDS, \* URL Filtering, \* All other subscriptions as optional

Hardware Support:

3 Years with warranty and subscriptions

Services: Installation & configuration, Rack mount kit: Yes

- Proposed solution must Supports 200+ users and 50 Mbps internet bandwidth with 4 monitoring ports at least

- Proposed solution should be available as dedicated custom built hardware appliance

\* Platform should be optimized for layer 7 application level content processing

- Solution must be able to fail open in case of a hardware malfunction when deployed inline

- Platform should capture and store packet captures of traffic relevant to the analysis of detected threats include HTTP, FTP, IRC, TCP

- Solution should have its logs archived locally, and should be downloadable via GUI

- Solution should support both online and offline update of global malware intelligence via the GUI

- The solution should support reporting in HTML/Graphical/CSV/PDF Formats or more, Built-in Reporting for Applications, User activities, and Threats (IPS, AV, AntiSpyware) (no external reporting solution)

- Ability to fully forensically analyze identified malware and provide the following information to enterprise staff:

- Comprehensive Host Modification Report, • Copy of malware binary(s)

- PCAP of all Malware Communications to Malware Command & Control servers

- Full URL trails identifying all of the locations to which the malware attempts to communicate.

- Summary reports of enterprise malware events breaking down malware by type, host, and activity.

- Immediate analysis as to whether the malware maps to a previously KNOWN or UNKNOWN threat

\*5 minutes Automatic Signature generation after malware analysis and Custom application signatures. \* Ability to create custom user-defined signatures

\* Data filtering: Custom Data Patterns

- Severity information, illustrating how effective, other defenses would have worked against this threat.

The analysis must be performed runtime in order to detect all the malware actions, even the ones that fail in the virtual environment but might be successful on a client workstation. Before and after differential Comparison.

- The solution must be able to detect and report malware downloaded by users, or downloaded in the context of a web exploit by using multiple client operating systems with multiple service pack levels.

- Solution should perform dynamic real-time analysis of advanced malware on the appliance itself to confirm true zero-day and targeted attacks. No information should be send to third party systems or cloud infrastructure system for analysis and detection of Malware

- Solution should have the ability to stop data exfiltration from existing malware infected systems.



		<ul style="list-style-type: none"> <li>• Solution should support Local Virtual Machine</li> <li>• Solution should detect potential malicious network traffic,</li> <li>• Solution should identify the potentially compromised system</li> <li>• Solution should perform Dynamic Analysis on the System</li> <li>• Solution should provide an ability to locate the infected Malware sample</li> <li>• Solution should perform Static Analysis</li> </ul> <p>*Solution should be port agnostic for web attacks  *Generate Anti-Malware signatures  *Generate DNS (malware domain) signatures  *Built-in Firewall Portal for user authentication and identification  * Must have separate management (control) plane and data plane to avoid any disruption to traffic processing while managing the box or generating logs &amp;reports  *Equipment Should not be EOS/EOL for next 5 Year from Date of PO."</p>
20 TB SAN	1	<p>EMC ME4024 Storage Array  ME Series 2U Bezel  10Gb iSCSI BaseT 8 Port Dual Controller  Hard Drive Filler 2.5in, Single Blank (04 Nos), 1.2T x 20 HDD 10K SAS12 2.5  Rack Rails 2U, Power Supply, 580W, Redundant, Flex  Jumper Cord (02 Nos) - C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ)  3Years ProSupport:Next Business Day Onsite Service-ACDTS  Technical Support-ACDTS  For SADMG Countries only - Installation Service Required  Mod Specs Info (SADMG)  PowerVault-02 Freight Charges(DDD InPhBr)  Ship Mod for Dell EMC ME4024, APCC and TW</p>
KVM Switch for Server Rack	1	<p>KVM Switch to manage 06 Servers, Number of Ports: 8  1U 8 Port KVM Switch, Rack Units (Size U): 1,  LCD / KVM Type support for Dell/HP Servers</p>
WiFi APs with Controller	Complete Solution	<p><b>Wireless Controller (Qty 02):</b> Wireless Controller 4 x Ethernet Giga bit (10/100/1000) ports, supporting 1024 Access Points and manage up to 3000 Aps in cluster configuration. 10 Access Points License should be Included in the Base (5 builtin+5 extra), Controller should support up to 25,000 concurrent users session and 60,000 in Cluster configuration, Support 2000 WLAN SSID on Single Controller, customizable dashboard , automatic channel adjustment and select RF Channel with greater Throughput on the Basis of Channel Throughput , PoE/PoE+ Supportive , automatic transmits power adjustment on each AP to achieve optimal performance, Smart Mesh, HotSpot 2.0 services , detect the Rogue Access point and indicate malicious AP and Mac Spoofing, Compatible with Apple Devices/iOS, OS based policies for iOS, Android, windows and Linux, Controller have the ability to tunnel data from the access points to the controllers, integrated DHCP server, Band balancing, Band Steering, Air time fairness and WLAN time scheduling, Security Standard Support 802.1Q (VLAN) per SSID, WEP, WPA-TKIP, WPA2-AES, 802.11i Encryption: support SMTP outbound authentication and TLS encryption, Authentication: LDAP, Active Directory and RADIUS sever IEEE 802.1X, RADIUS Server Authentication, EAP-TLS, with multiple SSL devices authentication. Guest network and policies ACL (Access list) layer 2, layer 3 and layer 4, Management: SNMP v2, v3, telnet, HTTP, Device must be Wi-Fi Alliance Certified.</p>

		<p>Mounting Bracket and other Accessories, 1 Year Comprehensive Warranty (Installation, Configuration &amp; Commissioning)</p> <p><b>Wireless Access Points (Qty 26):</b> Access Point support 802.11 ac wave II standards, work on 2.4 GHz and 5 GHz band simultaneously, Throughput: 450 Mbps (2.4 GHz) and 1.3 Mbps (5 GHz), Support 256 QAM on 2.4 GHz and 5 GHz bands, Channelization of 20 MHz, 40 MHz and 80 MHz, 3 x 3 MIMO with 3 Spatial Streams , Dual Polarized Integrated smart Directional antenna array, adaptive Polarization Diversity- MRC (PD-MRC), Integrated Antenna elements support 1000+ unique antenna pattern, Beamflex and Beamflex+ Technology, 3 dBi physical antenna gain 3-5dB (TX/RX) Beamflex gain, 802.3af POE standards, 2 x Gigabit port.(1 of them must be Power over Ethernet 802.3 af), Wireless Security : WEP, WPA-PSK, WPA-TKIP, WPA2 AES, 802.11i, AP should Authentication : RADIUS, AD and LDAP, integrated NAT and DHCP as Standalone Access Point, 802.1q VLAN tagging, multiple SSID per band, Implement Wi-Fi alliance standards WMM, WMM-PS, 802.11d, 802.11h and 802.11e , 500 Concurrent clients support, IP multicast video streaming, Device must support IPv4, IPv6 and Dual Stack, Mounting Bracket: Mounts to hard wall/ceiling, outlet box, pole, truss. Includes Security screw etc 1 Year Comprehensive Warranty (Installation, Configuration &amp; Commissioning)</p> <p><b>PoE Switch (POE+) (Qty 10):</b> 16 ports POE Switch Power over Ethernet (PoE+) 16 x 10/100Mbps RJ-45 ports, 2 RJ-45 Gigabit Ethernet Uplink Ports 2 SFP Gigabit Ethernet Fiber Optical Uplink Ports, Powers up to 16 POE POE output of 250 watts (15.6 watts per port), 7.2Gbps Switching Capacity Advanced switching (Layer 3) support, IEEE 802.3AF / AT Compliant + UL Listed CSMA/CD Compliant, Full Duplex operation at 1000Mbps Supports CAT-5/5e/6 up to 100 meters / 300 Feet Rack-Mount compatible with standard racks, Access Control List (ACL) support port mirroring, Multiple Spanning Tree Protocol (MSTP) QoS, STP support, VLAN support, auto-sensing per device, auto-uplink (auto MDI/MDI-X), flow control 01 Years with parts and labour and (Installation, Configuration &amp; Commissioning)</p>
Networking (40 Nodes)	Complete Solution	<p><b>Active Equipment: Layer 2 Switches Manageable (Renowned Brand):</b> Quantity = 03 Nos Hardware Specifications : - 24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T) 04 Combo Gigabit Ports with 2 x GBIC. Single Mode 1310nm should be included with each switch. One fixed power-supply 80G, with stacking port trunking Units Per Physical Stack 1.0GHz, 1GB MB flash, 1GB DRAM or higher, Packet Buffer Size 1.5MB,Jumbo frame 9216 Byte or higher Forwarding : 90 Mbps or equal or higher Forwarding Bandwidth: 128 GB or equal or higher Switching capacity: 128 Gbps or higher</p>

MAC Address 16K or equal or higher  
 Management features: fully command-line interface/GUI

**L2 switching :**

- \* supports IEEE 802.1Q (4,094 VLAN IDs) and 256 VLANs simultaneously or higher
- \* Support voice and data VLAN Simultaneously
- \* Link aggregation
- \* BPDU tunneling
- \* IEEE 802.1w Rapid Convergence Spanning Tree Protocol
- \* IEEE 802.1D Spanning Tree Protocol (STP) and RSTP
- \* IEEE 802.1s Multiple Spanning Tree
- \* Port mirroring
- \* SNMPv1, v2c, and v3

ACLPort base ACL, Interface ACL, VLAN ACL  
 Network Management Interface 10/100 Mbps Ethernet  
 The switch must be equipped with SFP ports, not less than 4 and 2x SFP+ ports  
 The switch should work using a modular operating system with the ability to restart an individual process without a full reset switch  
 The failure of any switch in the stack should not cause stack outage more than 50ms.  
 Accessories :Power Cables, Rack mounting accessories and CDs

**Passive Nodes Equipment**  
 Quantity = 40 Nos.

- 1 Renowned/Recognized brands:-
- 2 CAT-VI 23 AWG Gigabit fluke tested original copper cable. Cable should support 10G speed upto 40 meter
- 3 Non Shuttered Pre loaded CAT6 Patch Panels for switch/data cabinets with Rear Cable Manager.
- 4 Shuttered Faceplate single & double I/O and Mount Box
- 5 Patch Cord: CAT-VI Gigabit Machine punched branded cable from faceplate to PC in all Network nodes
- 6 Switch Cabinets with PDU for Patch Panels and Active Equipment etc to be installed where needed.
- 7 20 years performance warranty from Manufacturer
- 8 Installation should be done by Manufacturer Trained installers as per ANSI/BICSI standards.
- 9 Fluke Test Reports with Minimum DTX-1800 should also be submitted.
- 10 Hands On Training of relevant for IT Staff regarding Structured Cabling practices
- 11 Connectivity between switches with Fiber Optic Cable (same brand as copper )
- 12 Cat-VI (Cat-6) cable routed with adamjee ducting and flexible PVC pipe, Clips, fiber termination unit/ODF (same brand as fiber) where needed
- 13 **"Note:-Bidder/ROs will submit price per Network Node for passive equipment ONLY (Inclusive of all above work)**

Networking (12 Nodes)	Complete Solution	Active Equipment: Layer 2 Switches Manageable (Renowned Brand): Quantity = 02 Nos Hardware Specifications : - 24 RJ-45 autosensing 10/100/1000 ports (IEEE 802.3 Type 10BASE-T, IEEE 802.3u
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Type 100BASE-TX, IEEE 802.3ab Type 1000BASE-T)  
04 Combo Gigabit Ports with 2 x GBIC. Single Mode 1310nm should be included with each switch. One fixed power-supply 80G, with stacking port trunking Units Per Physical Stack ,1.0GHz, 1GB MB flash, 1GB DRAM or higher, Packet Buffer Size 1.5MB, Jumbo frame 9216 Byte or higher, Forwarding : 90 Mbps or equal or higher, Forwarding Bandwidth: 128 GB or equal or higher  
Switching capacity: 128 Gbps or higher, MAC Address 16K or equal or higher  
Management features: fully command-line interface/GUI

**L2 switching :**

- \* supports IEEE 802.1Q (4,094 VLAN IDs) and 256 VLANs simultaneously or higher
- \* Support voice and data VLAN Simultaneously
- \* Link aggregation
- \* BPDU tunneling
- \* IEEE 802.1w Rapid Convergence Spanning Tree Protocol
- \* IEEE 802.1D Spanning Tree Protocol (STP) and RSTP
- \* IEEE 802.1s Multiple Spanning Tree
- \* Port mirroring
- \* SNMPv1, v2c, and v3

ACLPort base ACL, Interface ACL, VLAN ACL

Network Management Interface 10/100 Mbps Ethernet

The switch must be equipped with SFP ports, not less than 4 and 2x SFP+ ports  
The switch should work using a modular operating system with the ability to restart an individual process without a full reset switch. The failure of any switch in the stack should not cause stack outage more than 50ms.

Accessories :Power Cables, Rack mounting accessories and CDs

**Passive Nodes Equipment**

Quantity = 12 Nos.

- 1 Renowned/Recognized brands:-
- 2 CAT-VI 23 AWG Gigabit fluke tested original copper cable. Cable should support 10G speed upto 40 meter
- 3 Non Shuttered Pre loaded CAT6 Patch Panels for switch/data cabinets with Rear Cable Manager.
- 4 Shuttered Faceplate single & double I/O and Mount Box
- 5 Patch Cord: CAT-VI Gigabit Machine punched branded cable from faceplate to PC in all Network nodes
- 6 Switch Cabinets with PDU for Patch Panels and Active Equipment etc to be installed where needed.
- 7 20 years performance warranty from Manufacturer
- 8 Installation should be done by Manufacturer Trained installers as per ANSI/BICSI standards.
- 9 Fluke Test Reports with Minimum DTX-1800 should also be submitted.
- 10 Hands On Training of relevant for IT Staff regarding Structured Cabling practices
- 11 Connectivity between switches with Fiber Optic Cable (same brand as copper )
- 12 Cat-VI (Cat-6) cable routed with adamjee ducting and flexible PVC pipe, Clips, fiber termination unit/ODF (same brand as fiber) where needed

			<b>13 Note:-Bidder/ROs will submit price per Network Node for passive equipment ONLY (Inclusive of all above work)</b>
4	Glass Partitioning Work and Main Door for Server Room	Complete Solution	Glass Partitioning Work and Main Door for Server Room (Glass Partition work size 10x14 feet length and height is 7 feet with 2mm Aluminum, Main door size is 5x7 Feet, (Note:- use 12mm Glass tinted & paper with 2mm Aluminum will be used)
	Wooden Cabinets (Branded/ latest)	6	Wooden Cabinets (Branded/ latest wooden cabinets each cabinet should have 04 drawers)
	Round table small	1	Round table small
	Sofa's (02 Seater)	3	Sofa's (02 Seater)
	Guest chairs (branded)	10	Guest chairs (branded)
	Office tables with revolving officers chairs (branded)	4	Office tables with revolving officers chairs (branded)
	UPS 10 KVA	2	Smart-UPS RT 10000VA 230V Max Configurable Power (Watts)=8.0kWatts / 10.0kVA, Output Voltage Distortion= Less than 3 %, Output Frequency=50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz, Load Crest Factor= 3 : 1,Double conversion online, Sine wave, Input frequency = 50/60 Hz +/- 5 Hz Auto-sensing, Input Total Harmonic Distortion= Less than 7 % for full load, Battery Charge Power (Watts) = 955 Watts, DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot, Surge energy rating = 1265Joules along with rail kit for rack mount (or higher specification) 3 years warranty
2KVA UPSs for each 15U Cabinet	13	SURT2000XLI; Smart-UPS along with Rail kit for Rack Mount and wall hanging steel box	
46" Smart & 3D LED	1	46" Smart & 3D LED with latest features or higher	
Standing ACs Inverter	2	Standing ACs Inverter 02 Tons with latest features	
Temperature Meter	2	Temperature Meter with standard features	
55" Smart LED 4K	2	55" Smart LED 4K with latest features or higher	
Paper Shredder Medium	3	Paper Shredder Medium (standard features)	
Multimedia	1	Specifications "Native Resolution: 800x600 or higher DC type: DC3 Brightness: 3800 ANSI lumens, Contrast Ratio with SuperEco mode:	
5			

			<p>30,000:1, Display Color: 1.07 Billion Colors, Light Source: Lamp, Light source life (Nor/SuperEco): 5000/15000, Lamp Watt: 190W, Lens: F=2.56-2.68, f=22-24.1 mm, Projection Offset: 120%+/-5%, Throw Ratio: 1.96~2.15 Image size: 30''' - 300''' , Throw Distance: 1.19m-13.11m(100''' @3.98m) Keystone: ±40° (Vertical) Optical Zoom: 1.1x , Audible Noise (Eco): 27dB, Resolution Support: VGA(640 x 480) to FullHD(1920 x 1080),</p> <p>HDTV Compatibility: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p Video Compatibility: NTSC, PAL, SECAM, Horizontal Frequency: 15K~102KHz Vertical Scan Rate: 23~120Hz", Input "Computer in (share with component): 2 Composite: 1 Audio-in (3.5mm): 1 HDMI: 1 (Back)" Output "Monitor out: 1 HDMI/VGA Supportive, Audio out (3.5mm): 1 Speaker: 2W", Support Via WiFi connectivity supported</p>
	Security/ Entry Passes Machine	1	Security/ Entry Passes Machine (with standard features with 500 RFID cards)

### Annexure-III

#### Comparative Statement of Technical Specification of the Quoted Items (format)

LOT #	Item	Description/Qty	Specifications	Specification of the Quoted Item (Filled by Bidder)
1	Sample item	2	Sample Specification	Quoted item specification

### Annexure IV

#### Format for Financial Proposal

##### Provision of Hardware and Licensed Software:

LOT #	Item	Description/Qty	Specifications	Unit Price (Inclusive of all applicable taxes)	Total Cost (Inclusive of all applicable taxes)
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1	Sample item	2	Sample Specification	10	20
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**BID FORM-01**

BidRefNo. \_\_\_\_\_

Date of the Opening of Technical Bid

Letter of Intent

Name of the Tender: { }

To: [The Project Manager, 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].
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Signed:

In the capacity of [insert: title or position]

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

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.

<b>Required Documentation</b>	<b>Signature of Bidder</b>	<b>Supporting Document's Name</b>	<b>Page Number in the Bid</b>
NTN Certificate			
GST Certificate			
On Active Tax Payers List of FBR			
Growth Rate of Past 02 years			
Registration/Incorporation/Business Certificate			
Complete Company profile			
Operational Office in Islamabad			
Evidence of Firm's Last 2-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 180 days			
Compliance with schedule of requirements			
Submission of required amount of bid security with Financial Bid			
Compliance with Tech Specifications			
OEM warranty: 01-year & onsite support			
Technical brochures/data sheets			
Original Bidding Documents duly signed/stamped			



MANUFACTURER’S AUTHORIZATION\*

To: [Project Manager, President Secretariat Project Phase-II, 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.

**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.

**Performance Guarantee**

To: [Project Manager, President Secretariat Project Phase-II, 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:

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