F.No.4-29/2023-GA
Government of Pakistan
Ministry of Information Technology & Telecommunication

Digital Nation Pakistan

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TENDER NOTICE FOR PROCUREMENT OF ICT EQUIPMENT

Sealed bids are invited from reputed firms/companies for supply of Hardware and Licensed Software for up-gradation of Server Room and IT Infrastructure of Ministry of IT and Telecom. Terms & Conditions are listed below for guidance of prospective bidders:

2.   Single Stage – Two Envelope Procedure will be adopted for the tender process.

3.   The tender documents can be downloaded from the website of PPRA www.ppra.org.pk (EPADS) and Ministry of Information Technology and Telecommunication's website www.moitt.gov.pk and the same can also be obtained from the General Section of this Ministry from **03-04-2025** during normal working hours.

4.   Sealed tenders with 5% earnest money in favour of DDO to be delivered upto **21-04-2025 at 11:00 AM.** The tenders will be opened at **11:30 AM** on the same date in the presence of bidders or their representatives.

5.   No tender documents shall be issued on the date of opening.

6.   MoITT reserves the right to increase / decrease quantity of items according requirements and as per approval of the Austerity Committee of the Finance Division and availability of funds. The Ministry can also accept or reject any / all tenders or annul the tender process by assigning the reason(s), thereof as per PPRA Rules.

7.   The tenders shall only be received through the EPADS and manual bids shall not be entertained as per Procurement Regulation vide SRO 296(I)/2023 dated 27.02.2023.

(Muhammad Rafiq)
Deputy Secretary (Admin)
M/o IT & Telecommunication
7th Floor, New Secretariat (Kohsar Block),
Constitution Avenue, Islamabad
Ph: 9206422

Tender No. 4-29/2023-GA
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TERMS AND CONDITIONS

1. The tender shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the "Technical Proposal" and the "Financial Proposal".

2. The participating contractor / firms must provide proof of registration with Sales Tax Department and quote their NTN/General Sales Tax Numbers duly issued by the Income Tax/Sales Tax Departments and must be on the Active Taxpayers List of the Federal Board of Revenue.

3. Tenders should accompany an Earnest Money (refundable) @ 5% of total amount of tender in shape of Bank Draft/Pay Order in favour of DDO, Ministry of Information Technology and Telecommunication, Islamabad **(Cheque will not be accepted).**

4. Financial bids of the technically qualified firms will be opened only before the representatives who wish to attend the tender opening at a given date, time and place. Financial bids of unqualified firms / technically rejected firms will be returned to them unopened.

5. Earnest Money of unsuccessful bidders will be returned/refunded after finalizing the award of tender to successful bidders. However, Earnest money of successful contractors / firm(s) will be converted into "Security Deposit" which will be returned after the supply of items and successful completion of Operational Acceptance Test (OAT).

6. Bids are required to be submitted in Pak Rupees inclusive of all applicable taxes.

7. Submission of false Statement/Documents as well as concealing of any information is liable to disqualify the respective contractor / firm(s).

8. An affidavit that the contractor / firm has not been blacklisted by any Ministry / Division/ Department / Organization of the Government is mandatory.

9. Overwriting / use of fluid / strikethrough text in the offered prices shall not be accepted.

10. The bidder must clearly mention correspondence address of his office along with phone / email contact.

11. The proposals shall be received through the EPADS and manual bids shall not be accepted as per Procurement Regulation vide SRO 296(I)/2023 dated 27.02.2023.

(Muhammad Rafiq)
Deputy Secretary (Admin)

MINISTRY OF IT & TELECOMMUNICATION

Request for Bids (RFQ)

For

Supply of Hardware, Licensed Software and IT Equipments

Government of Pakistan

Ministry of Information Technology and

Telecommunication

www.moitt.gov.pk

March, 2025

1. Scope of Work

i. Provision, installation, configuration and successful testing of IT Hardware, Software and IT Equipment. Detailed information is placed at **Annexure-I**.

ii. All the equipment, including parts and labour, should be delivered with standard warranty period as per policy of the manufacturing firms.

iii. Responding Organization / Bidder is encouraged to propose any other item required to make the equipment operational mentioned at **Annexure-I**.

iv. Provision of local onsite training of the provided equipment and its professional level certifications.

v. Responding Organization / Bidder is recommended to conduct the survey to determine installation, measurement, cabling etc for bidding purpose at proposed location(s). There will be no cost liability on the Ministry for surveying.

2. Validity of Proposals

All proposals and prices shall remain valid for a period of 120 days from the closing date of the submission of the proposals. However, the Responding Organization / Bidder is encouraged to state a longer period of validity of the tender.

3 Currency

All prices in the proposal shall be quoted in Pakistani Rupees (PKR).

4 Withholding Tax, Sales Tax and Other Taxes

i. The Responding Organization / Bidder must be registered with the Sales Tax Registration Department and should be in possession of valid National Tax Number (NTN). Copies of the certificates must be provided with the bid.

ii. The Responding Organization / Bidder shall be responsible for payment of any kind of duties/taxes etc. that are imposed by the Government of Pakistan or would be imposed in future.

iii. The Responding Organization / Bidder is hereby informed that the Government shall deduct tax at the rate prescribed under the tax laws of Pakistan, from all payments for products supplied and services rendered by any Responding Organization / Bidder who signs a contract with the Government.

5 General Terms & Conditions

i. 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) for three (3) years after all contractual obligations have been fulfilled.

ii.   The Responding Organization / Bidder should be authorized Partner/ Reseller/Manufacturer, of THE ORIGINAL EQUIPMENT MANUFACTURER, in Pakistan or through its authorized distributor in Pakistan. Proof in the form of certificates or letter should be provided.

iii.   All equipment should be supplied through verifiable distribution channels. The provided equipments should not be End of Sales/End of Service for minimum five years.

iv.   Responding Organization / Bidder should not be a blacklisted firm by any public sector organization and should not have any unsatisfied public sector customer. As a proof, Responding Organization / Bidder should submit an affidavit in this regard on a stamp paper.

v.   The Responding Organization / Bidder should provide information as per **Annexure-II**. Responding Organization / Bidder may not propose any kind of refurbished/Used/End of Life Hardware equipment's/components in their technical proposals.

vi.   Responding Organization / Bidder should clearly indicate the time duration of delivery of equipment after the award of contract.

vii.   Title of End User licenses, End User warranties and any contract(s) for support services will be with the Ministry, for all the equipment delivered during the course of the project.

viii.   Responding Organization / Bidder should attach Income Tax Registration/ Sales Tax Registration or Company Registration Certificate (i.e SECP) to prove that they have been in IT Business.

ix.   Bidder has to provide complete items for each category / lot of hardware and software as given in **Annexure-II**, otherwise, the bid would not be considered and rejected during evaluation.

x.   Responding Organization / Bidders, if found in corrupt and fraudulent practices would be dealt accordingly including blacklisting and debarment of bidders as per PPRA Rules.

xi.   Responding Organization / Bidder with experience of three or more years in the relevant field would be preferred.

xii.   Responding Organization / Bidder or partners should be a Company / firm having operational office at Islamabad / Rawalpindi.

6   Implementation & Payment Schedule

S/N	MILESTONES	TIME PERIOD
01	Supply of equipment, Installation and Configuration of Hardware	Supply of Equipment alongwith installation and configuration within one week.
02	Successful testing and Acceptance	Two weeks from installation and configuration of Hardware
03	End of performance Guarantee	Performance Guarantee will have to be provided to cover the warranty period of the hardware which will be three years from the date of successful testing and acceptance.

Technical Eligibility Criteria

1. Hardware Technical Specifications for Server Room, MoITT

S. No.	Description	Unit	Qty
Active Equipment			
1.	**Core Switch: (Layer 3 Switch)** • Minimum 24 x 1/10 GE SFP+ ports • Minimum Out-of- band 10/1000 BaseT Ethernet port for management • Redundant power supplies (optional) • Ensure interoperability between network protocols on the switches should be a single version of the operating system. • Forwarding performance must be not less than 450 Mpps • Switching capacity must be not less than 600 Gbps • Non-blocking architecture. All ports must operate on highest possible speed simultaneously • The maximum number of stored MAC addresses in the switching table the switch shall be not less than 30K • The routing table of the switch must store up to 8K of IPv4 routes • Stacking with other same families switches of same manufacturer • Stacking support for up to 4 devices • Traffic monitoring • Link Aggregation Group (LAG) • VLAN, VxLAN • Port Security Features • The switch must support traffic balancing mechanism • Must support IPv4/IPv6 routing protocols: Static routes, RIP v1/2, OSPF, OSPFv3, IS-IS, VRRP, BGP, ECMP, MPLS • support Policy-based Routing • User authorization • Each interface for connecting user devices must support Hardware queues. • Capable of QoS features of traffic classification, traffic behavior, traffic shaping, congestion avoidance & congestion Management • Capable of packet filtering at Layer 2 to Layer 4 • Minimum 03 warranty along with support & Services	No	1

S. No.	Description	Unit	Qty
Active Equipment			
2.	**Access Switch (24 port):** • Minimum 24 x 10/100/1000Base-T ports • Minimum 4 x 10G SFP+ ports uplinks ports • Out-of- band 10/100 BaseT Ethernet port for management, Serial Port • Forwarding performance must be not less than 90 Mpps • Switching capacity must be not less than 120 Gbps. • VLAN, MAC Security • Port Security Features • DHCP Features • Port Mirroring, Traffic Monitoring • Management: Telnet, SSH, SNMP, Web Management HTTP/HTTPS • Stacking with other same families of switches of same manufacturer • Link Aggregation Group (LAG) • STP, RSTP, MSTP all features. • Must support routing Ipv4/v6 protocols: OSPF,RIP v1/v2, • Minimum 03 warranty along with support & Services	No	2

S. No.	Description	Unit	Qty
Active Equipment			
3.	**Access Switch (48 port):** • Minimum 48 x 10/100/1000Base-T ports • Minimum 4 x 10G SFP+ ports uplinks ports • Out-of- band 10/100BaseT Ethernet port for management, Serial Port • Forwarding performance must be not less than 120 Mpps • Switching capacity must be not less than 160 Gbps. • VLAN, MAC Security • Port Security Features • DHCP Features • STP, RSTP, MSTP all features. • Port Mirroring, Traffic Monitoring • Management: Telnet, SSH, SNMP, Web Management HTTP/HTTPS • Stacking with other same families of switches of same manufacturer • Link Aggregation Group (LAG) • Must support routing Ipv4/v6 protocols: OSPF,RIP v1/v2, • Minimum 03 warranty along with support & Services	No	3

S. No	Description	Unite	Qty

4.	**Firewall :**
	 • Firewall Performance:
	     • 8x GE RJ45 Ports or more
	     • 4x 10 GE/SFP/ SFP+ ports or more
	     • 4x GE SFP Slots or more
	     • 2x GE RJ45 HA / MGMT Ports or more
	     • Firewall Throughput 20 Gbps or higher
	     • Concurrent sessions 5 Million or higher
	     • NGFW throughput 8 Gbps or higher
	     • Threat prevention throughput 5 Gbps or higher
	     • Rack mount
	 • Bandwidth management, Traffic control, User Behavior, Audit and Reporting.
	 • User Authentication- internal database and AD integration.
	 • Virtual Private Network- IPSec, SSL, L2TP, PPTP.
	 • SSL VPN for minimum 50 users.
	 • NGFW-Advance threat intelligence & mitigation, Web filtering, content filtering, application filtering, Anti-virus, Anti-Spam and IPS/IDS performance with high throughput and low latency.
	 • Granular policy enforcement and deep inspection of inside and outside network traffic.
	 • Protects against cyber threats, zero-days attacks, advance persistent threats, malware, exploits and malicious websites in both encrypted and non-encrypted traffic.
	 • Prevent and detect against known and unknown attacks
	 • Solution should be able to monitor network traffic, URL logs, Threat logs, app logs etc. with respect to user or apps. Logs storage for minimum 15 days.
	 • Security policies - IPS, Web Filtering, Application Filtering, content filtering, Anti-virus, Anti-spam and QoS
	 • DoS and DDoS attack prevention - MAC and IP-MAC filtering - Spoof Prevention
	 • Bandwidth Management- Application, Web Category and Identity based with respect to user and group.
	 • Proactively block newly discovered sophisticated attacks in real-time with advanced threat protection.
	 • Minimum 03 warranty including NGFW licenses along with support & services.
		No	1

S. No.	Description	Unit	Qty
Active Equipment			

5.	**Access Switch PoE**
	     • Minimum 16 x 10/100/1000Base-T PoE+ ports or more
	     • Minimum 2 x 10G SFP+ ports uplinks ports or more
	     • Out-of- band 10/100 BaseT Ethernet port for management, Serial Port
	     • Forwarding performance must be not less than 90 Mpps
	     • Switching capacity must be not less than 120 Gbps.
		No	1

	• VLAN, MAC Security • Port Security Features • DHCP Features • Port Mirroring, Traffic Monitoring • Management: Telnet, SSH, SNMP, Web Management HTTP/HTTPS • Stacking with other same families of switches of same manufacturer • Link Aggregation Group (LAG) • STP, RSTP, MSTP all features. • Must support routing Ipv4/v6 protocols: OSPF,RIP v1/v2, • Minimum 03 warranty along with support & Services		

Sr. No	Accessories	Quantity
1	600GB SAS (6G DP 15K) HDD for HP 2000 SAN	02
2	32 GB RAM and 01 TB SSD for HP DL 160 Server	02 each
3	10 GE SFP+ for uplink connectivity between Switches (optical). Should be same brand of quoted switches	15
4	fiber patch cords uplink connectivity 10 meter	10
5	Ethernet patch cords uplink connectivity 10 meter	12
6	fiber patch cords uplink connectivity 01 & 03 meter	10
7	1 GE SFP for uplink connectivity between Switches (optical). Should be same brand of quoted switches	05
8	40-inch smart LED Screen including LAN , wifi , USB wired or wireless keyboard and mouse connectivity,	01
9	Fiber Connectivity between Switching and Server Room, including ducting and all installation.	01
10	Security Access System for Server Room: (Glass Door Lock) having digital lock, figure and face detection.	01

2. Software Technical Specifications

Sr. No	Details	Quantity
1	Microsoft Windows 10 Professional or latest	100
2	Microsoft office Professional latest version	100

Laptops:

Specifications		Quantity
Processor	Intel core i7, 13th Gen or Higher	20
Ram	16 GB ddr4 3200-SDRAM or Higher	
Hard disk	512 SSD M2 or Higher	
Screen	14"	
Operating System (OS)	Licensed 64-bit Windows 11 Pro (latest Service pack). The OS specified must be made available with media	
Ports & Accessories	HDMI 2.0, Camera with privacy shutter, Ethernet Port, RJ-45, WIFI ax, Integrated: Intel UHD Graphics and Laptop Bag. Keyboard backlight, Thunderbolt with power and display port (USB Type-C), USB 3.2 Gen 1 or higher	
Power	AC power adapter 45W or higher, battery: Long-life 3 cell, International brand Product,	
Warranty	1 year standard warranty	
Laptop Bag	Imported Quality Bag	

Desktops:

Specifications		Quantity
Processor	Intel Core i7 Processor with 13th Gen or higher	46
RAM	16 GB DDR4 or higher.	
Hard disk	512 SSD M2 or Higher	
Screen	21" or higher Widescreen Flat panel display	
Operating System (OS)	Licensed 64-bit Windows 11 Pro (latest Service pack). The OS specified must be made available with media	
Ports & Accessories	Network: RJ 45 & WIFI ax, Wireless Keyboard & Mouse, USB: USB 3.2 Gen 1 or higher. HDMI,	
Power	Power Supply, Green Certifications, Display port, International brand Product,	
Warranty	1 year standard warranty	
Type:	Desktop Tower	

LaserJet Printer:

Specifications	Colored Printer	Quantity
Printer	HP LaserJet or equivalent	02
Print Technology:	Laser	
Print Speed:	60 ppm or higher	
Duplex Printing:	Auto duplex printing	
Print Resolution:	Fine Lines (1200 x 1200 dpi) Media Size Supported: Letter, Letter Rotate, Legal, Executive, Tray 1, Tray 2: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); postcards (JIS single, JIS double); envelopes (DL, C5, B5); Optional Tray 3: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); postcards (JIS single, JIS double); Automatic duplexer: A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Oficio (216 x 340 mm)	
Connectivity:	Wireless, Ethernet, USB, mobile printing capability	
Compatible Operating Systems:	Windows 11; Windows 10; Windows 7; macOS	
Printer Body Color:	White or Black	
Warranty	1 year standard warranty	

Specifications	Black & White Printer	Quantity
Printer	HP LaserJet or equivalent	8
Print Technology:	Laser	
Print Speed:	60 ppm or higher	
Duplex Printing:	Auto duplex printing	
Print Resolution:	Fine Lines (1200 x 1200 dpi) Media Size Supported: Letter, Letter Rotate, Legal, Executive, Tray 1, Tray 2: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); postcards (JIS single, JIS double); envelopes (DL, C5, B5); Optional Tray 3: A4; A5; A6; B5 (JIS); B6 (JIS); 16K	

	(195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); postcards (JIS single, JIS double); Automatic duplexer: A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Oficio (216 x 340 mm)
Connectivity:	Wireless, Ethernet, USB, mobile printing capability
Compatible Operating Systems:	Windows 11; Windows 10; Windows 7; macOS
Printer Body Color:	White or Black
Warranty	1 year standard warranty

6. Scanner Specification

Sr.No.	Details			Quantity
1	Document Feeding	:	ADF and Flatbed	32
	Scanning Resolution	:	Optical 1200 dpi	
	Scan Speed	:	a) Simplex: 50 ppm or higher	
		:	b) Duplex: 100 ppm or higher	
	Scanning Element	:	CIS	
	Document Size	:	Letter, Legal, A4	
	Scan Type	:	Simplex & Duplex	
	Scan Mode	:	B/W and Colour Diffusion, Advanced Text Enhancement	
	Interface	:	USB 3.2 or higher	
	Daily Scan	:	6000 pages or higher	

7. LED 42" Specification

Sr.No.	Details			Quantity
1	Size	:	42"	12
	Ram / Rom	:	1.5 GB DDR3; 2133 | Memory 16 GB	
	OS	:	Android R	
	UI Style	:	Google Android TV UI	
	Display Type	:	DLED	
	Display Resolution	:	1920 x 1080	
	Internet Link	:	Wi-Fi & Ethernet Network	
	HDMI	:	02	
	Caple Port	:	Yes	
	HDMI Support	:	Yes	
	USB	:	Yes	
	Warranty	:	2 Years	

Photocopier Machine Specification

Sr.No.	Details	Quantity
1	Copy speed 45 CPM Black & White USB Printing Image Server Memory 2 GB Copy Size A5 to A3 Zoom Range 25% - 400% Three way paper supply Continuous copying 1- 9999 Electronic Sorting Built in Resolution 1200 x 1200 dpi (Print) 600 x 600 dpi (Copy) 600 x 600 dpi (Scan) Paper Capacity 1150 sheets (Standard) Two page separation for books Departmental IDs 200 Users Built-in Duplex for two sided copies Dual Side Document Feeder (DSDF) (Built-in) Network Printer/Color Scanner (A3 Size)	05

During technical evaluation, the Committee will verify the fully compliance of technical specifications mentioned at **Annexure-I** (Compliance sheet should be provided by Responding Organization / Bidder). Only fully complied Responding Organization(s) / Bidder(s) would be qualified during technical evaluation while the non-complied bidders / organizations would be disqualified. The Government's Evaluation & Award Committee on the parameters given in the technical proposal will make the technical evaluation.

Note: Financial bids of the technically qualified firms will be opened only before the representatives who wish to attend the tender opening at a given date, time and place. Financial bids of unqualified firms / technically rejected firms will be returned unopened to them.

Proposed Demand of Hardware, Licensed Software and IT Equipments in MoIT&T

Lot / Category – I

S/N	Item	Qty	Unit Cost (Rs)	Total Cost (Rs.)
01	Core Switches	01		
02	Access Switches	06		
03	Firewall	01		
04	SFP'S along with patch Cords	20		
	Total			

Lot / Category – II

S/N	Item	Qty	Unit Cost (Rs)	Total Cost (Rs.)
01	Licensed Microsoft Windows 10 Professional or latest for 100 Users	01		
02	Licensed Microsoft Office Professional latest version for 100 Users	01		
	Total			

Lot / Category – III

S/N	Item	Qty	Unit Cost (Rs)	Total Cost (Rs.)
1	32 GB RAM for DL 160 Server	02		
2	01 TB SSD for DL 160 Server	02		
3	600GB SAS HDD for HP 2000 SAN	02		
4	Security Access Control For Server Room (with installation)	01		
5	40 inch Smart LED Screen	01		
6	Fiber Connectivity and installation	01		
	Total			

Lot / Category – IV

S/N	Item	Qty	Unit Cost (Rs)	Total Cost (Rs.)
1	Laptop Latest Model (i7 13 Generation)	20		
2	Desktop Computer Latest Model (i7 13 Generation)	46		
3	Printer Latest Model	10		
4	Scanner Latest Model	32		
5	LED 42"	12		
6	Photocopier Machine	05		
	Total			