EMERGING
PAKISTAN

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REVISED TENDER NOTICE

Ministry of Commerce invites sealed bids from well reputed, authorized dealers/representatives/agents having properly established offices in Islamabad for supply, installation and licensing of following IT related machinery & equipments for financial year 2019-20. The details are as under:-

1) An enterprise level firewall for protection of Ministry's IT infrastructure at A- Block building, Pak Secretariat, Islamabad including three years licensing, installation operation & maintenance. The firm must be **gold or silver partner of Principle**
2) A branded laser Printer black & white for printing of A3 size paper.
3) Branded laser printers automatic duplex black & white printing (Quantity 5-10).
4) Branded desktop computer systems 9th generation (Quantity 5-10).
5) Branded laptops 9th generation (Quantity 3-5).

2.   Detailed terms & conditions, bidding instructions and specifications, may be obtained from Section Officer (GA), Ministry of Commerce Room No. 427 Block "A", Pak Secretariat, Islamabad free of cost. The bids are required to be submitted within 15 days of publication of this advertisement by 11.30 am and will be opened at 12.00 noon same day. In case the 15th day fall on official/weekly holiday the next working day and time will accordingly be considered as submission of bids and opening day. The tender notice is also available at Public Procurement Regulatory Authority & Ministry of Commerce websites i.e. www.ppra.org.pk and www.commerce.gov.pk

3.   As per PPRA rule 33 the Ministry of Commerce reserve right to reject any or all bids without assigning any reason thereof.

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Government of Pakistan
Commerce Division
(Computer Section)
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Subject: **TECHNICAL SPECIFICATIONS REGARDING ENTERPRISE FIREWALL / LAPTOPS / DESKTOP COMPUTERS / PRINTERS**

Reference General Section letter no. 1(20) /2020 Admn-IV/GA, requested for technical specifications regarding subject cited above.

2.   As required, following are the technical details

i.   **Branded Desktop Computer Systems:**

	Features	Specifications
Branded Desktop Computer Systems	Processor	Intel Core i7, Up to 4.7 GHz, 9th Generation
	Memory	8 GB DDR4 or higher
	Internal HDDs	1 TB SATA Hard Drive or equivalent
	Graphic	Built-in Intel HD Graphics 630 or better
	DVD DRIVE	DVDRW Super Multi Dual Layer or equivalent
	NIC	• Integrated Gigabit 100/1000 LAN Card • Built in Wifi Card
	Display	19" widescreen
	Keyboard	Standard
	Mouse	Optical 3D Scroll button with Mouse pad

ii.   **Branded Laptops:**

	Features	Specifications
Branded Laptops	Processor	Intel Core i7, up to 4.7 GHz, 9th Generation
	Memory	8 GB DDR4 or higher 2 x DIMM slots
	Internal HDDs	256 GB SSD + 1 TB SATA Hard Drive
	Graphic Card	3 GB or more GDDR5 type
	NIC	• Integrated Gigabit 100/1000 LAN Card • Built in Wifi Card
	Display	15.6" FHD

iii.   **Branded Printers:**

Specifications	
	Specifications
Branded Laser Printers (Black&White)	Printspeed, Up to 40ppm
	Processor speed Min 1200 MHz
	Printquality,blackUpto 4800x 600 dpi minimum
	Inputcapacity,std.Upto 350sheets
	Outputcapacity,std.Upto150sheets
	Memory 256MB DRAM;256MB Flash
	Automatic Duplex Printing
	Gigabit Ethernet, Wifi-Network, Lan Connectivity, USB
	One(01) Toner(Installed)

iv.   **Enterprise Firewall**

Specifications		
Interfaces and Modules	GE RJ45 Interfaces	16
	GE SFP Slots	16
	GE RJ45 Management Ports	2
	USB Ports	2
	RJ45 Console Port	1
	Included Transceivers	2x SFP (SX 1 GE)
System Performance — Enterprise Traffic Mix	IPS Throughput	7.8 Gbps
	NGFW Throughput	6 Gbps
	Threat Protection Throughput	5 Gbps
System Performance and Capacity	IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP)	32 / 32 / 24 Gbps

		IPv6 Firewall Throughput (1518 / 512 / 64 byte, UDP)	32 / 32 / 24 Gbps
		Firewall Latency (64 byte, UDP)	3 µs
		Firewall Throughput (Packet per Second)	36 Mpps
		Concurrent Sessions (TCP)	4 Million
		New Sessions/Second (TCP)	450,000
		Firewall Policies	10,000
		IPsec VPN Throughput (512 byte)	20 Gbps
		Gateway-to-Gateway IPsec VPN Tunnels	2,000
		Client-to-Gateway IPsec VPN Tunnels	50,000
		SSL-VPN Throughput	4.5 Gbps
		Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	5,000
		SSL Inspection Throughput (IPS, avg. HTTPS)	4.8 Gbps
		SSL Inspection CPS (IPS, avg. HTTPS)	4,000
		SSL Inspection Concurrent Session (IPS, avg. HTTPS)	300,000
		Application Control Throughput (HTTP 64K)	12 Gbps
		CAPWAP Throughput (1444 byte, UDP)	14.8 Gbps
		Virtual Domains (Default / Maximum)	10 / 10
		Maximum Number of Switches Supported	72
		Maximum Number of APs (Total / Tunnel)	512 / 256
		Maximum Number of Tokens	5,000
		High Availability Configurations	Active -Active, Active-Passive, Clustering

Firewall Licensing (3 years subscription)	Complete UTM Bundle includes VPN Clients

Note: The vendor must be at least silver partner of the Principal with 24x7 support office at Islamabad.

V: BRANDED PRINTER FOR A3 SIZE PAPER PRINTING

Branded Printer for A3 size paper printing (Black & White)	Specifications for LaserJet Printer Pro M706N A3 Print: black & white Normal Speed: Up to 35 ppm Print quality black (best) Up to 1200 x 1200 dpi Print Resolution Technologies REt, 600, HP FastRes 1200, HP ProRes 1200 Duty cycle (monthly, A4) Up to 65,000 pages Duty cycle is defined as the maximum number of pages per month of imaged Maximum **printing** resolution (sv /v) 1200x1200 dpi Power consumption (operating)　　710 W Memory capacity (included)　　256 MB Processor speed　　750 MHz