

Islami Bank Bangladesh PLC
Operations Wing
Procurement of Computer Hardware
And Accessories Department (PCHAD)
20, Dilkusha C/A (9th Floor), Head Office, Dhaka

(B) Notice inviting Tender for supplying of different Core Network devices (Routers, Firewalls, ISP Aggregation Switches, VPN (Virtual Private Network) Gateway Devices) for the DC, Dhaka & DRS, Rajshahi of the Bank

Sealed Tenders are hereby invited by Islami Bank Bangladesh PLC from reputed Manufacturers / Local Agents / Companies / Dealers / Distributors/Sellers/ Resellers for supplying of different Core Network devices (Routers, Firewalls, ISP Aggregation Switches, VPN (Virtual Private Network) Gateway Devices) for the DC, Dhaka & DRS, Rajshahi of the Bank under the following terms and conditions:

Detail technical specification of different Core Network Devices are as under:

SL	Device Name	QTY	Required Resource Capacity of the devices for upcoming Tender	Bidders Response
I	Core Router for Branches & Sub-branches (DRS, Rajshahi)	2	Routers should have Multi-core processors, and be equipped with redundant Power Supply.	
			Memory: 64 GB (Minimum)	
			Interface: 6X10GE SFP+ (Switching Port only, routed port is no longer required) all ports/slots must be fully Populated with SFP modules	
			ESP Bandwidth: 100 Gbps (minimum)	
			Route processor: 2 route processor (minimum)	
II	Core Router for ATM/CRM (DRS, Rajshahi)	2	Routers should have Multi-core processors, and be equipped with redundant Power Supply.	
			Memory: 32 GB	
			Interface: 6X10GE SFP+ (Switching Port only, routed port is no longer required) all ports/slots must be fully Populated with SFP modules	
			ESP Bandwidth: 32 Gbps (minimum)	
III	Router for BATCH (DC)	2	Routers should be modular architecture, have Multi-core processors, and be equipped with redundant Power Supply.	
			Memory: 8 GB (minimum), Flash: 8 GB (minimum)	
			Storage: 16 GB (minimum)	
			Interface: 4 x 1-Gigabit Ethernet WAN port and 8 x 1-Gigabit Ethernet Switch ports all ports/slots must be fully Populated with SFP modules	
IV	Router for Internet Zone (DRS, Rajshahi)	2	Routers should be modular architecture, have Multi-core processors, and be equipped with redundant Power Supply.	
			Memory: 32 GB(minimum), Flash: 16 GB(minimum)	
			Storage: 32GB (minimum)	

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SL	Device Name	QTY	Required Resource Capacity of the devices for upcoming Tender	Bidders Response
			Interface: 2 x 10-Gigabit Ethernet and 8 x 1-Gigabit Ethernet ports. All ports/slots must be fully Populated with SFP modules	
			Aggregated Bandwidth: 10Gb (Minimum)	
V	VPN Gateway Device for Extranet Zone (DRS, Rajshahi)	2	CPU: 32-core 2.3-GHz(minimum)	
			Memory: 128-GB(minimum)	
			Storage: 800-GB SSD (minimum)	
			Interface: 8 x 10 SFP+ and 8x1 GE Copper all ports/slots must be fully Populated with SFP modules	
			FW Throughput: 40 G (minimum)	
			NGFW Throughput:38 G (minimum)	
			IPS Throughput:38 G (minimum)	
			Max New Conn: 870K, (minimum)	
			Max Concurrent session: 6 M, (minimum)	
			SSL VPN: 10 K, (minimum)	
			Encryption: Should be capable of AES-256 for VPN	
			High availability: Active/Active, Active/Standby clustering. Should support up to 8 nodes in a single cluster	
VI	Core Firewall (DRS, Rajshahi)	4	CPU: Should have Modular architecture appliance, redundant Power supply.	
			Memory: 256GB DDR4 RAM 2400MHz (minimum)	
			Storage: Two 800GB SSDs in RAID1(minimum)	
			Interface: 8x 10 Gigabit Ethernet (SFP+), interfaces, 2 x 40 GE ports(QSFP), all ports/slots must be fully Populated with SFP modules	
			High availability: Active/Active, Active/Standby Support Multi-instance solution	
			FW Throughput: 100 Gbps (minimum)	
			NGFW Throughput:73 Gbps (minimum)	
			IPS Throughput:68Gbps (minimum)	
			New Conn: Min 490K (minimum)	
			Concurrent session: 35 M (minimum)	
VI I	Firewall for Internet Zone (DRS, Rajshahi)	2	Centralized Management System: Appliance based (minimum 10 Firewalls)	
			CPU: Should have Modular architecture with dual Power supply.	
			Memory: 128 GB DRAM (Minimum)	
			Storage: 480 GB SSD, RAID1, 2 TB HDD, RAID1, (minimum)	
			Interface:10G copper (12 units), 10G SFP/SFP+ (12 units), 40G QSFP (2 units). All ports/slots must be fully Populated with SFP modules	
			High availability: active/active, active/passive, HA clustering	
			FW Throughput: 40 Gbps (minimum)	

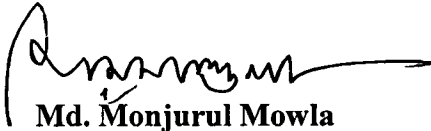
SL	Device Name	QTY	Required Resource Capacity of the devices for upcoming Tender	Bidders Response
VI II	Firewall for Extranet Zone (2 units for Datacenter and 2 units for DRS, Rajshahi)	4	NGFW Throughput:20 Gbps (minimum) IPS Throughput: 20 Gbps (minimum) Threat Prevention Throughput: 10 Gbps (minimum) Max New Conn: 268 K, Max Conc. session:3 Million (min.) Central Management System: Should be supported by a minimum of 8 units of Physical NGFW	
			CPU: Should have Modular architecture appliance redundant Power supply.	
			Memory: 64 GB (minimum)	
			Storage: 2x 480 GB SSD (minimum)	
			12 x 1GE RJ45 Ports, 8X 10 G SFP ports, 2x 40 GE QSFP+ ports. All ports/slots must be fully Populated with SFP modules	
			High availability: Active-Active, Active-Passive, Clustering Virtual systems (base/max): virtual Systems (base/HPP/max mem): 10/20/20	
			FW Throughput: 80 Gbps (minimum) NGFW Throughput: 10 Gbps (minimum) IPS Throughput:12.5 Gbps (minimum) Threat Prevention Throughput: 8 Gbps (minimum)	
			Max New Conn: 5 M (minimum) Max Concurrent session: 8M (minimum)	
			Centralized Management System: Yes (both DC & DR) Should be supported by a minimum of 8 units of Physical NGFW	
			Subscription: 3 years for Hardware replacement, Firewall, Virtual Firewall/Context, IPS, Anti Malware, Application Control, URL filtering, Sandboxing, and any other feature related to Next Generation Threat Prevention	
	ISP Aggregation Switch for WAN	4	Interface: 24X10GE, Uplink 2X10/25GB	
			RAM/Memory: 8 GB (minimum)	
			PSU: Dual power supply	
			Switching: Layer 2 switching	
			all ports/slots must be fully Populated with SFP+ 10G Base-T	
IX	ISP aggregation Switch (BACH, Internet & Extranet Link)	6	Interface: 24X 1GE and uplink 2 X10 GE/SFP+ RAM/Memory: 4 GB (minimum) PSU: Dual power supply Switching: Layer 2 switching uplink ports/slots must be Populated with SFP+ 10G Base-T	

N.B.: All other information related in technical specification is mentioned in the Tender document.

Terms and Conditions:

1. The intending bidders have to apply in their letter head pad and must submit documentary evidence like VAT registration Certificate, up to date Trade License & TIN Certificate, Authorization letter from OEM duly issued by the Head office directly or by the regional office of the OEM/Dealer/Distributor in case of reseller for delivering of the related item, Certificate in support of their past experience and specialization in the field. On being satisfied with documents submitted by the applicant, Tender document will be sold to the intending bidders from Procurement of Computer Hardware and Accessories Department (PCHAD), OW, IBBPLC, Head Office, Yousuf Chamber (9th floor), 20, Dilkusha C/A, Dhaka during Office hours from **24.09.2023 to 29.10.2023** upon payment of **Tk.5,000/- in cash (non-refundable)**. No Tender document will be issued/ received by mail.
2. Tenders will be received at the office of the undersigned up to **03:00 PM on 30.10.2023** and Technical offer(s) will be opened at **3:15 PM** on the same date at the same place in the office of the undersigned in presence of the bidder(s) or their representative (who may like to attend). **A pre bid meeting in this regard will be held on 15.10.2023 at 11:00 AM at Procurement of Computer Hardware and Accessories Department (PCHAD), OW of IBBPLC, Head office, Yousuf Chamber, 20, Dilkusha C/A (9th floor), Dhaka.** After completion of technical evaluation, only the financial offer(s) of technically qualified bidder(s) will be opened through informing the same to technically qualified bidder(s).
3. 2.5% (two point five percent) of the total tender amount must be submitted along with financial offer of the tender as bid security in favour of Islami Bank Bangladesh Limited in the form of Bank Draft/ Pay Order/ Bank guarantee from any scheduled Bank of Bangladesh preferably from Islami Bank Bangladesh Limited without which the Tender shall be rejected outright.
4. An original and one copy of the Offer duly marking **“Original Offer Technical”** and **“Copy of the Offer Technical”** in an envelope and **“Original Offer Financial”** and **“Copy of the Offer Financial”** in another envelope should be submitted separately at the time of tender submission with authentication by the Tenderers. **Combination of Technical and Financial Offer will be disqualified.** The bid form must be filled in through computer printer or in typing without overwriting and without any erasing and modifications.

5. Islami Bank Bangladesh Limited reserves the right to accept any tender and reject any or all tenders without assigning any reasons whatsoever. Islami Bank Bangladesh Limited is not bound to purchase the item from the lowest bidder.



Md. Monjurul Mowla
Assistant Vice President
Phone: 47119164 Ext- 705

