Islami Bank Bangladesh PLC
Operations Wing
Procurement of Computer Hardware and
Accessories Department (PCHAD)
Head Office, Dhaka

Amendment in the Tender Schedule for Supplying & Commissioning different Core Network devices (Routers, Firewalls, ISP Aggregation Switches, VPN (Virtual Private Network) Gateway Devices) for the DC, Dhaka & DRS, Rajshahi of the Bank are as follows:

Technical Terms & Conditions:

Detail technical Specification of different Core Network Devices for DC & DRS in page no: 11

S/N	Device Name	Existing Technical Specification as per Tender Schedule	Amendments
I	Core Router for Branches & Sub-Branches (DRS, Rajshahi)	Routers should have Multi-core processors, and be equipped with redundant Power Supply	Routers should have Multi-core processors, and be equipped with redundant Power Supply from Day one
		Interface: 6X10GE SFP+ (Switching Port only, routed port is no longer required) all ports/slots must be fully Populated with SFP modules	Interface: 6X10GE SFP+ (Switching Port only, routed port is no longer required) All ports/slots must be fully Populated with compatible SFP modules from day one
		ESP Bandwidth: 100 Gbps (minimum)	Routing throughput: 100Gbps (min)
		Route processor: 2 route processor (minimum)	Route processor: Embedded Route Processor
			Min. 03 (three) Years OEM Warranty and Local Supports
II	Core Router for ATM/CRM (DRS, Rajshahi)	Routers should have Multi-core processors, and be equipped with redundant Power Supply.	Routers should have Multi-core processors, and be equipped with redundant Power Supply from Day one
		Interface: 6X10GE SFP+ (Switching Port only, routed port is no longer required) all ports/slots must be fully Populated with SFP modules	Interface: min. 4X10GE SFP. & min. 4 x 1G-Rj45 All ports/slots must be fully Populated with compatible SFP modules from day one.
		ESP Bandwidth: 32 Gbps (minimum)	Routing Throughput: 32Gbps (min.)
			Min. 03 (three) Years OEM Warranty and Local Supports
III	Router for BATCH (DC)	Routers should be modular architecture, have Multi-core processors, and be equipped with redundant Power Supply.	Routers should be modular architecture, have Multi-core processors, and be equipped with redundant Power Supply from Day one
		Storage: 16 GB (minimum)	Removed
			Min. 03 (three) Years OEM Warranty and Local Supports
IV	Router for Internet Zone (DRS, Rajshahi)	Aggregated Bandwidth: 10Gb (Minimum)	Routing Throughput: 10Gbps (min.)
			Min. 03 (three) Years OEM Warranty and Local Supports

S/N	Device Name	Existing Technical Specification as per Tender Schedule	Amendments
V	VPN Gateway Device for Extranet Zone (DRS, Rajshahi)	CPU: 32-core 2.3-GHz(minimum)	CPU: Multi-core processors, and be equipped with redundant Power Supply from day one.
		FW Throughput: 40 G (minimum)	Removed
		NGFW Throughput:38 G (minimum)	Removed
		IPS Throughput:38 G (minimum)	Removed
		Max New Conn: 870K, (minimum)	Removed
		Max Concurrent session: 6 M, (minimum)	Removed
		SSL VPN: 10 K, (minimum)	VPN Peer or Tunnel: 10,000 (min.)
		High availability: Active/Active, Active/Standby clustering. Should support up to 8 nodes in a single cluster	High availability: Active/Active, Active/Standby clustering. Should support up to 4 nodes (min.) in a single cluster.
		Security Context: 20 (minimum)	Removed
			Min. 03 (three) Years OEM Warranty and Local Supports with perpetual license (if any) up EOS of the devices.
VI	Core Firewall (DRS, Rajshahi)	CPU: Should have Modular architecture appliance, redundant Power supply.	CPU: Should have Modular architecture appliance, redundant Power supply from day one
		Storage: Two 800GB SSDs in RAID1(minimum)	Storage: Two 800GB (min.) SSDs in RAID1.
		FW Throughput: 100 Gbps (minimum) NGFW Throughput:73 Gbps (minimum) IPS Throughput:68Gbpss (minimum)	NGFW Throughput:73 Gbps (minimum) IPS Throughput:68Gbpss (minimum)
		New Conn: Min 490K (minimum) Concurrent session: 35 M (minimum)	New Conn: Min 490K Concurrent session: 30 Million
			5 Years License: IPS/Threat Prevention, Vulnerability Protection, Anti Malware/Anti-Virus, Anti Spyware, Anti APT, URL Filtering, Content filtering, IP Reputation check, Geo-location Check, Cloud Sandboxing, Virtual Firewall/Security Context, from day 1
			03 (min.) Years OEM Warranty and Local Support.
VII	Firewall for Internet Zone (DRS, Rajshahi)	CPU: Should have Modular architecture with dual Power supply.	CPU: Should have Modular or open architecture with dual Power supply from day one.
		Storage: 480 GB SSD, RAID1, 2 TB HDD, RAID1, (minimum)	Storage: 2X 480 GB SSD (min.) with sufficient internal storage.
		Interface:10G copper (12 units), 10G SFP/SFP+ (12 units), 40G QSFP (2 units). All ports/slots must be fully Populated with SFP modules	Interface: 10G copper (8 units), 1G/10G SFP/SFP+ (12 units), 25G SFP28 (4 units), 40G/100G QSFP+/QSFP28 (4 units) from day one.
		High availability: active/active, active/passive, HA clustering	High availability: active/ active or active/ passive or HA cluster.
		FW Throughput: 40 Gbps (minimum) NGFW Throughput:20 Gbps (minimum) IPS Throughput: 20 Gbps (minimum) Threat Prevention Throughput: 10 Gbps (minimum)	NGFW Throughput:20Gbps (minimum) IPS Throughput: 20Gbps (minimum) Threat Prevention Throughput: 20Gbps (minimum) in real world/- production environment by enabling and measured with application control, IPS, antivirus, Anti malware, anti-spyware, Advance Threat, Zero day

S/N	Device Name	Existing Technical Specification as per Tender Schedule	Amendments
			Protection, file blocking, and logging enabled, utilizing 64 KB HTTP/appmix/IMIX transactions.
		Max New Conn: 268 K, Max Conc. session: 3 Million (minimum)	Max New Conn: 268 K (min.) utilizing 1-byte HTTP transactions OR 8 million new connections per second utilizing 64-byte HTTP transactions. Max Conc. session:3.0 Million (minimum) with threat prevention features enabled.
			License: 5 Years OEM Subscription and License: IPS/Threat Prevention, Vulnerability Protection, Anti Malware/Anti-Virus, Anti Spyware, Anti APT, URL Filtering, Content filtering, IP Reputation check, Geo-location Check, Cloud Sandboxing, Virtual Firewall/Security Context from day one
			03 (three) Years min. OEM Warranty and Local Support
VIII	Firewall for Extranet Zone	CPU: Should have Modular architecture appliance redundant Power supply.	CPU: Modular architecture based appliance with redundant Power supply from day one.
		Storage: 2x 480 GB SSD (minimum)	Storage: 2x 480 GB (min.) SSD or 1x 960GB (min.) SSD.
		High availability: Active-Active, Active-Passive, Clustering Virtual systems (base/max): virtual Systems (base/HPP/max mem): 10/20/20	High availability: Active-Active or Active-Passive or HA Clustering.
		FW Throughput: 80 Gbps (minimum) NGFW Throughput: 10 Gbps (minimum) IPS Throughput:12.5 Gbps (minimum) Threat Prevention Throughput:8 Gbps (min)	NGFW Throughput: 10 Gbps (min.) IPS Throughput: 12Gbps (min.) Threat Prevention Throughput: 8 Gbps (min.)
		Max New Conn: 5 M (minimum) Max Concurrent session: 8M (minimum)	Max New Conn: 600K (min.) Max Concurrent session: 7M (min.)
		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	License: 5 Years OEM Subscription and License: IPS/Threat Prevention, Vulnerability Protection, Anti Malware/Anti-Virus, Anti Spyware, Anti APT, cloud Sandboxing, Virtual Firewall/Security Context, Firewall Management.
			03 (three) Years min. OEM Warranty and Local Support
IX	ISP Aggregation Switch for WAN	RAM/Memory: 8 GB (minimum)	RAM/Memory: 4 GB (minimum)
			03 (three) Years min. OEM Warranty and Local Support
X inste ad of IX	ISP aggregation Switch (BACH, Internet & Extranet Link)	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	Interface: 24X 1GE and uplink 2 X10 GE/SFP+ RAM/Memory: 2 GB (minimum) PSU: Dual power supply Switching: Layer 2 switching uplink ports/slots must be Populated with SFP+ 10G Base-T
			03 (three) Years min. OEM Warranty and Local Support
XI			All SFP module would be utilized inside the Datacenter. Thus the Module/SFP would be multimode transceiver .

General Terms & Conditions:

Ex. Cl. No.	Clause Name with page no/Annexure	Existing conditions as per Tender Schedule	Amendments
2.0	Tenderer's/Bidder's Qualification (Page no- 2)		2.5 Bidders can participate partial/individual OEM base/full package for this Tender. All types of proposal will be considered. 2.6 Bidders can participate individually/Joint venture.
8.0	Availability of Tender schedule (Page no- 4)	a. The tender schedule will be available at Procurement of Computer Hardware and Accessories Department (PCHAD), Operations Wing, 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/- (five thousand) only (non-refundable) per set in cash. b. The tender documents shall be dropped in the tender box to be kept at Procurement of Computer Hardware and Accessories Department (PCHAD), Operations Wing, IBBPLC, Head Office, Yousuf Chamber (9th Floor), 20, Dilkusha C/A, Dhaka latest by 03.00 PM on 30.10.2023. No tender shall be entertained after the specified time and date. Tender papers must be properly filled in, sealed and signed by authorized official with tenderer's name, address, etc. Only the Technical Offer will be opened at 03.15 PM on same day i.e. 30.10.2023 at the same place in presence of Tenderer or their nominated representative (if any)	a. The tender schedule will be available at Procurement of Computer Hardware and Accessories Department (PCHAD), Operations Wing, IBBPLC, Head office, Yousuf Chamber (9th Floor), 20, Dilkusha C/A, Dhaka during office hours from **24.09.2023 to 13.11.2023** upon payment of Tk.5,000/- (five thousand) only (non-refundable) per set in cash. b. The tender documents shall be dropped in the tender box to be kept at Procurement of Computer Hardware and Accessories Department (PCHAD), Operations Wing, IBBPLC, Head Office, Yousuf Chamber (9th Floor), 20, Dilkusha C/A, Dhaka latest by **03.00 PM on 14.11.2023**. No tender shall be entertained after the specified time and date. Tender papers must be properly filled in, sealed and signed by authorized official with tenderer's name, address, etc. Only the Technical Offer will be opened at **03.15** PM on same day i.e. **14.11.2023** at the same place in presence of Tenderer or their nominated representative (if any)
10.0	Price, Currency & payments (10.2.c) Page no- 5	c. 10% of the bill after expiry of the 03 years' warranty period	c. Rest 10% of the bill will be paid after successfully completion of 03 years' warranty period **Or** the same will be paid against providing Bank Guaranty equivalent to 10% of total contract value which will be release after successfully completion of 03 years' warranty period.
25.0	Penalty (Page no- 7)	If the supplier fails to supply the required item/equipment including all License/software, and commission the same in the stipulated time as per Tender Schedule as well as award letter the buyer reserves the right to impose a penalty which may be @1% of the contract value per week after the deadline. Upon reaching the penalty to 10% of the contract price that is after 10 weeks, the Performance Guaranty (PG) will be forfeited on sending a letter to the contractor.	If the supplier fails to supply the required item/equipment including all License/software, and commission the same in the stipulated time as per Tender Schedule as well as award letter the buyer reserves the right to impose a penalty which may be **@0.5%** of the contract value per week after the deadline. Upon reaching the penalty to **5%** of the contract price that is after 10 weeks. If failed to supply the items the Performance Guaranty (PG) will be forfeited on sending a letter to the contractor.
28.0	General Instruction (Page no- 9)	a. It is proven that the business volume of IBBPLC would double every five years. Thus, the required Device's resource capacity and Sizing would be assessed considering a 7 (seven) years' projection.	a. It is proven that the business volume of IBBPLC would double every five years. Thus, the required Device's resource capacity and Sizing would be assessed considering a **5 (five)** years' projection.

| G | Annexure-I **Training** (Page no-14) | a. Training must be conducted by OEM authorized trainer & Training institute with a complete theory & lab environment.
b. Must cover Enterprise Firewall Administration, Troubleshooting, Operation, and Management Traffic analysis architecture.
c. Exam Voucher (Professional Level)- total 10 persons | Training conduct on individually for Core firewall- 3 person, Internet firewall- 3 person, Extranet Firewall- 3 person and Routing & Switching- 3 person (**Total- 12 person**) as per following:
a. Training partner must be authorized by individual OEM with accommodation of training Centre & Lab facilities for the respective Training Module/ course with lab equipment etc.
b. training must be conducted by authorized Trainer of individual OEM and the CV of the Trainers should be submitted with the proposal.
c. Must cover Enterprise Firewall Administration, Troubleshooting, Operation, and Management Traffic analysis architecture.
d. Voucher of the Examinations for Professional Level of certifications for the individual OEM should be included. |

Summary of Financial offer

II. Summary of Training Cost as per schedule (Sl. no.- G, Annexure- I) in page no- 15

SL	Description of Training	Total Price (Tk.)
A	Training (Local)- 12 persons with Certification cost (Training would be organized Locally but quality-full provided by OEM authorized trainer & institute with ensuring minimum cost incurred).	
	OR	
B	Training (Foreign)- 12 persons as stated in **G** of General terms & Conditions	

III. Summary of Annual Maintenance Cost (AMC) submitted for Hardware including all licenses and subscription as per schedule (Sl. no.- F, Annexure- I) in page no- 15
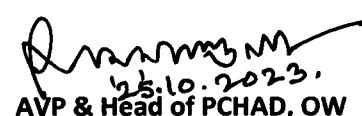
Sl	Devices under AMC (Device, License & CON)	QTY (units)	AMC Price in Taka Including VAT & TAX as per govt. rule after expiry of the Warranty period.		
			AMC for 1st Year	AMC for 2nd Year	AMC for 3rd Year
1.	Core Router for Branches	2			
2.	Core Router for ATM/CRM	2			
3.	Router For Bach	2			
4.	Router for Internet Zone	2			
5.	VPN Gateway Device for Extranet Zone	2			
6.	Core Firewall	4			
7.	Firewall for Internet Zone	2			
8.	Firewall for Extranet Zone	4			
9.	ISP Aggregation Switch for WAN	4			
10.	ISP Aggregation Switch for (BACH, Intranet & Extranet)	6			

** All other Technical and General terms & conditions in Tender Schedule shall remain unchanged.

AO (PCHAD, OW)	Senior Officer (PCHAD, OW)	SPO (PCHAD, OW)	AVP & Head of PCHAD, OW