

ISLAMI BANK BANGLADESH LIMITED
OPERATIONS WING, ENGINEERING DIVISION
PROCUREMENT OF COMPUTER HARDWARE
AND ACCESSORIES DEPARTMENT (PCHAD)
20, DILKUSHA C/A (9th Floor), DHAKA – 1000.

Amendment of Technical Specification in Tender Schedule relating to supply, Installation & Configuration of Core Network Devices for Islami Bank Bangladesh Limited.

Sl. No	Item Name/ Page number	Existing specification as per Tender Schedule	Amended
1	5.4 c)/6 Training Page No. 05	Nil	Required Training for this project (6 Officials i.e. 05 officials from ICTW & 01 official from PCHAD, ED in Abroad- Two phases and 10 Officials at Home) will be arranged by the awarded bidder to manage the installed system/Hardware/appliance independently by the Bank's resources.
2	14.0 Tender Submission Page No. 09	27.01.2020 at 03.10 pm	05.02.2020 at 3.10 pm
3	29.0 Delivery period Page no.12	60 days from the date of the Work Order	60 working days from the date of the Work Order.
4	30.1 Project Implementation Page no.12	Nil	Declaration from the Bidders to confirm the valuable weighted Resources (Project Manager, Core Technical Team and Residential Engineer) not to switch their job without complete / handover the project with smooth operation and fine tuning.
5	5.2 qualitative judgment Page no. 04	(Qualitative judgment will be performed based on the presentation, documentation, style, understanding of the job & requirement etc.)	Qualitative Judgment will be considered as per project experience with the awarded bidders of IBBL earlier based on Device Delivery, Conduct Training program, Implementation delay, Project Handover delay, support and maintenance delay, etc.
6	9.1 Further Document Collection Page no.7	Nil	All intended bidders and OEM's are cordially requesting to read the Tender Document carefully and prepare their Technical Proposal duly. No further documents/papers/particulars will be collected later on after submission of the Technical Proposal on the date of submission. Lapses of documents caused technically disqualified.





31.0 REVISED INTER-DEVICE CONNECTIVITY /INTERFACE/MODULE/TRANCEIVER/PATCH CABLE MATRIX

The least quantity, units, capacity, specifications are described as under for the proposed devices which may be increased based on individual offered items/ devices of respective Brand:

Requirements of Individual Appliance-Based Parameter

Device Description	Features Description	QTY	Transceiver Module requirement	Single Device Qty	Patch Cord	Qty
Branch Core Router:						
10 Gbps Interface	4X10Gbps		DAC/SFP-10G - SR	2	Fiber Patch Cord (5M)	3
1 Gbps Interface	16 X 1Gbps		GLC-TE	18	Copper	20
System Throughput	80 Gbps	2				
Crypto Throughput	15 Gbps					
MACSEC	Must be available					
ATM Core Router:						
10 Gbps Interface	4X10Gbps		DAC/SF-10G - SR	2	10 GigFiber Patch Cord (5M)	3
1 Gbps Interface	16 X 1Gbps		GLC-TE	18	Copper (3m)	20
System Throughput	80 Gbps	2				
Crypto Throughput	15 Gbps					
MACSEC	Must be available					
Core Firewall						
10 Gbps Interface	8X10GBPS		DAC/SFP-10G - SR	4	10 Gig Fiber Patch Cord (5M)	3
IPS Throughput (Egress)	20 Gbps or mention		GLC-TE	2	Copper(3m)	2
IPS Throughput (Inress)	60 Gbps or mention	2				
Firewall Throughput	80 Gbps					
Maximum concurrent sessions, with AVC	25 million					
Core Switch (Border leaf)						
40 Gbps Interface	4 X 40 GBPS		QSFP-40-SRBD	2	40 GigFiber Patch Cord (5M)	3
10 Gbps	48 X 10 GBPS	2	SFP-10G-SR	20	10 Gig Fiber Patch Cord (10m)	20
Switching Capacity (aggregated in-out)	3.6 Tbps					

Device Description	Features Description	QTY	Transceiver Module requirement	Single Device Qty	Patch Cord	Qty
Spine Switch						
40 GBPS Interface	32 X 40 GBPS		QSFP-40-SRBD	10	40 GigFiber Patch Cord (10M)	5
Switching Capacity (aggregated in-out)	2.50 Tbps	2	SFP-10G-SR	2	40 GigFiber Patch Cord (20M)	5
					10 Gig Fiber Patch Cord (5m)	2
Leaf Switch (Fiber)						
40 GBPS (Uplinks) Interface	2 X 40 GBPS		QSFP-40-SRBD	2	40 GigFiber Patch Cord (5M)	2
25 GBPS	2X 25 GBPS		SFP-25G-SRS	2	25 Gig Copper Patch Cord (5m)	8
10 GBPS	40X 10 GBPS	4	SFP-10G-SR	40	10 Gig Copper Patch Cord (5m)	40
Switching Capacity (aggregated in-out)	3.6 Tbps					
Leaf Switch (Copper)						
40 GBPS (Uplinks)	2 X 40 GBPS		QSFP-40-SRBD	2	40 GigFiber Patch Cord (5M)	2
10 GBPS	48X 10 GBPS	4	Nil		10 Gig Copper Patch Cord (5m)	48
Switching Capacity (aggregated in-out)	1.70 Tbps					
HQ Sites Aggregation SW (DCI)	All OEM must be participated separate switches for Data Centers Inter-connect (DC-HDR-RDR)					
40 GBPS Interface	2 X 40 GBPS		QSFP-40-SRBD	2	40 GigFiber Patch Cord (5M)	2
10 GBPS Interface	20X 10 GBPS	2	GLC-TE	10	1 Gig Copper Patch Cord (5m)	10
Switching Capacity (aggregated in-out)	1.40 Tbps		SFP-10G-LR	10	10 Gig Fiber Patch Cord (5M)	10
Campus Aggregation SW						
Interface		2				
40 GBPS Interface	2 X 40 GBPS		SFP-10G-LR	30	10 Gig Fiber Patch Cord (5M)	2
10 GBPS Interface	40X 10 GBPS					
Switching Capacity (aggregated in-out)	960 Gbps					
Firewall Management Center						
1 Gbps or 10 Gbps Interface	2X1 GBPS or 2X10 gbps		GLC-TE or SFP-10G-SR	2	10 Gig Fiber Patch Cord (5M)	2

The spare parts and modules (both Copper & Fiber) calculated for single unit device. In-case of Multiple Devices, Transceivers and GLC-TE will be multiplied by the respective quantity. Licenses and IOS would also be added considering for the fulfillment of future requirement (SDN & SDWAN).

Sadhu
20.01.2020
JO (PCHAD, ED)

SO
20-01-2020
SO (PCHAD, ED)

FAVP
1.12.1.2020
FAVP (PCHAD, ED)

FAVP & Head of PCHAD (ED)
20.01.2020