

# First Security Islami Bank Limited ICT Division

Head Office
Plot#12, 2<sup>nd</sup> & 3<sup>rd</sup> Floor, Main Road.
Block # A, P.S- Badda,
Bashundhara R/A, Dhaka-1229.

Web: www.fsiblbd.com; email: ictp@fsiblbd.com

Ref: FSIBL/HO/ICT/2021/903 Date: 08.12.2021

### TENDER FOR SUPPLYING NETWORK & STRUCTURE CABLING EQUIPMENT [Category # 2]

Bidder Reg. No.

### **Section A: General Information**

SN	Item			Description			
1	Name of the Bank		First Security	Islami Bank	Limited		
2	Procuring Entity N	lame	Information &				
3	Invitation of tend	er for	Supplying & installation of brand new Router, Switch, IP Phone sets, Structured Cabling & Access Control System equipment as per technical specifications detailed in "Section C" hereunder from the eligible and registered vendors/suppliers/distributors/local agents or retailer of brand equipment manufacturers and retailer as specified in "Section B" hereunder.				
4	Invitation for Quo Ref. & Date	tation	FSIBL/HO/ICT/	2021/903		Date: 08.3	12.2021
5	Procurement Met	hod	Open Tendering				
6	Source of Fund		First Security	Islami Bank	Limited		
7	Registration of be price of Tender Do					ollment fee on the form of <b>nk Limited</b> d physically. Into the	
	Tender Process	Tender	Schedule D	istribution	Pre-Bid Meeting	Submission	Opening Time
8	Dates & Times	Process	Start	End	Start	End	
		Date	08.12.2021	20.12.2021	14.12.2021	28.12.2021	28.12.2021
		Time	03.00 PM	03:00 PM	02:30 AM	03:00 PM	03:30 PM
09	Tender Validity		01 (One) Year				
10	Place of opening documents	tender	First Security Block # A, P.S- B		•	•	or, Main Road.
11	Composition of bio		The costs of complete installation of the equipment as instructed by the bank, testing, commissioning, delivering to directed site and admissible VAT, excise duty, subsidiary duty, import duty, ATV, AIT etc. all types of taxes and revenues of the government and other regulatory authorities along with time value of money up to settlement of bills taking clearances from the end user of the bank.				
12	Delivery Address		<b>First Security Islami Bank Limited</b> , Plot#12, 2 <sup>nd</sup> & 3 <sup>rd</sup> Floor, Main Road. Block # A, P.S- Badda, Bashundhara R/A, Dhaka-1229.				
13	Mode of payment		The supplier will have to submit the bill after supplying of all equipment with delivery challan. The bill will be paid after getting the satisfactory certificate from ICT Division, FSIBL, Head Office expressing clearly that the end user has no objection.				

14	Submission of bidders Qualifications/Eligibili ty and curse of bidder	The interested registered bidder shall copy the "bidders' qualification" form from the webpage and place them on their own letterhead write their qualifications and individual information in a separate sealed envelope with proper labeling mentioning- "Bidder's Qualifications /Eligibility for supplying Network equipment", Name of the bidder & Registration No.					
15	Submission of Technical Specifications	The interested registered bidder shall copy the Asked Technical Specifications form from the webpage and place them on their own letterhead write their own specifications and part numbers in the designated fields and submit the document along with the supporting original brochure, detail color picture in a separate sealed envelope with proper labeling mentioning- "Technical Specifications- for supplying Network equipment", Name of the bidder & Registration No. All the bidders have to submit the softcopy of their personal data and technical offers in a readable CD/DVD ROM along with the technical offer and send a copy of the same after opening of the tender to the email address: ictp@fsiblbd.com					
16	Submission of Financial Offer	The interested registered bidder shall copy the Financial Offer form from the webpage and place them on their own letterhead and write their price offer for Section C in the designated field(s) and submit the document in a separate sealed envelope with proper labeling mentioning- "Financial Offer- for supplying Network equipment", Name of the bidder & Registration No.					
17	Name and address of the Office for receiving tender(s)	Vice President & Head of ICT Division.  First Security Islami Bank Limited, Plot#12, 2 <sup>nd</sup> & 3 <sup>rd</sup> Floor, Main Road.  Block # A, P.S- Badda, Bashundhara R/A, Dhaka-1229.					
18	` ` `	Do.					
19	Contact Details	Telephone No. 02-8432613-22 Ext: 303 IPT: 09678544303 email: <a href="mailto:ictp@fsiblbd.com">ictp@fsiblbd.com</a>					
20	Special Instruction	The Bank Authority reserves the right to -  1. Explain or clarify the terms of this tender notice in its own way,  2. Bring necessary changes in the notice  3. Increase or decrease the tender quantity  4. Reject the lowest  5. Reject any or all bids  6. Select any bidder deems fit and proper by them  7. Bidder can bid full or any part of the Section "C"  The bank authority can perform all the above things without assigning any reason. The bidder/supplier shall have no right to challenge the decision of the Bank Authority in any court of law or to any arbitrator.					

#### TENDER FOR SUPPLYING NETWORK EQUIPMENT

Tender Ref. FSIBL/HO/ICT/246

Date:

Bidder Reg. No.

## Section B: Bidder's Information and Qualifications/Eligibility

SN	Description	Qualification	Response	Remarks
01	Name of the Bidder	Required		Attach NID copy
02	Designation of the Bidder	Required		
03	Company Name	Required		
04	Company Type	Required		
	[ Proprietorship, Partnership, Private Limited, Public			
	Limited etc.]			
05	Website address of the company	Required		
06	Bidder's Office Phone No.	Required		Attach bill copy
07	Bidder's email address	Required		Send "Test" mail to ictp@fsiblbd.com
08	Bidder's Mobile No.	Required		
09	Verified Business Address	Required		Attach proof
10	Name of Contact Person	Required		Attach NID copy
11	Designation of the contact Person	Required		
12	Official email address	Required		Send "Test" mail to
		Required		ictp@fsiblbd.com
13	Valid Trade License No.	Required		Attach proof
15	Valid VAT Registration No.	Required		Attach proof
15	Valid ETIN	Required		Attach proof
16	Valid IRC No.	Required		Attach proof
17	Authorization of the Principal	Required		Attach proof
18	Bank solvency certificate	Required		Attach proof
19	Are you adequately solvent to sale on?	Yes/No.		
	Credit for a period of 6 months or more?			
20	Experience: The bidder must have 3 years of			
	experience for supplying similar products in at			Attach proof
		Date-		ricador proor
	Bangladesh.	Quantity-		
21	Principal's Name, Postal Address, Web	Required		Might be verified
	address	- 1		<b>J</b>
22	Are you Banned by any bank authority or?	Yes/No		
	Government agency?			
23	Will you import the product from original?	V/N/-		
	Equipment manufacturer? If no, who will	Yes/No./details		
	import your products give its details			

**Statement of the bidder**: All the above information provided hereinabove are true. We will supply the order from genuine, valid and lawful sources and will pay all admissible VAT, Tax & other duties as per rule of the Government of Bangladesh.

#### TENDER FOR SUPPLYING NETWORK EQUIPMENT

Tender Ref. FSIBL/HO/ICT/246

Date: 08/12.2021 **Bidder Reg. No.** 

## Section C: Technical/Financial Specifications of Tendered Network Equipment

# 1. Router/Switch:

Brand:	To be mentioned
Model:	Model: To be mentioned
Country of origin:	USA/ EU/ UK
Country of manufacture:	Country of manufacture : To be mentioned
Enclosure Type and Form Factor:	Rack mountable, not more than 1U

Item Name	Specifications
	Branch Router
Router Type 1	Router should be onboard WAN or LAN 10/100/1000 ports - 2 RJ-45-based ports 2, SFP-based ports 1, NIM slots 2 Throughput 35 Mbps to 75 Mbps, 8 GB Flash Memory default, 4 GB DRAM default with Security License, IP Base License, Network Plug-n-Play Connect for zero-touch device deployment, AC Power Supply, Blank faceplate for NIM slot, rack mount kit 12month manufacturers replacement warranty
Router Type 2	Router should be 2 onboard GE, 2 NIM slots, 1 ISC slot, 4 GB Flash Memory default, 4 GB/8GB (maximum) DRAM default. Throughput 50 Mbps to 100 Mbps IP Base License & Security License, AC Power Supply, 4G Flash Memory for Soldered on motherboard, 4G DRAM for Soldered on motherboard, Blank faceplate for NIM slot 12month manufacturers replacement warranty
Router Type 3	8 Ports Dual GE WAN Ethernet Router, Power Supply 66 Watt AC V2, IP Base License Network Plug-n-Play Connect for zero-touch device deployment, Eco-friendly - Ship router with only Power cables only, AC Power Cord (UK), C13, BS 1363, 2.5m Router Rackmount Wall mount Kit, Security License. 12month manufacturers replacement warranty
Router Type 4	4 Ports Dual GE WAN Ethernet Router, Power Supply 66 Watt AC V2, IP Base License AC Power Cord (UK), C13, BS 1363, 2.5m, Security License 12month manufacturers replacement warranty
Router Type 5	2 ports Gigabit Ethernet (GE), 4-port GE managed switch, IP Base License & Security License, Eco-friendly - Ship router with only Power cables only, AC Power Cord (UK), C13, BS 1363, 2.5m, 19-inch Rackmount Kit, Default and maximum DRAM 1GB Default and maximum flash memory 2 GB, One USB 2.0 Type A port, Separate console ports RJ-45 12month manufacturers replacement warranty
Router Type 6	WAN Interfaces 1-port GE or 1-port SFP 1-port GE, LAN Interfaces: 8-port 10-/100-/1000-Mbps managed switch, Integrated USB 2.0/AUX/Console, Power Supply 66 Watt AC V2, 890 Advanced IP Services License, AC Power Cord (UK), C13, BS 1363, 2.5m, RAM Max Supported Size 1GB 12month manufacturers replacement warranty
	ATM/Collection Booth Router
Mikrotik Router- RB3011UiAS-RM or Similar	1U rackmount, 10xGigabit Ethernet, SFP, USB 3.0, LCD, PoE out on port 10, 2x1.4GHz CPU, 1GB RAM, RouterOS L5
Mikrotik Router- RB4011iGS+RM or Similar	Powerful 10xGigabit port router with a Quad-core 1.4Ghz CPU, 1GB RAM, SFP+ 10Gbps cage and desktop case with rack ears
Mikrotik Router- RB450GX4 or Similar	IPQ-4019 716 MHz , 4Core , 5 Gigabit , 1GB RAM , Router OS5 , microSD slot
	Branch Switch
Switch Type 1	24x 10/100 Ethernet ports, 2x 1GSFP and RJ-45 combo uplinks and 2x 1G SFP uplinks DRAM 512 MB, Flash memory 256 MB, Forwarding bandwidth 6.4 Gbps Switching bandwidth 12.8 Gbps, Forwarding rate 9.52 Mpps, Maximum active VLANs 256, AC Power Cord (UK) 12month manufacturers replacement warranty

	24v 10/100/1000 Ethornot ports 4v 1C CED unlinks Equipment handwidth 30 Chas
	24x 10/100/1000 Ethernet ports, 4x 1G SFP uplinks, Forwarding bandwidth 28 Gbps Switching bandwidth 56Gbps, Forwarding rate 41.67 Mpps, MAC addresses 16000
Switch Type 2	AC Power Cord (UK),
	12month manufacturers replacement warranty
Switch Type 3	8-Port 10/100 Desktop Managed / Unmanaged Switch
	24port GE, POE, 4x1G SFP 195W, Forwarding bandwidth 28 Gbps
	Switching bandwidth 56Gbps, Forwarding rate 41.67 Mpps
Switch Type 4 (PoE)	MAC addresses 16000, AC Power Cord (UK),
· · · · · · · · · · · · · · · · · · ·	12month manufacturers replacement warranty
	16port GE, POE, 2x1G SFP, 120W, Forwarding bandwidth 18 Gbps
	Switching bandwidth 36Gbps, Forwarding rate 26.78 Mpps
Switch Type 5 (PoE)	MAC addresses 16000, AC Power Cord (UK),
Switch Type 5 (102)	12month manufacturers replacement warranty
	8 port GE, POE, 2x1G SFP, 67W, Forwarding bandwidth 10 Gbps
Switch Type 6 (PoE)	Switching bandwidth 20 Gbps, Forwarding rate 26.78 Mpps
Cirical Type o (For)	MAC addresses 16000, AC Power Cord (UK),
	12month manufacturers replacement warranty
	8*10/100/1000 Base-T Ethernet ports (Data/Power), 1*10/100/1000 Base-T
	Ethernet ports (Data), 1*1000 Base-X SFP ports (Data), Switch capacity
Conitab Toma 7 (DaF)	20Gbps, VLAN-based routing, IPv4 static routing adding,
Switch Type 7 (PoE)	Static ARP adding/deleting, ARP aging time configuration
	12month manufacturers replacement warranty
	8 10/100/1000Base-T RJ-45 Auto-MDI/MDI-X ports, 2 1000Base-
	SX/LX/BX SFP interfaces (Port-9 and Port-10), Compatible with 100Base-
Switch Type 8 (PoE)	FX SFP, PoE Power Budget:115 Watts, Switching capacity 20Gbps / non-
	blocking, Throughout 14.88Mpps, IEEE 802.3x Pause Frame for Full-Duplex
	Back pressure for Half-Duplex
	12month manufacturers replacement warranty
	16 10/100/1000 Base-T Ethernet ports and 4 extra independent 1000Base-X
	Gigabit SFP ports. Switching capacity 36Gbps, PoE budget: Single port:
	AF: 15.4W, AT: 30W, Whole device: 230W, Rack mounting: support
Switch Type 9 (PoE)	IEEE 802.3/IEEE 802.3u/IEEE 802.3ab/IEEE 802.3x/ IEEE 802.3af/IEEE
	802.3at
	12month manufacturers replacement warranty
	24 10/100/1000 Base-T Ethernet ports and 4 extra independent 1000Base-X
	Gigabit SFP ports. Electively prevent MAC-base attacks. Permit or restrict
	flow based on MAC address, Switching capacity 56Gbps, Throughput
	35.7Mpps, All RJ45 ports support IEEE 802.3af PoE (15.4W) or 802.3at
	PoE+ (30W) power supply, auto detect and recognize IEEE802.3af PoE
	device to power supply; support PoE power intelligent management, PoE+
	Support the user authentication by 802.1X and MAC authentication, Ports 1-
	24 support IEEE 802.3af/at PoE standard; up to 30W power output per PoE
Switch Type 10 (PoE)	port. Allows and assures packets to be forwarded by all ports at full wire
7 ( >-)	speed. supports VLAN, IGMP, QoS, DHCP Snooping, Telnet, etc.
	1U(thickness)-steel casing and 19-inch rack; With the help of hangers, it can
	be installed on the standard rack.
	12month manufacturers replacement warranty
	2-month manufacturers repracement warranty

#### 2. IP Phone Sets:

Brand & Model	Specification	Country of Origin	Unit Price
AVAYA VANTAGE K175 dual port with camera or Similar	Mention	Mention	
AVAYA VANTAGE K155 port with camera or Similar	Mention	Mention	
AVAYA J139 IP PHONE or Similar	Mention	Mention	
AVAYA J129 IP PHONE or Similar	Mention	Mention	
<b>AVAYA J159 IP PHONE or Similar</b>	Mention	Mention	
<b>AVAYA J179 IP PHONE or Similar</b>	Mention	Mention	
AVAYA J189 IP PHONE or Similar	Mention	Mention	
Avaya existing system IP phone perpetual user license	Perpetual per user license		

3. Network Infrastructure						
Brand:	To be mentioned					
Model:	To be mentioned					
Country of origin:	USA/ EU/ UK (Updated Proof Document Should be Provided)					

Country of manufacture: USA/EU/UK (Updated Proof Document Should be Provided)

Country of Product Shipment: To be mentioned (Updated Shipment Document Should be Provided)

**Country of** Origin & Unit SN **UOM** Part # **Specification Brand Price** Country of Manufacture UTP Cat 6 Cable (LSZH), 305 Meter in a Mention EU/UK/USA Mention Box Mention EU/UK/USA 2 Double Shuttered Face Plate. Mention Nos. Mention EU/UK/USA 3 TX6 Plus Category 6 Modular Jack. Mention Nos. Mention EU/UK/USA 1 M TX 6 Patch Cord (LSZH) .Factory Mention 4 Nos. Tested 1.5 M TX 6 Patch Cord. (LSZH) Factory Mention EU/UK/USA Mention Nos. Tested 3 M TX 6 Patch Cord. (LSZH) Factory Mention EU/UK/USA 8 Mention Nos. Tested Mention EU/UK/USA 5 M TX 6 Patch Cord. (LSZH) Factory 9 Mention Nos. Tested EU/UK/USA Mention TX 6 RJ-45 CAT-6 Connector 10 Mention Nos. 24 Port Patch Panel with TX6 PLUS Mention EU/UK/USA 11 Mention Nos. Category 6 Modular Jack (Loaded). Mention EU/UK/USA Manager Horizontal Wire Manager, front & 12 Mention Nos. rear duct 1U EU/UK/USA Mention Manager Horizontal Wire Manager, front & 13 Mention Nos. rear duct 2U Mention EU/UK/USA RJ-45 CAT-6 Jointer Mention 14 Nos. Mention EU/UK/USA UTP Cat 6A Cable, (LSZH) 305 Meter in a 15 Mention Box EU/UK/USA Mention 1 M TX 6A Patch Cord. (LSZH)Factory 16 Mention Nos. Tested

_				1		
17	1.5 M TX 6APatch Cord. (LSZH) Factory Tested	Mention	EU/UK/USA	Mention	Nos.	
18	3 M TX 6A Patch Cord. (LSZH)Factory Tested	Mention	EU/UK/USA	Mention	Nos.	
19	5 M TX 6A Patch Cord. (LSZH) Factory Tested	Mention	EU/UK/USA	Mention	Nos.	
20	TX6 Plus Category 6A Modular Jack.	Mention	EU/UK/USA	Mention	Nos.	
21	TX 6 RJ-45 CAT-6A Connector	Mention	EU/UK/USA	Mention	Nos.	
	Rack (	6U, 9U, 12U	, 15U)			
	Size: 600 mm (w) x 600 mm (D)					
	Features:					
	Opening direction Front Glass Door.	-				
	Quick release Front and Back doors.					
	Lockable Front & back door.	-				
	Adjustable Mounting Depth.	_				
	Numbered U Position Optimized Width-19"	-				
	Standard.	Totan /				
22	Easy Opening of Side Panels.	Toten / Avanix	Mention	Mention	Nos.	
	Power Distribution Unit (PDU), 6 Port,	- / Wallin				
	220V, –AC ,13A (Clever Toten / Avanix					
	branded)					
	2 Nos. Cooling Fan hidden in the top Shelf.	_				
	One Fix shelf.	4				
	Cage, Nuts & screws.	_				
	Powder Coat Paint finish.	_				
	Color: Black.					
		(22U, 32U, 4	42U)	T	Т	
	Size: 600mm (w) x 1000 mm (D)	_				
	Features:	_				
	Opening direction perforated Front Glass Door.					
	Vented Back Door for efficient Cooling	-				
	effect.	_				
	4 Units Cooling Fan hidden in the top Shelf.					
	3 Power Distribution Unit (PDU), 18 Port,					
	220V, –AC ,13A (Clever Toten / Avanix					
	branded)	-				
	Cable Arrangement Holder.	-				
22	Adjustable Mounting Depth.	Toten /	Mantia	Manti	Non	
23	Lockable Front & Back Door.	Avanix	Mention	Mention	Nos.	
	Quick release Front and Back doors.  Numbered U Position Optimized Width-19"	-				
	Standard.					
	Easy Opening of Side Panels.	1				
	All sides vented on the Top and in the	1				
	Bottom for Air Flow.	_				
	2 Nos. of Trays with venting advantage.	_				
	1no. Of Sliding Rail Tray with venting					
	advantage.	-				
	Cage, Nuts & screws.	-				
	Powder Coat Paint finish.	1		I .		
	Color: Black	<del> </del>				

24	Power Distribution Unit (PDU), 6 Port,	Clever Toten /	Mention	Mention	Nos.	
	220V, –AC ,13A , Square PIN Type	Avanix				
	Structured Cabling Node Installation charge					
	(Dhaka, Savar, Narayanganj, Gazipur): Per					
	Node Installation, which involves PVC Pipe,					
25	Cable, Tray, Flexible pipes, channels &				Node	
	Ladder etc, Group Cutting, Punching,					
	Crimping, Grounding, Rack Dressing,					
	Running of UTP Cables Labeling, Testing.					
	Structured Cabling Node Installation charge					
	(Outside Dhaka): Per Node Installation,					
	which involves PVC Pipe, Cable, Tray,					
26	Flexible pipes, channels & Ladder etc,				Node	
	Group Cutting, Punching, Crimping,					
	Grounding, Rack Dressing, Running of UTP					
	Cables Labeling, Testing.					

# 4. Access Control & Time Attendance System:

#### **Bidders Qualification for Access Control & Time Attendance System:**

- 1. Bidder must have Manufacturer's Authorization Letter to bid the tender
- 2. Bidder must have 3 Years of experience in access control and attendance management business
- 3. Bidder must have the experience to provide similar type of solution to at least Three Banks or financial institutions
- 4. Bidder must have the capacity to provide service of the existing installed access control & attendance device and access manager software.
- 5. Bidder must ensure availability of spare parts for the existing and new installations' devices for further three years.
- 6. Bidder must have the capacity to provide prompt service all around Bangladesh

#### 4.1. Fingerprint/RF/Passcode/Facial Recognized Attendance Terminal:

Features	Required specifications	Bidder's response
Brand	Nitgen	
Model	To be mentioned by the bidder	
Country of Origin	Korea	
User Capacity	Face: 50,000 (1:1)	
	Fingerprint: 100,000 (1:1) (1:N)	
	Card: 100,000	
Log Capacity	10,00,000	
Authentication Mode	SO, NL	
Memory Card	4 GB Nand/8 GB micro SD	
Touch Screen	5 Inch color touch LCD	
CPU	1 GHZ Quad Core	
Authentication Type	Face, Finger, RF, Pin	
Communication	TCP/IP, RS 232, RS 485, Wiegand IN/OUT	
Replay	Lock	
Manufacturer Authorization	From Nitgen	

#### 4.2 Fingerprint/RF/Access Control Terminal:

Features	Required specifications	Bidder's response
Brand	Nitgen	
Model	To be mentioned by the bidder	
Country of Origin	Korea	
User Capacity	Max User: 10,000;	
	Logs: 100,000; Image: 10,000	
Log Capacity	100,000.00	

Authentication Mode	SO, NL	
Display	1.77"Color LCD	
Authentication Type	Fingerprint +card	
Communication	TCP/IP	
Replay	Lock	
Manufacturer Authorization	From Nitgen	

### **4.3 EM Lock for Access Control**

Features	Required specifications	Bidder's response
Brand	To be mentioned by the bidder	
Model	To be mentioned by the bidder	
Country of Origin	To be mentioned by the bidder	
Туре	EM Type	
Holding Force	180 KG	
Electric Volt	12V DC	

### 4.4 Price Schedule including Accessories & Installation Charge:

Items	Quantity	Price
Item: 4.1 Fingerprint/RF/Passcode/Facial Recognized Attendance	01	
Terminal, Brand: Nitgen		
Item 4.2: Fingerprint/RF/Access Control Terminal, Brand: Nitgen	01	
Item: 4.3 EM Lock	01	
Network (LAN) Cable (brand: Draka or Similar (EU/USA	01	
Manufactured), Power Cable (BRB or Similar), PVC Conduits and		
etc		
Necessary accessories such as U Bracket or Z bracket as required	01	
Necessary (if) tempered glass door alignment as installed (Inside	01	
Dhaka District)		
Necessary (if) tempered glass door alignment as installed (Outside	01	
Dhaka District)		
Installation Charge within the periphery of Dhaka District	01	
Installation Charge outside the periphery of Dhaka District	01	
Total		

Name of the Bidder : Designation of the Bidder : Company Name : Business Address : Mobile No. :