



**BANK ASIA LIMITED**

**REQUEST FOR PROPOSAL (RFP)  
FOR  
ROUTER, SWITCH AND FIBER CONNECTIVITY**

**ICT DIVISION**  
68 Purana Paltan, Ranks Tower (8<sup>th</sup> Floor)  
Dhaka-1000



68, Purana Paltan, Ranks Tower (8<sup>th</sup> Floor), Dhaka-1000

### **INVITATION TO BID**

Bank Asia Limited invites tender from bona-fide bidders, proposals to offer “**Routers, Switches and Fiber Connectivity**”. The bidder should be well experienced to complete the task/tasks. Tender should be dropped Bank Asia Limited, Logistic Support & Service Department (LSSD), Corporate Office, RANGS Tower, (6<sup>th</sup> floor), 68, Purana Paltan, Dhaka-1000 on **January 9, 2020 by 3:30 pm**.

### **EXECUTIVE SUMMARY**

Bank Asia has been launched by a group of successful entrepreneurs with recognized standing in the society. The management of the Bank consists of a team led by senior bankers with decades of experience in national and international markets. The senior management team is ably supported by a group of professionals many of whom have exposure in the international market.

It set milestone by acquiring the business operations of the Bank of Nova Scotia in Dhaka, first in the banking history of Bangladesh. It again repeated the performance by acquiring the Bangladesh operations of Muslim Commercial Bank Ltd. (MCB), a Pakistani bank.

In the year 2003 the Bank again came to the limelight with oversubscription of the Initial Public Offering of the shares of the Bank, which was a record (55 times) in our capital market's history and its shares commands respectable premium.

The asset and liability growth has been remarkable. Bank Asia has been actively participating in the local money market as well as foreign currency market without exposing the Bank to vulnerable positions. The Bank's investment in Treasury Bills and other securities went up noticeably opening up opportunities for enhancing income in the context of a regime of gradual interest rate decline.

Bank Asia Limited started its service with a vision to serve people with modern and innovative banking products and services at affordable charge. Being parallel to the cutting edge technology the Bank is offering online banking with added delivery channels like ATM, Tele-banking, SMS and Net Banking. And as part of the bank's commitment to provide all modern and value added banking service in keeping with the very best standard in a globalize world.



ICT Division

68, Purana Paltan, Ranks Tower (8<sup>th</sup> Floor), Dhaka-1000

Till now all Banks are operating their business in Urban and semi urban area leaving large numbers of un-banked rural people. To connect the geographically dispersed population to banking net has started Agent Banking recently through Bank's authorized agent. Bank Asia is the pioneer have successfully introduced Agent Banking all over Bangladesh and more than 3000 Agent Outlets are running around the country.

The agent banking model is one in which banks provide financial services through nonbank agents, such as educated individuals, chain grocery stores, retail outlets, post offices, pharmacies or NGOs. This model allows banks to expand services into areas where they do not have sufficient incentive or capacity to establish a formal branch, which is particularly true in rural and poor areas where as a result a high percentage of people are unbanked.

The term financial inclusion refers to a broad financial system that provides access to financing, mobilization of savings, credit allocation, risk management as well as payment services. Financial inclusion refers to both the adequate provision of services by the financial institutions as well as the appropriate uptake or use of these services by all segments of the population. Although it is just one aspect of financial inclusion, an integrated payment system is a critical component of financial inclusion.

#### SCOPE OF BID

Bank Asia wishes to receive bids from the bona-fide firms for *procuring "Routers, Switches and Fiber Connectivity for Proposed Corporate Office (Tower Bhaban)". The bid includes supply, installation, testing, commissioning, and maintenance of the required products.*

Bidders are required to propose solutions as specified in the technical and financial proposal for implementing **"Routers, Switches and Fiber Connectivity"** at Bank Asia is required to propose their solutions under two envelop system, one for technical proposal and other for financial proposal. Bidders are required to quote for all items and are fully responsible for offered products and implementation of the same as specified in the terms and conditions.

The successful Bidder shall be the Contractor for services that is offered by him and is responsible for the project management and co-ordination of the supply, installation, testing, commissioning, and maintenance for the implementation of the project. The scope of the bid includes design, specification, bill of quantity, and prices of the items as detailed in this document and any other items that deem necessary but not mentioned in this document. The scope will also include the successful bidder to provide standard operating procedure (SOP). The successful bidder has to complete the project as turn-key basis.

**BIDDERS' QUALIFICATION, TERMS & CONDITIONS**

Sealed quotations are invited from the selected reputed vendors for proposed Corporate Office (Tower Bhaban) Network as per following terms and conditions:

1. Sealed quotations for Supply and Installation of Network & Security devices have to submit in the Tender box kept at LSSD, Bank Asia, Corporate Office, 68, Purana Paltan (6th Floor), Dhaka – 1000 on or before 03:30 PM on **January 9, 2020**.
2. The bidders should quote the unit price & total cost both in figure and words and there should not be any cutting/erasing/overwriting.
3. In the price proposal if the values in digits and words differ then the value in words will prevail. Again, if the total value does not match with the calculated value (Unit Price X Quantity) then the total value will be recalculated by multiplying the quantity with the unit price.
4. Emphasis will be given to the quality and technical specification of the item(s). So, Bank is not bound to accept the lowest bid. Bank reserves the right to accept or reject any or all the quotations without arising any reasons whatsoever.
5. The Bank reserves the right to reduce or increase the quantity. The Bank also reserves the right to distribute the work among the bidders or assign it to a single bidder.
6. VAT, Taxes etc shall be deducted from the bill as per approved rate of the National Board of Revenue.
7. If the Tenderer submit any wrong information then the Bank reserves the right to reject their quotation partially or fully.
8. The supplier must obtain formal written work order from the Bank management before supply.
9. The RFP/work order will be automatically cancelled if the requisite terms & conditions are not fulfilled.
10. If the Tenderer fails to give delivery of the items within the stipulated time then for each subsequent week 0.3% penalty will be imposed and shall be deducted from the bill amount.

11. Bidders must submit the following documents along with their offer and their offer would be in their own Letter Head Pad and signed by any authorized persons.

- 5 Years Experience Certificate
- Income Tax Certificate
- VAT Certificate
- Valid Trade License/Memorandum/Article of Company Profile
- Top 5(five) details client list for similar project
- Manufacturing Authorizing letter
- Three ongoing AMC support
- Technical Compliance of specification
- Draft SLA
- Project Implementation Schedule

12. Selected Vendor has to completed installation as per Bank requirement consulting with ICT Division. Low Level and high-level Design with details document have to submit after implementation of the installation. Vendor will be disqualified if any one fails to submit proper technical proposal. Devices configuration have to meet the audit compliance.
13. Vendors have min. 1 certified Cisco professional (CCNP Routing) and 1 Cisco Certified Network Professional Security (CCNP Security) permanent employ. Vendor who has CCIE certified professional, they will get preference.
14. Bidders must submit the description of their support team with the profile of experts for the items they will supply.
15. During implementation phase minimum one IT resource people should be provided by bidder at on-site for smooth function of equipment's for 1 (one) months after UAT.
16. Validity of Price Quotation must be for a minimum of 06 (six) months.
17. Tenderer will have to ensure that their technology and support will be available for next 7 (seven) years.
18. The information provided by the bidders in response to this Tender Document will become the property of Bank Asia and will not be returned.
19. Bank Asia reserves the right to purchase partially, amend, rescind or reissue this Tender Document and all amendments will be advised to the bidders and such amendments will be binding on them.
20. Product warranty will be 03 (three) years with support service.
21. Warranty will be started after UAT

22. Annual Maintenance Contract (AMC) will be started after completion of warranty period. AMC will be applicable for Routers and Switches. AMC including support and services.
23. The bidder should submit “Technical Proposal” and “Financial Proposal” in the separate sealed envelope.
24. Individual Product Part Number should be incorporated with the Technical Proposal. Bidder must submit technical comply sheet.
25. Summery price should be given in the Form – 01 format. Besides this, product wise and part wise detail price offer should be submitted.
26. Bidder must submit earnest money (refundable) equivalent to 2.5% of the quoted value of works of Bank Asia Limited which will be released after UAT the whole products. If bidder fails to deliver all the products the Bank guarantee will be forfeited.
27. The Supplier shall not, without the Bank’s prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of the Bank in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.
28. The Supplier will be entirely responsible for all applicable taxes, duties, levies, charges, license fees in connection with delivery of products at site.
29. No Advance will be paid. Payment shall be made after deducting VAT, Income Tax & other Govt. Taxes (if applicable) from the bill as per Government rule. Payment shall be made in the form of Payment Order in favor of the form(s) only after completion of the work(s) complying with all specifications, terms & conditions. 90% of the bill will be paid after successful implementation of the solution. Rest 10% of total value will be kept as security money and will be disbursed without any interest after completed warranty period. During this period, all complaints will be lodged with the vendor(s) and the vendor(s) must resolve it.
30. Price Negotiation: The Bank may request higher scored bidders in writing to negotiate the price. Representative of the Bidders must have authorization for price negotiation. The highest scoring bidder is not agreed for price negotiation then the second highest scored bidder will be called for price negotiation and so on. Bank will choose the successful bidder, after price negotiation and considering other performance, which are deemed fit to the Bank.
31. Delivery period: Vendor has to deliver all the products within 90 day after receiving workorder.

**TECHNICAL SPECIFICATIONS:**

Line Number	Item Name	Description	Service Duration (Months)	Qty
<b>A. Network Devices</b>				
<b>1.0</b>	<b>WAN Router</b>	Cisco ISR 4431 Sec bundle w/SEC license	---	2
1.0.1		SNTC-8X5XNBD Cisco ISR 4431 Sec b	36	2
1.1		IP Base License for Cisco ISR 4400 Series	---	2
1.2		AC Power Supply for Cisco ISR 4430	---	2
1.3		AC Power Supply (Secondary PS) for Cisco ISR 4430	---	2
1.4		Power Cord Jumper, C13-C14 Connectors, 2 Meter Length	---	4
1.5		8G eUSB Flash Memory for Cisco ISR 4430	---	2
1.6		2G DRAM (1 DIMM) for Cisco ISR 4400 Data Plane	---	2
1.7		Blank faceplate for NIM slot on Cisco ISR 4400	---	4
1.8		Security License for Cisco ISR 4400 Series	---	2
1.9		4G DRAM (1 x 4G) for Cisco ISR 4400	---	2
1.10		Cisco ISR 4400 Series IOS XE Universal	---	2
1.11		4-port Layer 2 GE Switch Network Interface Module	---	2
<b>2.0</b>	<b>Distribution switch</b>	Catalyst 9500 <b>16-port 10Gig switch</b> , Advantage	---	2
2.0.1		SNTC-8X5XNBD Catalyst 9500 16-por	36	2
2.1		C9500 Network Stack, Advantage	---	2
2.2		10GBASE-SR SFP Module	---	24
2.3		<b>Cisco Catalyst 9500 8 x 10GE Network Module</b>	---	2
2.4		950W AC Config 4 Power Supply front to back cooling	---	2
2.5		950W AC Config 4 Power Supply front to back cooling	---	2
2.6		Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors	---	4
2.7		C9500 DNA Premier, 16X Port, Term License	---	2
2.7.0.1		C9500 DNA Premier 12Q/16X / 24Y4C 3Year Term License	36	2
2.8		ISE BASE Term License	---	50
2.8.0.1		ISE BASE Tracker Term 3Y	36	50
2.9		ISE PLS Term License	---	50
2.9.0.1		ISE PLS Tracker Term 3Y	36	50
2.10		StealthWatch 1 FPS Term License	---	50
2.10.0.1		ISE BASE Tracker Term 3Y	36	50
2.11		Prime Infrastructure Lifecycle & Assurance Term - Smart Lic	---	6
2.11.0.1	PI Dev Lic for Lifecycle & Assurance Term 3Y	36	6	
2.12	Network Plug-n-Play Connect for zero-touch device deployment	---	2	
2.13	Cisco Catalyst 9500 XE 16.12 UNIVERSAL	---	2	
<b>3.0</b>		<b>1000 BASE-T SFP transceiver module for Category 5 copper wire</b>	---	8
<b>4.0</b>		10GBASE-CU SFP+ Cable 5 Meter	---	1

<b>5.0</b>	<b>PoE Switch</b>	Catalyst 9200L 48-port PoE+, 4 x 10G, Network Essentials	---	22	
5.0.1		SNTC-8X5XNBD Catalyst 9200L 48-port PoE+, 4 x 10G, Ne	36	22	
5.1		C9200L Network Essentials, 48-port license	---	22	
5.2		1KW AC Config 5 Power Supply - Secondary Power Supply	---	22	
5.3		United Kingdom AC Type A Power Cable	---	44	
5.4		C9200L Cisco DNA Essentials, 48-port Term license	---	22	
5.4.0.1		C9200L Cisco DNA Essentials, 48-port, 3 Year Term license	36	22	
5.5		Cisco Catalyst 9200L Stack Module	---	22	
5.6		Catalyst 9200 Stack Module	---	44	
5.7		Network Plug-n-Play Connect for zero-touch device deployment	---	22	
5.8		1M Type 4 Stacking Cable	---	22	
<b>6.0</b>		<b>NoN PoE Switch</b>	Catalyst 9200L 48-port data, 4 x 10G, Network Essentials	---	22
6.0.1			SNTC-8X5XNBD Catalyst 9200L 48-port data, 4 x 10G, Ne	36	22
6.1	C9200L Network Essentials, 48-port license		---	22	
6.2	125W AC Config 5 Power Supply - Secondary Power Supply		---	22	
6.3	Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors		---	44	
6.4	C9200L Cisco DNA Essentials, 48-port Term license		---	22	
6.4.0.1	C9200L Cisco DNA Essentials, 48-port, 3 Year Term license		36	22	
6.5	Cisco Catalyst 9200L Stack Module		---	22	
6.6	Catalyst 9200 Stack Module		---	44	
6.7	1M Type 4 Stacking Cable		---	22	
6.8	Network Plug-n-Play Connect for zero-touch device deployment	---	22		
<b>7.0</b>	<b>SFP+ Module</b>	10GBASE-SR SFP Module	---	22	



S/N	Part Number	Description	Service Duration (Months)	Qty
<b>B. Fiber</b>				
1	OM3 Fiber 6 core	Unitube Light Armoured Optical Fiber Cable, 6core, Multimode OM3 , Brand: Vivanco,/Panduit/Belden , Country of Origin : EU/USA	Mtr.	2100
2	OS2 Fiber 12 core	Unitube Light Armoured Optical Fiber Cable, 6core,Single Mode,OS2,PE, Brand: Vivanco,/Panduit/Belden , Country of Origin : EU/USA	Mtr.	300
3	12F Fiber Panel MM	12 Port Optical Fiber Patch Panel Multimode SC/LC/FC Loaded. Brand: Vivanco,/Panduit/Belden , Country of Origin : EU/USA	Nos.	11
4	48F Fiber Patch Panel MM	48 Port Optical Fiber Patch Panel Multimode SC/LC/FC Loaded. Brand: Vivanco,/Panduit/Belden , Country of Origin : EU/USA	Pcs	6
5	24F Fiber Panel SM (ISP)	24 Port Optical Fiber Patch Panel Single Mode SC/LC/FC Loaded. Brand: Vivanco,/Panduit/Belden , Country of Origin : EU/USA	Nos.	1
6	12F Wallmount Fiber Panel SM	12 Port Optical Fiber Patch Panel Single Mode Wall Mount SC/LC/FC Loaded. Brand: Vivanco,/Panduit/Belden , Country of Origin : EU/USA	Nos.	2
7	Patch Cord MM	3m LC/PC to LC/PC OM3 50/125Multimode Duplex Fibre Patch Cable. Brand: Vivanco,/Panduit/Belden , Country of Origin : EU/USA	Pcs	50
8	Patch Cord SM	3m LC to LC 9/125 Single Mode Duplex Fibre Patch Cable. Brand: Vivanco,/Panduit/Belden , Country of Origin : EU/USA	Pcs	10
9	Splicing	Fiber Cable Splicing	Nos.	320
10	Cable laying	Fiber Cable Laying	Mtr.	2400
10	PVC Pipe 1.5"	Supply of PVC pipe (Size 1"+1.5"); WATER QUALITY PIPE, Origin: LOCAL	rft	3500
11	Flexible Pipe 1"	PVC Flexible Pipe : 1 inch dia; Origin: Local	rft	400
12	Cable Tray	3/6" MS GI sheet, with accessories	Mtr.	100
13	Accessories	Accessories (Cable Tie, Screw, GI wire, Royal Plug, Royal Bolt, PVC Pipe Jointer, Clump, PVC Tape, Masking Tape, Rivet, High quality Nylon fastener etc.)	LS	1
14	Fluke Test	Fiber cable fluke test	Nos	156

**FORM-1**

**Price Schedule for Tower Bhaban Network**

**Table: Item wise Price Schedule**

S/N	Description & Part No	Device Price			Yearly AMC % after warranty			
		Qty	Unit Price	Total Price	4	5	6	7
1	Router	2						
2	Distribution Switch	2						
3	48-Port Gigabit Ethernet PoE Switch with 10 Gbps up link port	21						
4	48-Port Gigabit Ethernet Non PoE Switch with 10 Gbps up link port	20						
5	10GBASE-SR SFP Module	22						
6	24-Port 10/100 Mbps Ethernet Non PoE Switch	1						
7	6 Core Armored Fiber Cable	2100 Mtr.						
8	12 Core Armored Fiber Cable	400 Mtr.						
9	12F Fiber Patch Panel	11						
10	48F Fiber Patch Panel	6						
11	24F Fiber Panel (ISP)	1						
12	12F Wallmount Fiber Panel	2						
13	Patch Cord 3M	50						
14	Patch Cord 3M	10						
15	Fiber Cable Splicing	320						
16	Fiber Cable Laying	2400 Mtr.						

17	PVC Pipe	3500 rft						
18	PVC Pipe Flexible	400 rft						
19	Cable Tray	100 Mtr.						
20	Accessories	As required						
21	Fluke Test	156						
23	Design, Installation, Configuration, Documentation & UAT	1 set						
Total								

Total Price in words: \_\_\_\_\_ only.

**Note: Quoted price must include VAT, Taxes & all other charges/cost if any associate with.**