



**PUBALI BANK LIMITED**  
**ICT OPERATION DIVISION**  
**HEAD OFFICE, 26 DILKUSHA C/A, DHAKA.**

PBL/HO/ICTOD/QUOTATION/ROUTER/ 116(3)/2022

March 20, 2022

**Notice inviting quotation (2<sup>nd</sup> Time) for procurement of Cisco Router for our Bank.**

Sealed quotations are hereby invited from bonafide Sellers, Traders, Importers for procurement of CISCO Routers for our proposed Online Banks to implement online banking system to our Bank as per following specifications.

**Specification of Router:**

**Item-1:**

Items	Description	Qty
ISR4321-SEC/K9	Cisco ISR 4321 Sec bundle w/SEC license	1
Warranty	3 Years Replacement Warranty	1
SL-4320-IPB-K9	IP Base License for Cisco ISR 4320 Series	1
PWR-4320-AC	AC Power Supply for Cisco ISR 4320	1
CAB-AC-C5-UK	AC Power Cord, Type C5, UK	1
MEM-FLSH-4G	4G Flash Memory for Cisco ISR 4300 (Soldered on motherboard)	1
MEM-4320-4G	4G DRAM for Cisco ISR 4320 (Soldered on motherboard)	1
SL-4320-SEC-K9	Security License for Cisco ISR 4320 Series	1
NIM-BLANK	Blank faceplate for NIM slot on Cisco ISR 4400	1
SISR4300UK9-316S	Cisco ISR 4300 Series IOS XE Universal	1
NIM-ES2-4	4-port Layer 2 GE Switch Network Interface Module	1

**Item-2:**

Non POE Router (Quantity: 01) :C1111-8P	
Item Description	Technical specifications
Brand	Any international reputed Brand
Model	To be mentioned by the bidder
Quantity	1
Country of origin	USA/UK
Performance	Should provide traffic performance 250 Mbps or more
Memory	4 Gb DRAM & 4 GB Flash
Interface	8-port 10/100/1000 Mbps (Ethernet) LAN port, 2 Gigabit Ethernet WAN port
General Features	Should support minimum 50 Mbps Isec performance from day 1 which can be upgrade 150 Mbps if future. Should support static routes, OSPF, BGP Should support LISP, Virtual Private LAN Services (VPLS), L2TPv3, MPLS & Ethernet over MPLS Should support hardware assisted VPN acceleration for crypto performance in future without any hardware change Security: Should support DES, 3DES, VPN compliant IPsec, AES-128 or AES-256 for encryption and RSA (748/2014/2048 bit) and ECDSA (256/384 bit) as authentication protocol in future without any hardware change. Should support PPPoE, Layer 2 Tunneling Protocol Version 3, IPsec based VPN, GRE over Isec VPN, site-to-site, remote access software based VPN over Ipv4 and Ipv6. Should support dynamic failover protocols such as Virtual Router Redundancy Protocol (VRRP;RFC 2338)

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	Network Services: Ipv4, DNS, DHCP client, DHCP Server, DHCP relay & AAA QoS: Packet shaping, Traffic policing, Per-flow queueing, Class-based queueing Should support modular OS on open platform with programmable and automation feature to support software defined WAN (i.e. link optimization, application visibility/detection, traffic load balancing, performance analysis for routing etc.)	
Manufacturer's part number	Bidder should submit BOQ proposed device including the details part numbers and Manufacturer's warranty part number	
Warranty	Manufacturer's warranty part number should be mentioned, minimum 3 (three) years warranty for OEM technical solution support, Patch & New software Upgrade, RMA replacement should be provided for this unit from the date of commissioning.	

### Item-3:

POE Router (Quantity: 01) :C1111-8P		
Item Description	Technical specifications	
Brand	Any international reputed Brand	
Model	To be mentioned by the bidder	
Quantity	1	
Country of origin	USA/UK	
Performance	Should provide traffic performance 250 Mbps or more	
Memory	4 Gb DRAM & 4 GB Flash	
Interface	8-port 10/100/1000 Mbps (Ethernet) LAN port, 2 Gigabit Ethernet WAN port	
General Features	Should support minimum 50 Mbps Ipsec performance from day 1 which can be upgrade 150 Mbps if future. Should support static routes, OSPF, BGP Should support LISP, Virtual Private LAN Services (VPLS), L2TPv3, MPLS & Ethernet over MPLS Should support hardware assisted VPN acceleration for crypto performance in future without any hardware change Security: Should support DES, 3DES, VPN compliant IPsec, AES-128 or AES-256 for encryption and RSA (748/2014/2048 bit) and ECDSA (256/384 bit) as authentication protocol in future without any hardware change. Should support PPPoE, Layer 2 Tunneling Protocol Version 3, IPsec based VPN, GRE over Ipsec VPN, site-to-site, remote access software based VPN over Ipv4 and Ipv6. Should support dynamic failover protocols such as Virtual Router Redundancy Protocol (VRRP;RFC 2338) Network Services: Ipv4, DNS, DHCP client, DHCP Server, DHCP relay & AAA QoS: Packet shaping, Traffic policing, Per-flow queueing, Class-based queueing Should support modular OS on open platform with programmable and automation feature to support software defined WAN (i.e. link optimization, application visibility/detection, traffic load balancing, performance analysis for routing etc.)	
Manufacturer's part number	Bidder should submit BOQ proposed device including the details part numbers and Manufacturer's warranty part number	
Warranty	Manufacturer's warranty part number should be mentioned, minimum 3 (three) years warranty for OEM technical solution support, Patch & New software Upgrade, RMA replacement should be provided for this unit from the date of commissioning.	

### Terms and conditions:-

- 1) The offer must be submitted through "**Offering Sheet**" enclosed with the schedule.
- 2) Bidder must be an authorized distributor/reseller of the product.
- 3) In case of any trouble with the Router function/parts within the warranty period (Three years) the supplier shall have to replace/repair the Router within 24(twenty four) hours. In case of failure of the supplier, the Bank shall have the right to get the replacement or repairing works done by other agency at

the cost of the supplier. Such costs will be recovered from the supplier and the supplier shall have no objection to it.

- 4) **10% (ten percent) of the bill amount** will be retained as Security Money which will be paid to the supplier after expiry of the warranty period at the satisfaction of the purchaser.
- 5) **Payment of the bills** will be made from ICT Operation Division, Head Office, after delivery of the same to the Branches/Offices as per terms of the Supply Order.
- 6) **All Tax, Vat, Govt. Duties etc.** will be deducted from the bill as per rule prior payment of the same.
- 7) **Successful bidder** must ensure delivery of Routers **within 15(fifteen) days** of getting work order.
- 8) The authority reserves the right either to accept or to reject all or any offer without assigning any reason.
- 9) Bank is not bound to accept the lowest Quotation. To be successful in the bid, quality of the offered items, financial capability, reputation etc. of the firm as assessed by the Bank are the prime factors for consideration.
- 10) Photocopy of Trade License, TIN Certificate, VAT registration Certificate(if any), Financial Solvency Certificate (if any), Appreciation letter, Major client List and Company profile to be submitted with the Quotation.

Offer / Bid to be dropped in the Tender Box kept in **Establishment Division, Pubali Bank Limited, Head Office, 12<sup>th</sup> Floor, 26 Dilkusha C/A, Dhaka by 11-00 a.m. up to 03-04-2022** which will be opened on the same day at 11.30 a.m. in presence of the bidders present (if any).

Sd/-  
**(Md. Aminul Islam)**  
**Asst. General Manager**

Sd/-  
**(Md. Helal Uddin)**  
**GM & Division Head**

CC TO : The Member Secretary, Purchase Committee, Pubali Bank Ltd., Head Office, Dhaka for information and necessary action.

CC TO : Notice Board, Pubali Bank Ltd., Head Office, Dhaka .

CC TO : [www.pubalibangla.com](http://www.pubalibangla.com)

  
**Asst. General Manager**

  
**GM & Division Head**

# OFFERING SHEET

Procurement of Cisco Router for Pubali Bank Ltd.

(To be submitted along with the offer)

**Name of Tenderer:**

**Address:**

**Item-1:**

Items	Description	Qty	Unit Price (Including VAT & TAX)	Total Price (Including VAT & TAX)
<b>ISR4321-SEC/K9</b>	Cisco ISR 4321 Sec bundle w/SEC license	1		
Warranty	3 Years Replacement Warranty			
SL-4320-IPB-K9	IP Base License for Cisco ISR 4320 Series	1		
PWR-4320-AC	AC Power Supply for Cisco ISR 4320	1		
CAB-AC-C5-UK	AC Power Cord, Type C5, UK	1		
MEM-FLSH-4G	4G Flash Memory for Cisco ISR 4300 (Soldered on motherboard)	1		
MEM-4320-4G	4G DRAM for Cisco ISR 4320 (Soldered on motherboard)	1		
SL-4320-SEC-K9	Security License for Cisco ISR 4320 Series	1		
NIM-BLANK	Blank faceplate for NIM slot on Cisco ISR 4400	1		
SISR4300UK9-316S	Cisco ISR 4300 Series IOS XE Universal	1		
<b>NIM-ES2-4</b>	4-port Layer 2 GE Switch Network Interface Module	1		
<b>Total Price</b>				

**Item-2:**

Non POE Router (Quantity: 01) :C1111-8P		Qty	Unit Price (Including VAT & TAX)	Total Price (Including VAT & TAX)
Item Description	Technical specifications			
<b>Brand</b>	Any international reputed Brand			
Model	To be mentioned by the bidder			
Quantity	1			
Country of origin	USA/UK			
Performance	Should provide traffic performance 250 Mbps or more			
Memory	4 Gb DRAM & 4 GB Flash			
Interface	8-port 10/100/1000 Mbps (Ethernet) LAN port, 2 Gigabit Ethernet WAN port			

General Features	<p>Should support minimum 50 Mbps Ipsec performance from day 1 which can be upgrade 150 Mbps if future.</p> <p>Should support static routes, OSPF, BGP</p> <p>Should support LISP, Virtual Private LAN Services (VPLS), L2TPv3, MPLS &amp; Ethernet over MPLS</p> <p>Should support hardware assisted VPN acceleration for crypto performance in future without any hardware change</p> <p>Security: Should support DES, 3DES, VPN compliant IPsec, AES-128 or AES-256 for encryption and RSA (748/2014/2048 bit) and ECDSA (256/384 bit) as authentication protocol in future without any hardware change.</p> <p>Should support PPPoE, Layer 2 Tunneling Protocol Version 3, IPsec based VPN, GRE over Ipsec VPN, site-to-site, remote access software based VPN over Ipv4 and Ipv6.</p> <p>Should support dynamic failover protocols such as Virtual Router Redundancy Protocol (VRRP;RFC 2338)</p> <p>Network Services: Ipv4, DNS, DHCP client, DHCP Server, DHCP relay &amp; AAA</p> <p>QoS: Packet shaping, Traffic policing, Per-flow queueing, Class-based queueing</p> <p>Should support modular OS on open platform with programmable and automation feature to support software defined WAN (i.e. link optimization, application visibility/detection, traffic load balancing, performance analysis for routing etc.)</p>			
Manufacture's part number	Bidder should submit BOQ proposed device including the details part numbers and Manufacturer's warranty part number			
Warranty	Manufacturer's warranty part number should be mentioned, minimum 3 (three) years warranty for OEM technical solution support, Patch & New software Upgrade, RMA replacement should be provided for this unit from the date of commissioning.			

**Item-3:**

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Item Description	Technical specifications			
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Model	To be mentioned by the bidder			
Quantity	1			
Country of origin	USA/UK			

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**Authorised Signature**