



PBPLC/HO/COD/TENDER/১৫৫/২০২৪

15 January 2024

Notice Inviting Quotation for Supply, Installation and Commissioning of Payment Hardware Security Module (HSM) at our Bank.

Sealed Quotation is hereby invited from bonafide vendor to purchase **Payment Hardware Security Module** for our Bank as per terms & conditions stated below:

- A. Name of Company :
B. Address :
C. Contact Person :
D. Telephone No. :
E. E-mail address :
F. Strength of the bidder :
✓ Experience : Please mention the experience of supplying HSM in commercial Bank/any reputed organization and Copies of related certificate (Proper evidence need to be submitted).
✓ After sale & service facility : Please mention.

Business Requirements:

Sl.	Product Name	Quantity (pcs.)
1	Payment Hardware Security Module (HSM)	02

Terms and Conditions:

- Eligibility of the bidder:**
 - The bidder or the principal should have adequate experience of undertaking for supplying Payment HSM at scheduled banks/ any reputed organization in Bangladesh.
 - The bidder should have an adequate number of trained personnel for the related work at our Bank.
 - The bidder must inform the Bank about the source of supply of required HSM and Bank reserves the right to reject the bid in case the source of supply is not disclosed.
- The offer must be submitted through “**Financial Offer & Technical Offer**” enclosed with this notice.
- The total amount is to be quoted both in figures and in words properly in BDT including all types of Taxes and VAT as per prevailing government rules and any kind of charge thereof.
- The amount for **Tender Security i.e; 2.5% of the Bid value** which will be in the form of a **Payment Order** in favour of Pubali Bank PLC. or **Bank Guarantee** of the same amount will be accepted. Tender security will be refunded to the unsuccessful bidders. **Performance security is 10%** (Ten percent) for successful bidder which will be accepted in form of Bank Guarantee and will be retained for 01 (One) year on award of order.

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পূবালী ব্যাংক পিএলসি.
PUBALI BANK PLC.

CARD OPERATION DIVISION
A-A Bhaban (3rd Floor), 23, Motijheel C/A, Dhaka-1000
Telephone: +8802-9512035, 9512051, 9512061
card@pubalibankbd.com | www.pubalibangla.com

5. Failing to supply required item within the given time of work order, each week delay will charge 2% of total work order amount as penalty and will be deducted from final payment.
6. In the event of supply any technical specifications which does not matches with the tender offer/work order, the bank reserves the right for outright rejection of the goods and the supplier will have to take back those at their own cost and will replace with bank demand.
7. Payment of the bills will be made from Card Operation Division, Head Office through Payment Order, after successful delivery of Banks' requirement and also fulfill all other terms & conditions of the work order.
8. Necessary VAT & TAX will be deducted from the bill as per prevailing government rules prior payment of the same.
9. Bank is not bound to accept the lowest Quotation. To be successful in the bid, quality of the offered items, financial capability and reputation etc. of the tenderer as assessed by the Bank are the prime factors for consideration. The authority reserves the right either to accept or to reject all or any offer without assigning any reason.
10. Photocopy of Trade License, TIN Certificate, VAT registration Certificate (BIN), Financial Solvency Certificate, Major client List and Company profile to be submitted with the Quotation.

Sealed quotations (Technical and Financial offers in envelopes) have to be submitted in the Tender Box kept at the Pubali Bank PLC., **Establishment and General Services Division** (12th floor), 26 Dilkusha C/A, Dhaka-1000 on or before the **31st January 2024 by 11.00 am** which will be **opened** on the same day at **11.30 a.m.** in presence of the bidders present (if any).

Sd/-
(Anindita Roy)
Senior Principal Officer (Computer)

Sd/-
(Ashim Kumar Roy)
GM & Division Head

Copy forwarded to:

1. The Member Secretary, Purchase Committee, Pubali Bank PLC., Head Office, Dhaka for information and necessary action.
2. Notice Board, Pubali Bank PLC., Head Office, Dhaka.
- ✓ 3. The Division Head, Pubali Bank PLC., ICT Operation Division, Head Office, Dhaka for information with request to publish the same in the Bank's website.


Senior Principal Officer (Computer)


GM & Division Head



Financial Offer

1. Name of the Company :
2. Pricing details :

Sl.	Product Name	Quantity (pcs.)	Unit Price (including VAT & Tax)	Total Price (including VAT & Tax)
1	Payment Hardware Security Module (HSM)	02		

The full specification of the item is as per Technical Offer.

Grand Total in word: TakaOnly.

We will comply all the above terms of delivery and payment mentioned here.

Seal & Signature
With Name of the participating vendor



Technical Specification for HSM

Sl.	Technical Specification for HSM	Compliance (Yes/No/Specify)
1	Model	
2	Manufacture	
3	Country of Origin	
4	Speed: Minimum 25 CPS	
5	General Aspects	
	The proposed payment HSM should have dual hot swappable power supply and fans, dual TCP/IP interface and should have at-least 2 NICs Ports with Port bonding capability from day one to ensure the 100% availability.	
	The proposed payment HSM must be FIPS 140-2 Level 3 and PCI PTS v3 certified	
	Capable of translating up to at least 70 PIN triple DES/AES Pin blocks Per Second.	
	The proposed payment HSM should support following Crypto Graphic Standard: AES, DES and Triple DES Algorithms - Provide PIN encryption, PIN Authorization and message authentication capabilities.	
	Shipment of the payment HSM should be compliant as per PCI HSM requirement.	
6	Management facilities:	
	Describe about GUI/CLI	
7	Key Managements:	
	Key Block support (superset of ANSI X9.24) or Higher, DUKPT (DES and Triple-DES) Support	
8	Security features:	
	FIPS approved Random number generator	
	Detection of cover removal in addition to Alarm triggers, voltage and temperature.	
	Device hardening - ability to disable functions not required by the host application	
9	Key Features:	
	Logs and reporting of system, activity and access logs of host and console	
	Secure Key Storage and Generation for all key types used	
	PIN never appears in the clear outside of a tamper resistant security module as per PCI PIN security requirements.	
	Key Entry Mechanism is protected as per PCI HSM 3.0 requirements.	
	True Remote management feature should support key custodians that are geographically dispersed and working independently of one another for authentication & Key Quorum activities.	
10	Safety Compliances: UL/CUL, CE, TUV, BIS, BSMI, SII.	
11	Environmental: RoHS, REACH	
12	Financial services standards	
	ISO: 9564, 10118, 16609	
	ANSI: X3.92, X9.8, X9.9, X9.17, X9.19, X9.24, X9.52	
	ASC X9 TR-31, X9 TG-3/TR-39	

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Sl.	Technical Specification for HSM	Compliance (Yes/No/Specify)
13	Other Features	
	Should provide premium package with legacy command features	
	Must have strong separation of administration and operator roles like Audit trials with User access controls (ACL) should be available	
	Should support cryptographic separation of application keys using true physical partitions only.	
	Must support M of N multi-factor authentication	
	Hash/message digest: SHA-1, SHA-2 (224,256,384,512 bit)	
	Support remote administration – including adding applications, updating firmware, and checking status from centralized Location	
	Form Factor - 1U 19” rack mount – standard wide rack mountable with rail kit adjustable depth, physically fortified, double-locking bezel, Medeco pick-resistant locks	
14	Common Uses – Should support following common uses	
	PIN Routing	
	Point to Point Encryption (P2PE)	
	PIN and EMV cryptogram validation	
15	Card/Mobile payment support – should support the needs of leading payment brands (JCB, VISA, MasterCard, UnionPay, American Express etc.) in number of areas.	
	PIN and card verification functions for all major payment brands	
	EMV transaction authorization and messaging	
	Mobile payment transaction authorization and messaging	
	Remote key loading for ATM and POS devices	
	Local/Global key Management	
	PIN generation and printing	
	Should have option to Operate from Remote Console and GUI	
	Perform operational activities in secure manner like Authorization, Key Generation, Changing HSM parameters	
16	Logical Security	
	Strongest security settings implemented by default	
	Audit logs with user control over the scope of events recorded	
17	Training	
	Successful bidder will train up Banks’ officials on their proposed HSM	

Seal & Signature
With Name of the participating vendor