



Social Islami Bank Limited

Logistic Support Division
Level 29, City Center
90/1, Motijheel C.A, Dhaka

REQUEST FOR PROPOSAL (RFP)(Revised)

Procurement and implementation of Server, Rack & Security equipment for integration with Interoperable Digital Transaction Platform (IDTP) of Bangladesh Bank.

Tender ref. SIBL/HO/LSD/2021/1057

Date: 14/09/2021

Name of the bidder:

Address of the bidder:

Date & Time of Submission of proposal: 17.10.2021 from 10.00 am to 3.00 pm.

Date & Time of Opening of technical proposal: 17.10.2021 at 3:30 pm.

Tender Security: Taka 4.0 lac only in the form of Payment Order favoring SIBL.

Name and address of the Official Inviting & Receiving Tender:

Vice President & Head
Logistic Support Division
Social Islami Bank Limited
Level-29, City Centre,
90/1 Motijheel C/A, Dhaka-1000
[E-mail: chspd@sibl-bd.com](mailto:chspd@sibl-bd.com)
[Phone: 09612001122 Ext. 50292 & 50299](tel:09612001122)

1. Introduction

Social Islami Bank Limited (SIBL) has its prosperous past, glorious present, prospective future and under processing projects and activities. Established as the first private sector bank fully owned by Bangladeshi entrepreneurs, SIBL has been flourishing as the pioneer private sector Bank with the passage of time after facing many stress and strain. The members of the board of directors are creative businessmen and leading industrialists of the country. To keep pace with time and in harmony with national and international economic activities and for rendering all modern services, SIBL, as a financial institution, automated all its branches with core banking system in accordance with the competitive commercial demand of time. Moreover, considering its forth-coming future, the infrastructure of the Bank has been rearranging. The expectation of all class businessmen, entrepreneurs and general public is much more to SIBL. At present we have 168 branches and 79 sub-branches under our branch network. In addition, our effective and diversified approach to seize the market opportunities is going on as continuous process to accommodate new customers by developing and expanding the digitization of its services.

2. Scope

This document constitutes a formal **Request for Proposal for Procurement and implementation of Server, Rack & Security equipment for integration with Interoperable Digital Transaction Platform (IDTP) of Bangladesh Bank** in the Bank as per the functional and Technical requirements given in this RFP.

3. Instruction to Bidders

The request for proposal is consists of 03 (Three) items and the Bidder have to participate in the tender for all items or any of the Item but not any sub items. SIBL reserves the right to reject any or all proposals, to waive any informality or technical defect in the proposals, or to award the contract in whole or in part, if deemed to be in the best interest of the Bank to do so.

Successful bidder must follow Bangladesh Bank's Guideline for Scheduled Banks and Financial Institutions, during device/software configuration and implementation.

4. Bidder Qualifications

- The bidder should be a company registered and working in Bangladesh having long business track in the same type of business for which it is submitting the RFP and shall have the nationality of the People's Republic of Bangladesh.
- The bidder should be a manufacturer/partner/distributor/ of participated items. A copy of the necessary certification to be enclosed.
- The bidder should be authorized to participate in this tender. A copy of the necessary authorization letter to be enclosed.
- No association or consortium is allowed.
- Minimum Five (05) years of experience in selling proposed/similar Server and Storage. A proof of the necessary experience to be enclosed.
- Bidders shall have necessary financial capabilities to perform the contract, its business activities shall not be suspended, and it shall not be the subject of legal proceedings for any of the foregoing.
- The bidder shall not be under a declaration of ineligibility for corrupt, fraudulent, collusive or coercive practices.
- The bidder should have capability to provide after sales support for given solutions.
- Bidder must have certified engineer for offer product. A copy of the necessary certification to be enclosed.

5. Tender Submission Method:

Technical and Financial proposal should be submitted by the bidder in separate envelopes signed and sealed by the authorized personnel of the bidder organization. **Technical Offer will contain exhaustive and comprehensive information about proposed solution and details Bill of Material & Services without pricing, whereas the Financial Offer will contain the details item wise price breakup & Services with pricing information.** Sealed proposal must include (1) original and one (1) electronic copy on a CD/DVD/Flash Drive in MS-Word format. The envelopes should be marked as "Technical Proposal" and "Financial Proposal" and the name of the Bidder should be clearly marked on the envelope.

Time & date of submission: **Up to 4:00 pm as on July 08, 2021.** The sealed tender must be submitted in the tender box kept in the IT Division, Level-19, SIBL Corporate Office, 90/1, Motijheel, Dhaka mentioning "RFP for Procurement and implementation of Server & Security equipment for integration with Interoperable Digital Transaction Platform (IDTP) of Bangladesh Bank".

6. Amendment to the RFP

At any time prior to the deadline for submission of RFP response, the Bank may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, amend the RFP. Amendments will be provided in the form of an addendum to the RFP and will be sent in writing or e-mail to all prospective bidders who have received the RFP and will be binding for them. It will be assumed that amendments contained in such addendums have been taken into consideration by the bidders in their response

7. Bank Authority rights

The Bank reserves the right to reject any or all proposals without showing any reason and shall not be under any obligation to accept the lowest quotation. The authority reserves the right to relax, change or drop any of the terms and conditions of the schedule without any further notice.

8. Delivery, Installation and Commissioning

The successful bidder shall ensure the delivery of all devices/Products within Ninety (90) days from the date of work order and installation, configuration and testing by next twenty (20) days of successful delivery. Days will be counted from the date of placement of order by SIBL to the successful bidder.

9. Delay Penalty

For any delay in delivery and implementation of the system solely due to failure on the part of the BIDDER, the BIDDER will be subject to penalty charges of 0.5% per week.

10. Order Cancellation

Social Islami Bank Ltd reserves its right to cancel the order, entirely or partially, in the event of one or more of the following situations:

- Delay in delivery beyond the specified period for delivery
- Delay in installation beyond specified date of installation.

11. Quoted Price:

All quoted Total Price/Amount should include delivery, installation, testing and training cost and AIT, Vat, Tax and Other Duties applicable as per Govt. rules and Bank Policy. All prices shall be quoted in Bangladesh Taka (Tk.) and the payment will be made in BDT to the successful bidders. Financial Offer must contain detail item wise price. AMC price must be mentioned with the offer according to the Schedule of Financial Proposal including VAT, Tax and other Govt. Charges. The price quoted in the financial bids would be considered as the final price for evaluation. However, BANK reserves the right to negotiate with any vendor for downward revision in the price.

12. Warranty/Support/AMC:

- Warranty period will start from the date of commissioning and POST of the purchased server/storage.
- The SLA will have to be signed between Bank and successful vendor to ensure smooth support during warranty period. The bidder has to provide draft SLA covering Bangladesh Bank ICT guide line SLA clauses to cover the Warranty period support along with the offer

13. Deliverables with Bidding Documents

Following documents must be provided with other bidding documents:

- Authorization letter for signatory authority
- Manufacturer Authorization
- List of the owners of the firm/ partnership/ directors of the company.
- Audited Annual Report for the last financial year.
- Valid Trade License.
- TIN certificate.
- VAT registration certificate to be submitted.
- Authorized partnership/distributorship certificate of manufacturer.
- List of professional for maintenance and service.
- List of major clients in Financial Institutions and copies of certificates issued by such financial institutions regarding supply, installation and configurations of quoted Hardware/software to such financial institutions.
- Project Implementation Plan
- UAT plan
- Bill of Materials (BoM) of offered products.

14. Language of RFP response

All response of RFP, supporting documentation as well as all correspondence and documents relating to the RFP must be in the English language only.

15. Validity of Bids:

Bids shall remain valid, at a minimum, for the period of 60 Days after the deadline date for bid submission.

16. Clarification of Bids:

Please send query by mail to chspd@sibl-bd.com minimum three (03) days before deadline date of bid submission. Responses will be sent to all parties.

17. Disqualification of RFP response

- Non-compliance of the eligibility criteria
- Non-acceptance of complete Terms and Conditions of RFP
- The RFP is received in incomplete form
- The RFP is received after last date or time
- Information submitted in the technical offer is found to be misrepresented, incorrect or false, accidentally, unwillingly or otherwise, at any time during the processing of the contract (no matter at what phase) or during the tenure of the contract including the extension period if any;

18. Payment Terms

The terms of payment will be as under:

- 70% after successful Delivery of the Products.
- 30% after successful installation and commissioning and against submission of 10% Performance guarantee for warranty period.

The bidder should submit the bill with following documents:

- Two Original copies of Bill
- Duplicate copy of Delivery Challan
- Copy of Work Order
- Certificate of installation and acceptance, signed by ICT Division to claim the installation bill VAT, Income Tax and others charges shall be realized from the bill amount as per government rules and Bank's policy.

BANK'S PROJECT REPRESENTATIVE:

All technical coordination and project management for the Bank shall be through the following contact designated as the Project Representative given below:

Please contact with the following personnel for further clarification:

Name and Designation	Email ID	IP Number
Vice President & Head of LSD	chspd@sibl-bd.com	Phone: 09612001122 Ext.: 50292 & 50299

TECHNICAL SPECIFICATION

The detailed functional specifications are given hereunder. All the requirements are mandatory. Bidder shall indicate in column 3 the availability of each requirement as a standard product (S).

All the Functionalities are Mandatory and should be available in the offered solution as standard product. In case any of these are not offered as standard product, the bid may be made non-responsive.

Technical requirements summary:

Items	Qty
Item 1: Intel Server – ICP Server	02
Item 2: Intel Server – ICP Database and Log Server	01
Item 3: Hardware Security Module (HSM)	02
Item 4: Rack	01

Item# 1

Technical Specifications for Intel Server for ICP

Quantity: 2

SL	Item Name	Detail Required Specification	Bidder response
1	Brand	To be mentioned by Bidder. Must be in the top three OEM for the last 5 years in terms of revenue and shipment.	
2	Quality	ISO 9001: 2015 for manufacturer, FCC Class A for quality assurance.	
3	Model	To be mentioned by the bidder	
4	Country of origin	To be mentioned by the bidder	
5	Manufacturing Country	To be mentioned by the bidder	
6	Form Factor	2U Rack Mountable Server with Rail Kit, Cable Management and Bezel Kit.	
7	Processors	Should be provided with 2 x Intel Xeon Silver 4216 (16-Core; 2.1GHz; 100W)	
8	Cache L3	Minimum 22MB of L3 Cache	
9	Chipset	Intel C621 Chipset or higher	
10	Internal HDD	Min. 4x 800GB SSD SAS Mixed Use SFF (2.5in) hot-plug HDD Should be provided with 8 SFF drive bay kit. HDD expandability up to 30.	
11	Storage array controller	Integrated SAS/SATA/SSD/NVMe controller with 2GB flash backed cache supported RAID level 0, 1, 5, 6, 10, 50. Array backup battery should be provided with necessary cabling.	
12	Memory	256GB (8x 32GB dual-rank) DDR4 R-DIMM should be provided. Expandability up to 6TB using persistent memory. Min. 24 DIMM slots	
13	Remote management	Integrated remote management capability with dedicated network connection supporting GUI. Should be delivered with the below features- <ul style="list-style-type: none"> • Silicon root of trust • Single sign-on & 2-factor authentication • Remote firmware update • Agentless management • FW supply chain attack detection • Remote system logs • Remote console • Virtual media 	
14	Power supply unit	Redundant; min. 2x 800W power supply kit should be provided.	
16	Network & FC Card	The rack server should support Converged Network Adapter or FCoE adapter, which aggregates both the Ethernet and FC connectivity on a single controller Shall be provided with at least 2 x dual-port 1/10GbE Base-T Adapter & 1x 2-port 1GbE NIC. Shall be offered with minimum. Three (03) PCIe 3.0 Slots. Supports up to 8 PCIe 3.0 slots.	
17	Server Management	Offered software shall support and provided with dashboard view to quickly scan the managed resources to assess the overall health of the data center. It shall provide an at-a-glance visual health summary of the resource's user is authorized to view. Shall be from same hardware OEM. Offered server management Dashboard shall display a health summary of the following: <ul style="list-style-type: none"> • Server Profiles 	

		<ul style="list-style-type: none"> • Server Hardware • Appliance alerts 	
		Systems Management software should support Role-based access control	
		Management software should support integration with popular virtualization platform management software like vCenter, and SCVMM	
		Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD.	
		Should provide an online portal that can be accessible from anywhere. The portal should provide one stop, online access to the product, support information and provide information to track warranties, support contract and status. The Portal should also provide a Personalized dashboard to monitor device health, hardware events, contract and warranty status. Should provide a visual status of individual devices and device groups. The Portal should be available on premise (at our location - console based) or off premise (in the cloud).	
		Should help to proactively identify out-of-date BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components.	
18	DVD Drive	Shall be provided with factory integrated internal DVD-RW with optical media bay kit.	
19	Installation services, manage & control	Shall have continuous, proactive health monitoring and recording of required system parameters as well as diagnostic telemetry data on a 24x7 basis.	
20	Warranty & services	3-yrs collaborative warranty with 24x7 mission critical one-point support from OEM.	
		15-minute response 24x7 for severity 1 incidents (direct connect to product specialist where available) and 2-hour standard response (Basic service level).	
		4-hour onsite response time for hardware issue. Supporting service-related document should provide.	
		Warranty support SKU and datasheet with the detail BoQ and sizing document should be provided with the technical compliance document.	
21	MAL	OEM authorised MAL should be provided	

Item# 2

Technical Specifications for Intel Server – ICP Database and Log Server

Quantity: 1

SL	Item Name	Detail Required Specification	Bidder response
1	Brand	To be mentioned by Bidder. Must be in the top three OEM for the last 5 years in terms of revenue and shipment.	
2	Quality	ISO 9001: 2015 for manufacturer, FCC Class A for quality assurance.	
3	Model	To be mentioned by the bidder	
4	Country of origin	To be mentioned by the bidder	
5	Manufacturing Country	To be mentioned by the bidder	
6	Form Factor	2U Rack Mountable Server with Rail Kit, Cable Management and Bezel Kit.	
7	Processors	Should be provided with 2 x Intel Xeon Gold 6252 (24-Core; 2.1GHz; 150W)	

8	Cache L3	Minimum 35.75MB of L3 Cache	
9	Chipset	Intel C621 Chipset or higher	
10	Internal HDD	Min. 4x 1.92TB SSD SAS Mixed Use SFF (2.5in) hot-plug HDD Should be provided with 8 SFF drive bay kit. HDD expandability up to 30.	
11	Storage array controller	Integrated SAS/SATA/SSD/NVMe controller with 2GB flash backed cache supported RAID level 0, 1, 5, 6, 10, 50. Array backup battery should be provided with necessary cabling.	
12	Memory	Min. 512GB (16x 32GB dual-rank) DDR4 R-DIMM should be provided. Expandability up to 6TB using persistent memory. Min. 24 DIMM slots	
13	Remote management	Integrated remote management capability with dedicated network connection supporting GUI. Should be delivered with the below features- <ul style="list-style-type: none"> • Silicon root of trust • Single sign-on & 2-factor authentication • Remote firmware update • Agentless management • FW supply chain attack detection • Remote system logs • Remote console • Virtual media 	
14	Power supply unit	Redundant; min. 2x 800W power supply kit should be provided.	
16	Network & FC Card	The rack server should support Converged Network Adapter or FCoE adapter, which aggregates both the Ethernet and FC connectivity on a single controller Shall be provided with at least 2 x dual-port 1/10GbE Base-T Adapter & 1x 2-port 1GbE NIC. Shall be offered with minimum. Three (03) PCIe 3.0 Slots. Supports up to 8 PCIe 3.0 slots.	
17	Server Management	Offered software shall support and provided with dashboard view to quickly scan the managed resources to assess the overall health of the data center. It shall provide an at-a-glance visual health summary of the resource's user is authorized to view. Shall be from same hardware OEM. Offered server management Dashboard shall display a health summary of the following: <ul style="list-style-type: none"> • Server Profiles • Server Hardware • Appliance alerts Systems Management software should support Role-based access control Management software should support integration with popular virtualization platform management software like vCenter, and SCVMM Should help provide proactive notification of actual or impending component failure alerts on critical components like CPU, Memory and HDD. Should provide an online portal that can be accessible from anywhere. The portal should provide one stop, online access to the product, support information and provide information to track warranties, support contrast and status. The Portal should also provide a Personalized dashboard to monitor device health, hardware events, contract and warranty status. Should provide a visual status of individual devices and device groups. The Portal should be	

		available on premise (at our location - console based) or off premise (in the cloud).	
		Should help to proactively identify out-of-date BIOS, drivers, and Server Management agents and enable the remote update of system software/firmware components.	
18	DVD Drive	Shall be provided with factory integrated internal DVD-RW with optical media bay kit.	
19	Installation services, manage & control	Shall have continuous, proactive health monitoring and recording of required system parameters as well as diagnostic telemetry data on a 24x7 basis.	
20	Warranty & services	3-yrs collaborative warranty with 24x7 mission critical one-point support from OEM.	
		15-minute response 24x7 for severity 1 incidents (direct connect to product specialist where available) and 2-hour standard response (Basic service level).	
		4-hour onsite response time for hardware issue. Supporting service-related document should provide.	
		Warranty support SKU and datasheet with the detail BoQ and sizing document should be provided with the technical compliance document.	
21	MAL	OEM authorised MAL should be provided	

Item# 3

Technical Specifications for Hardware Security Module (HSM)

Quantity: 2

SL	Item Name	Detail Required Specification	Bidder response
	Quantity	1 (One) DC + 1 (One) DR= 2 (Two) Total	
1	Brand	THALES	
2	Model	Thales Luna PCI-E Hardware Security Modules (HSMs) A750	
3	Country of Origin	<< Please Mention >>	
4	Country of Assemble / Manufacture	<< Please Mention >>	
5	Form factor	<< Please Mention >>	
6	Supported Operating Systems	Windows, Linux, Solaris, AIX	
7	API Support	PKCS#11, Java (JCA/JCE), Microsoft CAPI and CNG, Open SSL	
8	Cryptographic	>> Full Suite B support >> Asymmetric: RSA, DSA, Diffie-Hellman, Elliptic Curve Cryptography (ECDSA, ECDH, Ed25519, ECIES) with named, user-defined and Brainpool curves, KCDSA >> Symmetric: AES, AES-GCM, Triple DES, DES, ARIA, SEED, RCS, RC4, RC5, CAST >> Hash/Message Digest/HMAC: SHA-1, SHA-2, SM3 >> Key Derivation: SP800-108 Counter Mode >> Key Wrapping: SP800-38F >> Random Number Generation: FIPS 140-2 approved DRBG (SP 800-90 CTR mode), complying with BSI DRG.4	
9	Security Certifications	FIPS 140-2 Level 3 – Password FIPS 186-4	

10	Host Interface	PCI-Express CEM 3.0, PCI, PCI Express Base 2.0	
11	Safety & Environmental Compliance	UL, CSA, CE >> FCC, CE, VCCI, C-TICK, KC MARK >> RoHS2, WEEE	
14	Key Generation and Storage	Ability to generate and Store RSA keys (2048 and 4096) on board on demand. All Keys must be stored and protected inside its FIPS 140-2 level 3 certified cryptographic memory of HSM at all times.	
15	Key Backup	Contents can be securely stored on backup device to simplify backup, cloning and disaster recovery. Should have ability to do backup and restore on FIPS compliance devices only	
16	Accessories	Required related accessories	
17	Licensing for Partitions	To be mentioned.	
19	Warranty	At least 3 years 24x7 of comprehensive on site with full labor, parts & replacement warranty must be included for Hardware and Software.	

***** Qualification Criteria for the bidders of HSM solution**

The bidder shall have a minimum of 5(Five) years of overall experience in the supply of goods and related services which shall be substantiated by attested copies of Trade Licenses for last 5(Five) years, issued by statutory authority, latest Tax Clearance Certificate and VAT Registration Certificates. Bidder must submit completion certificate from the respective purchaser(s) mentioning amount along with work order/contract as proof of experience.

The bidder shall have successfully completed minimum 05 (five) number supply contract of similar goods and related services (Hardware Security Module) within last 4 (Four) years. i.e years counting backward from the date of publication of RFP in the newspaper (which shall be substantiated by submission of attested copies of completion certificate/UAT along with work-order/contract and performance certificates for supply of similar goods and related services from the respective purchaser).

The bidder will have to submit following additional documents with the proposal:

1. Minimum 2(TWO) OEM Certification for HSM.
2. Manufacturing Authorization Letter from respective OEM.
3. Copies of relevant brochures/catalogue for the equipment(s) to be supplied which will give sufficient data to permit effective evaluation of the tender.

Item# 4

Technical Specifications for Rack

Quantity: 1

SL	Item Name	Detail Required Specification	Bidder response
1	Item	42U Server RACK with KVM and PDU	
2	Brand	Any reputed Brand	
3	Model	To be mention by the bidder	
4	Country of origin	USA/EU/Equivalent	
5	Country of Assemble	To be mention by the bidder	
6	Details	Dimension: To be mention by the bidder	
		Secure side panels: Lockable half-height panels provide security and safe, easy handling Easy-to- adjust mounting rails: Built with automatic rail alignment and adjustability. Convenient rear cable channels: Supports tool less mounting for Rack Accessories.	
7	Monitor	Specification: 18.5in LED - International English Keyboard	
8	Mounting Bracket	As required by system run	
9	16 Port KVM Switch and Console	16 ports KVM with 1U rack-mountable keyboard, mouse, and LCD console. Include necessary accessories.	
10	Console Cable	As required by system run	
11	PDU	4x16 power outlet with necessary accessories.	
12	Heavy Duty Castor & Adjustable Feet	Minimum four adjustable feet & heavy-duty castor	
13	Color	To be mention by the bidder	
14	Rack Accessories	Side walls, Split rare doors	
		Baying kits, tool less shelves, casters, Cable management	
		Power strips, Enclosure monitoring System Tool less Blanking panels, Fans	
15	Warranty	Next Day Onsite Service by manufacturer for 3 yrs with 24 x 7 x 365 Technical Support & Assistance. System should have label for support contacts to mail or phone through TFN. Proposing Hardware Brand should have in country office for smooth after sales support and service.	

PRICE SHEET

Name of the Company :

Items	Qty.	Unit Price(BDT)	Total Price(BDT)
Item 1: Intel Server – ICP Server	02		
Item 2: Intel Server – ICP Database and Log Server	01		
Item 3: Hardware Security Module (HSM)	02		
Item 4: Rack	01		
Grand Total Price			

Grand Total price (in words):

All prices must be included Tax and others government charges. All payable VAT shall be paid by bank.

(Signature)
(Name)

(Date)