



First Security Islami Bank PLC
ICT Division

Head Office
Plot#12, 2nd & 4th Floor, Main Road.
Block # A, P.S- Badda,
Bashundhara R/A, Dhaka-1229.
Web: www.fsiblb.com; email: ictp@fsiblb.com

Ref: FSIBL/HO/ICT/967/2023

Date: 24.11.2023

REQUEST FOR PROPOSAL (RFP)

Supply, Installation and Migration 2 units of Storage for DC and DR

Bidder Reg. No.

Section A: General Information

SN	Item		Description				
1	Name of the Bank		First Security Islami Bank PLC				
2	Procuring Entity Name		Information & Communication Technology Division				
3	Invitation of tender for		Supply, Installation and Migration 2 units with 5 years of license validity for DC and DR site with full OEM Standard Support				
4	Invitation for Quotation Ref. & Date		FSIBL/HO/ICT/967/2023 Date: 24.11.2023				
5	Procurement Method		Open Tendering Method				
6	Source of Fund		First Security Islami Bank PLC				
7	Registration of bidders & price of Tender Document:		The interested eligible bidders have to enroll their name by submitting a prayer along with a non-refundable registration/enrollment fee Tk.5,000.00 (Taka Five Thousand) only in the form of "Payment Order" in favor of "First Security Islami Bank PLC" during submission of tender. No Tender documents will be sold physically. The bidder has to copy or download this tender document from the website: www.fsiblb.com and place them on their own letterhead to submit their bid.				
8	Tender Process Dates & Times	Tender	Schedule Distribution Date & Time		Pre-Bid Meeting Date & Time	Submission Date & Time	Opening Date & Time
		Process	Start	End		End	
		Date	24.11.2023	27.11.2023	05.12.2023	27.12.2023	27.12.2023
		Time	03.00 PM	03:00 PM	03:00 PM	03:00 PM	03:10 PM
9	Place of opening and receiving tender documents		First Security Islami Bank PLC, Plot#12, 4 th Floor, Main Road. Block # A, P.S- Badda, Bashundhara R/A, Dhaka-1229.				
10	Composition of bid Price shall be inclusive of		The costs of complete Supply, Installation & Migration of 2 units of Storage 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.				
11	Awarding the successful bidder		The bank may negotiate with the successful bidder or all bidders regarding price reduction modification if necessary before issuing the acceptance letter. A notification of award (NOA) will be provided by Bank to the successful bidder. Within 07 days of receipt of the Letter of Acceptance, the successful bidder shall sign a copy of it and return to the bank. Work must be completed within the time specified in the Work Order/Contract.				
12	Payment & Security		The bidder shall furnish as bid security of 2.50% of the total financial offer in the form of pay order or bank guarantee from any scheduled bank in favor of First Security Islami Bank PLC. The bid security shall be submitted along with the tender inside the envelop marked as "Financial Offer- for Supply, implementation & migration of 2 units of Storage for DC and DR". The bid security should be valid for 60 days after the date of bid opening. Any bid not accompanied by an acceptable bid security shall be				

Signature & Seal of the bidder

		<p>rejected as non-responsive. The bid security of unsuccessful bidders will be returned within 7 days from the date awarding the successful bidder. The bid security of the successful bidder will be returned when the bidder has signed the NOA and furnished the required Advance Payment Guarantee (APG). The bid security may be forfeited if (a) the bidder withdraws its bid during the period of bid validity specified in the bid form (b) if a successful bidder fails to sign the contract and (c) if a successful bidder fails to furnish the Advance Payment Guarantee (APG).</p> <p>Within 07 days of receipt of the notification of award from the Bank, the successful bidder shall furnish Advance Payment Guarantee (APG) for 20% of total Payment Amount to be received in advance in the form of pay order or bank guarantee from any scheduled bank in favor of First Security Islami Bank PLC.</p> <p>50% Payment will be made as advance upon the request of successful bidder. The bidder should provide an Advance Payment Guarantee (APG) for 20% of total Payment Amount to be received in advance. This bank guarantee will be released immediately after successful completion and User Acceptance Test (UAT). Next 25% Payment will be made after product delivery.</p> <p>Final 25% payment will be provided after successful migration and completion of the project. A performance security of 10% of the Total Value should be provided as a Bank Guarantee or will be retained from the final bill. The Performance Security will be released immediately as the warranty period expires.</p> <p>In case of a failure of the successful Bidder to implement above mentioned hardware component in the prescribed time, the bidder will be liable to pay 0.5% of the Contract price as liquidated damages for every week after the deadline and will be deducted from the bill amount. The maximum penalty will be 10% of total contract price.</p>
13	Submission of bidders Qualifications/Eligibility and course 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 Supply, implementation & migration of 2 units of Storage as per technical specifications, Name of the bidder & Registration No.
14	Submission of Technical & Financial Offer	The interested registered bidder shall copy the Asked Technical Specifications and Financial Offer form 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 Supply, implementation & migration of 2 units of Storage as per technical specifications", Name of the bidder & Registration No.
15	Name and address of the Office for receiving tender(s)	CITO & Head of ICT Division. First Security Islami Bank PLC, Plot#12,4 th Floor, Main Road, Block # A, P.S-Badda, Bashundhara R/A, Dhaka-1229.
16	Address of Official Inviting Tender	Do.
17	Contact Details	Telephone No. 02-8432613-22 Ext: 326,312 email: ictp@fsibld.com
18	Special Instruction	<p>The Bank Authority reserves the right to -</p> <ul style="list-style-type: none"> • Explain or clarify the terms of this tender notice in its own way, Bring necessary changes in the notice • Increase or decrease the tender quantity • Reject the lowest • Reject any or all bids • Select any bidder deems fit and proper by them • Bidder have to bid full 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. • There will be no change in the quoted price of the work order in case of increase or decrease in USD (\$) price in the international market.



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 [Proprietorship, Partnership, Private Limited, Public Limited etc.]	Required		
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@fsibld.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 ictp@fsibld.com
13	Valid Trade License No.	Required		Attach proof
14	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? Credit for a period of 6 months or more?	Yes/No.		
20	Experience: The bidder must have 5 years of experience for supplying similar hardware & license in at least 3 different commercial Banks of Bangladesh.	Required Bank- WO- Date- Quantity-		Attach proof
21	Are you Banned by any bank authority or? Government agency?	Yes/No		

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.

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Signature & Seal of the bidder

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Section C: Technical Specification of All-Flash SAN Storage

Technical Specification:

S/N	Name of Item or Related Service	Technical Specification and Standards	Bidder Response
1	Quantity	1 (DC)+ 1 (DR) = 2	
2	Brand	Internationally Reputed brand (To be mentioned by the Bidder) and the OEM of the proposed brand must be in the latest Gartner's Magic Quadrant for primary storage.	
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	System architecture	Offered Storage array must be an All Flash Array.	
		Offered Storage array should be Provided with the true active-active controllers so that a single logical unit can be shared across all offered controllers in symmetrical/ Asymmetrical fashion, which LUNs do not belong to any controller.	
		Proposed array should be a scale-up and scale-out architecture and controller enclosures are interconnected via PCIe or RDMA.	
		The Storage system should initial configuration should have Block Protocols with 2 Controllers and has the ability to scale to at least 8 controllers in active-active configuration. Any federation system/function/features should not be considered for this scale out technology.	
7	Cache	Offered Storage Systems should be given with 256GB cache (excluding performance acceleration modules, FlashCache, PAM, or SSD Cache) per controller and total 512GB cache for full storage system and shall be also and shall be scalable to minimum 2TB (excluding performance acceleration modules, FlashCache, PAM, or SSD Cache)	
8	Disk Scalability	Offered Storage Array should support up to minimum 1000 SSD disks and also should support up to minimum 200 NVMe SSD Disk.	
9	Capacity	For DC: The single storage array shall be offered with 150TB Useable capacity after Raid 6 with 3.84TB NVMe SED Drives.	



		For DR: The single storage array shall be offered with 60TB Useable capacity after Raid 6 with 3.84TB NVMe SED Drives.	
10	Raid	The Storage array should support Controller based RAID Levels: RAID 5, and RAID 6	
11	Front End Ports	The Storage Array should be provided with minimum 8 x 32Gb FC ports and 8 x 10 Gbps iSCSI interface with required transceiver. It could be expanded to minimum 96 ports across all storage controllers.	
12	Back End Connectivity	The Storage Array should be provided the back-end disk channel bandwidth 380 Gbit/s or higher	
13	Deduplication and Compression	Offered storage should provide adaptive deduplication and compression based on user data characteristics, maximizing the reduction ratio and should ensure the 2:1 data reduction guarantee. Bidder should necessary documents to ensure this data reduction guarantee as proof.	
14	Quality of Service Control	Offered storage should support dynamically allocate storage system resources to meet the performance objectives of applications and allows to set upper and lower limits on IOPS, bandwidth, or response latency for specific applications so that the performance of these applications is limited.	
15	Snapshot	Offered storage should provide with point in time snapshots function with full capacity software license	
		Offered storage should provide high-density snapshots, which the system can support the second-level snapshot, achieving continuous data protection. Should support at least 4096 snapshots for a single file system and at least 30,000 snapshots for a system. Should provide high-density snapshots. The system should support automatically create snapshot at least every 3 seconds for SAN and every 15 seconds for file system. Snapshot must support the feature where data can be restored using a snapshot at any point in time, without losing the snapshot data at other points in time.	
16	Clone	Offered storage should provide the clone function, which creates a physical copy for the snapshot or source LUN.	
17	Active-Active Solutions	Offered storage should provide Active-Active solution for two storage systems without any additional virtual/physical gateway between two sites. The hosts should able to access	

		<p>the same Active-Active volume concurrently. Failure of either storage system should not affect upper-layer services. If any bidder needs any gateway or additional device to ensure metro cluster Active-active solution, bidder must need to provide the hardware in redundant way.</p> <p>All the related license needs to provide from day 1.</p>	
18	Remote replication	<p>Storage should be configured with three sites storage replication solution which allow replication of production data from primary site to secondary site (Active-Active/Synchronous) and third site (Asynchronous) All the related license needs to provide from day 1;</p>	
19	Multi-pathing	<p>The proposed storage should provide dedicated multi-pathing software (not the multi-pathing software of the operating system) to support failover and load balancing. The multi-pathing software should run on Windows, Linux, AIX, Solaris, and other mainstream OSs.</p>	
20	Management	<p>Offered storage should support Non-Disruptive Upgrade. During an upgrade, the storage should not require controller restart and services need to be switched over between controllers to ensure service continuity.</p>	
21	Storage Scalability and Upgradability	<p>The proposed system should support non-disruptive, Data-in-Place Upgrade.</p>	
		<p>Storage system should allow re-usage of Disk Shelves with higher models of the same product line.</p>	
22	Design, Implementation and Migration Scope	<p>Bidder must have certified technical resource for Design, Implementation, Migration, support and services; All certification should be enclosed with the bid.</p>	
		<p>The bidder must perform data migration from existing storage system IBM V7k to the newly configured system following utmost safety, security and best practices.</p>	
		<p>Bidder should submit the required performance document and compliance reference document for the proposed solutions</p>	
23	Warranty	<p>At least 5 years warranty with 24 x 7 support service. All parts replacement and service will be provided by the vendor during the warranty and AMC period.</p>	
24	Training	<p>Physical training with certification for 5 persons on FSIB Premises/Local Partner Premises.</p>	




Financial Specification:

SI	Items	Requirements	Qty	Unit Price	Total Price
01	Storage	Storage for DC and DR with 5 years of license validity including Installation and Migration	2 units		

** The above-mentioned price is inclusive of all costs, taxes & VATs as per rule of the government of Bangladesh.

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


Signature & Seal of the bidder
