FIRST SECURITY ISLAMI BANK LTD.

Amendment on RFP
"Supply of Microsoft Licenses, Implementation of Microsoft products, services, solutions, their SLA and Delivery and Installation of Server, Storage Hardware for both DC and DR Sites"
Invitation Ref No & Date: FSIBL/HO/ICT/166/2020, 23.02.2020

LOT B

Supply and Installation of Server Hardware, Storage and necessary Software's, with support and services to implement Microsoft products and their solutions

ICT Division, Head Office
Plot 12, Block A, Main Road
Bahundhara R/A, Dhaka 1229

March 09, 2020

The following amendment provides clarification and updates on the requirement of the project and should be read as accompanied with the originally published RFP.

SL	Details
01	**Chapter 4: Instructions to Tenderers, Page No 7, Clause: 4.18** Training: In addition to mentioned information, training center must be OEM Certified and training will be provided on SAN Storage & SAN Switches Configuration and Administration.
02	**Chapter 5: Terms and Conditions, Page No 16, Clause: 5.26** Bidders should have their own permanent Engineers with minimum 5 years of experience and trainings on particular solution.
03	**Chapter 6: Technical Specifications, Page No 18, Data Center, Server Type 1: Qty-2, Item No: 18** 4 x 1.2TB SAS 12G 10K SFF (2.5in)
04	**Chapter 6: Technical Specifications, Page No 20, Data Center, Server Type 2: Qty-1, Item No: 18** 7 x 1.2TB SAS 12G 10K SFF (2.5in)
05	**Chapter 6: Technical Specifications, Page No 20, Data Center, Storage Option-1: Qty-1, Item No: 1** Brand to be mentioned by bidder, must be internationally reputed and have position within the leader quadrant in last 5 years releases of year end Gartner report.
06	**Chapter 6: Technical Specifications, Page No 20, Data Center, Storage Option-1: Qty-1, Item No: 5** SAN Array should be configured with Active/Active Dual Controllers so that a single logical unit can be shared across all offered controllers in symmetrical/asymmetrical fashion while supporting all the major functionalities like Disk Provision, Data Tiering etc.
07	**Chapter 6: Technical Specifications, Page No 21, Data Center, Storage Option-1: Qty-1, Item No: 9** The storage array will be equipped with adequate amount of storage HDD that will be configured to provide minimum 42TB of usable disk capacity on 1.8TB SAS HDD and 5TB of usable disk capacity on 920GB/800GB SSD Drive (both disk types must satisfy the minimum requirement in raw disk space before RAID configuration and in logical disk capacity after RAID configuration) after configuring each in a RAID 5 configuration in DC Site along with spare disk of at least 1 drive worth of space for every 24 drives for each disk types.
08	**Chapter 6: Technical Specifications, Page No 22, Data Center, Storage Option-1: Qty-1, Item No: 17** The Storage Array must be configured with Global Hot Spare Disks. A minimum of 01 (One) global/ distributed hot spare per disk enclosure must be supplied and configured. These must be of the same type as used for the capacity requirements and must be configured as per industry practice.
09	**Chapter 6: Technical Specifications, Page No 23, Data Center, Storage Option-1: Qty-1, Item No: 28** Real-time Compression feature should be available and enabled with necessary licenses.
10	**Chapter 6: Technical Specifications, Page No 23, Data Center, Storage Option-1: Qty-1, Item No: 29** Availability and enabling of storage based data de-duplication feature on each disk type with necessary licenses for removal of duplicated data (multiple Recipients, CC or BCC copy of the

	same mail) from multiple mailboxes, yet providing an efficient mean to access the data from multiple mail boxes.
11	*Chapter 6: Technical Specifications, Page No 25, Disaster Recover Center, Server Type 1: Qty-1, Item No: 18* 4 x 1.2TB SAS 12G 10K SFF (2.5in)
12	*Chapter 6: Technical Specifications, Page No 26, Disaster Recovery Center, Storage Type-1: Qty-1, Item No: 1* Brand to be mentioned by bidder, must be internationally reputed and have position within the leader quadrant in last 5 years releases of year end Gartner report.
13	*Chapter 6: Technical Specifications, Page No 26, Disaster Recovery Center, Storage Type-1: Qty-1, Item No: 5* SAN Array should be configured with Active/Active Dual Controllers so that a single logical unit can be shared across all offered controllers in symmetrical/asymmetrical fashion while supporting all the major functionalities like Disk Provision, Data Tiering etc.
14	*Chapter 6: Technical Specifications, Page No 27, Disaster Recovery Center, Storage Type-1: Qty-1, Item No: 9* The storage array will be equipped with adequate amount of storage HDD that will be configured to provide minimum 42TB of usable disk capacity on 1.8TB SAS HDD and 5TB of usable disk capacity on 920GB/800GB SSD Drive (both disk types must satisfy the minimum requirement in raw disk space before RAID configuration and in logical disk capacity after RAID configuration) after configuring each in a RAID 5 configuration in DC Site along with spare disk of at least 1 drive worth of space for every 24 drives for each disk types.
15	*Chapter 6: Technical Specifications, Page No 27, Disaster Recovery Center, Storage Type-1: Qty-1, Item No: 17* The Storage Array must be configured with Global Hot Spare Disks. A minimum of 01 (One) global/ distributed hot spare per disk enclosure must be supplied and configured. These must be of the same type as used for the capacity requirements and must be configured as per industry practice.
16	*Chapter 6: Technical Specifications, Page No 28, Disaster Recovery Center, Storage Type-1: Qty-1, Item No: 28* Real-time Compression feature should be available and enabled with necessary licenses.
17	*Chapter 6: Technical Specifications, Page No 29, Disaster Recovery Center, Storage Option-1: Qty-1, Item No: 29* Availability and enabling of storage based data de-duplication feature on each disk type with necessary licenses for removal of duplicated data (multiple Recipients, CC or BCC copy of the same mail) from multiple mailboxes, yet providing an efficient mean to access the data from multiple mail boxes.