



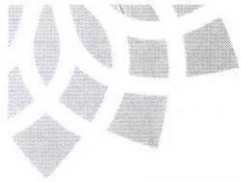
Amendments in the Tender Schedule for supplying and commissioning of 03 units Server (Oracle SPARC) including license with required accessories for Card Switching System to be deployed DRS and DC of the Bank are as follows:

**Technical terms & Conditions:**

Oracle SPARC specification amendment in the tender schedule is below:

Ext. S/N.	Page no/ Annexure	Existing Technical Specification as per Tender Schedule	Amendments
<b>Licenses (Solaris)</b>			
1	Page no- 02 Item No.- 1.3	Licenses (Solaris)	24 Core OSC license is required with Licensed OS
<b>Training</b>			
5	Page no- 03 Item No.- 1.3	Sufficient training for 04 (four) officials of IBBPLC will have to be provided within the cost until the participants reach a satisfactory level of self-dependence for level-1 & 2 supports	Physical (Foreign / Local) training should be provided by OEM. Training Title - "Solaris Administration (Part-I & II)" for 04 Persons.
<b>Bidder's qualification</b>			
3	Page no- 04 Item No.- 2.6	The bidder must have experience in installation and commissioning of Oracle SPARC T8 Server preferably in Bangladesh or in any internationally reputed bank/institution/organization in the world. Copy of previous work orders/documentary evidences with attestation must be provided as proof of their experience along with the offer. The Bidders/OEM who has supplied SPARC servers at least 05 reputed Bank/ Financial Institution in core banking/mission critical environment in Bangladesh will be given preference.	Remain Unchanged.
4	Page no- 04 Item No.- 2.7	The bidder must have Oracle SPARC T8 Server spares as suggested by Oracle and has the capability of providing 24/7 support including parts replacement.	Remain Unchanged.

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Tender Preparation			
5	Page no- 05 Item No.- 3.0	The earnest money/bid security only issued in favor of "Islami Bank Bangladesh PLC" in the form of Pay Order or 2½% of total Tender value issued in favor of "Islami Bank Bangladesh PLC" in the form of Pay Order/Bank Guarantee.	Remain Unchanged.
Tender submission			
6	Page no- 06 Item No.- 4.3	The tender documents shall be dropped in the tender box to be kept at Procurement of Computer Hardware & Accessories Department (PCHAD), Operations Wing (OW), IBBPLC, H.O., Yousuf Chamber (9 <sup>th</sup> Floor), 20, Dilkusha C/A, Dhaka within <b>03:00 P.M on 09.07.2024</b>	The tender documents shall be dropped in the tender box to be kept at Procurement of Computer Hardware & Accessories Department (PCHAD), Operations Wing (OW), IBBPLC, H.O., Yousuf Chamber (9 <sup>th</sup> Floor), 20, Dilkusha C/A, Dhaka <b>within 03:00 P.M on 24.07.2024</b>
Prices, currency, and payments			
7	Page no- 07 Item No.- 7.2	a) 90% of the bill will be paid after installation, commission and acceptance by IBBPLC b) 100% of the bill will be paid against a Bank Guarantee (BG) equivalent to 10% of total contract value only with covering full warranty period as security deposit. Otherwise 10% of total bill will be kept as Security deposit for the full warranty period which will be refundable after successful expiry of the full warranty period	Payment Terms may be considered as - 50% will be made after delivery of the products, 40% after successful installation & Commission, training & UAT, 10% as security deposit in the form of BG.
Warranty			
8	Page no- 08 Item No.- 14.1	The warranty period will start from the date of completion of UAT and therefore live operation of the proposed solution.	Remain Unchanged.
	Page no- 10 Item No.- Warranty support (f)	In case of unavailability of the OEM for their absorption / sell out/ bankruptcy etc. the local bidder would be held responsible to provide support to continue the service of IBBPLC with the bidder's own cost or the cost would be reimbursed from their security deposit or others payable bills	

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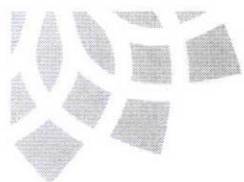




Annual Maintenance Contract			
9	Page no- 10 Item Name- (AMC)	<p>The bidder has to submit an undertaking from Oracle that the quoted AMC rate will remain valid and unchanged during the AMC for at least 2 years</p> <p>In case of unavailability of the OEM for their absorption / sell out/ bankruptcy etc. the local bidder would be held responsible to provide support to continue the service of IBBPLC with the bidder's own cost or the cost would be reimbursed from their security deposit or others payable bills</p>	Remain Unchanged.
Validity of tender			
10	Page no- 10 Item No.- 16.0	Tender offer must be valid for acceptance within a period of 120 (one hundred twenty) days from the date of opening of tender. Tenderer's offering short of validity period will be rejected	Remain Unchanged.
Delivery			
11	Page no- 11 Item No.- 19.0	The delivery period shall be maximum 60 days from the date of issuing/ accepting of award letter	The delivery period shall be maximum 90 days from the date of issuing/ accepting of award letter
Completion Period			
12	Page no- 11 Item No.- 20.0	The delivery, installation and full commissioning of the system/ solution shall have to be completed within a period of 90 (ninety) days from the date of Work Order.	The delivery, installation and full commissioning of the system/ solution shall have to be completed within a period of 120 (One Hundred Twenty) days from the date of Work Order.
Evaluation criteria			
13	Page no- 12 (Table-1)	Evaluation Criteria & respective weight/ Score/ Marks for the Technical Offers (Table-1)	The revised evaluation criteria is attached at Table-1.
Annexure-I & Annexure-II			
14	Page no- 18,19,20	Technical Specification for Oracle SPARC T8-1 Server Technical Specification for Oracle SPARC S7-2L Server	Attached as revised Annexure-I & Annexure-II
Additional Information			
<ul style="list-style-type: none"><li>➤ The migration scope should include any hardware migration in future.</li><li>➤ SPRAC T8-1 server is HOST machine for Card Switching System. Host Application is Smart Vista (SV).</li><li>➤ There is no third party backup solution for Card Switching System. But Existing Applications are connected with the SAN Storage through LUN with T8-1 as per existing Architecture.</li></ul>			

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**The revised evaluation criteria is attached herewith**

**Table-1**

SL	Criteria	Score
	Partnership information of the bidder-	
1	Partnership level (FDSP/Reseller) – For FDSP -9, Reseller-7	9
	Partnership duration with Oracle- (Maximum 5 years or above will get highest number that is 3, for 4 years 2, and for minimum 1 year no. will be 1. No fraction period will be evaluated)	3
	Partnership agreement with Oracle (for relevant product) to provide after sales service (Post Sales)	3
2	Bidder must submit MAF (Manufacture Authorization Form) from OEM (Oracle) to ensure that they are authorized to participate in the tender.	5
3	The bidder must have at least 3 (three) years of proven experience in supplying and implementing Oracle SPARC Server. Documentary evidence shall be provided by the bidder - (Maximum 5 years or above will get highest number that is 10, for 4 years 8, 3 years 6, 2 years 4 and for minimum 1 years number will be 2. No fraction period will be evaluated).	10
4	Number of implementation of Oracle SPARC Servers in financial institutions (Bank, Insurance and Leasing), Telco, in Bangladesh or in any internationally reputed bank/Insurance/Leasing in the world, Govt. of Bangladesh (BD) during the last 05 years: For each institution score will be 2 and maximum 5 institutes will be considered.	10
5	The bidder must maintain Support Service validated by Oracle of Oracle SPARC Server for at least 3 (Three) years in financial institutions (Bank, Insurance and Leasing), Telco in Bangladesh or in any internationally reputed bank/Insurance/Leasing in the world and Govt. of BD (For each institution score will be 2 and maximum 5 institutes will be considered on submission of documentary evidence).	10
6	The bidder should mention the turnover/revenue from IT related business in last 5 years. Appropriate documents should be submitted to prove the supplied amount. (Highest amount will get highest number and other will get proportionately)	5
7	Number of Oracle authorized engineers (Certificate from the OEM should be submitted) for installation, implementation and service/maintenance of Oracle SPARC server. For each certified engineer score is 2 and maximum 5 Engineers will be considered.	10
8	Bidder's general experience in core computer hardware sales and services business for the last 05 (five) years. For each year will get 1 mark.	5
9	Submission of Support Escalation Matrix: The bidder will submit the required information to get response/ support for any problem of Oracle SPARC Server on working days and Holidays including the required time to response/resolve the problem, repair/ replace of any hardware etc. (Escalation Matrix having less response time -3 hours/6 hours/12 hours duly verified by Oracle available with the bid will get maximum number & zero for unavailable/ absence).	5
10	Submission of Legal papers and Certifications from concerned authority (Trade License with validity period, proof of submitting tax return, Income Tax Certificate and VAT registration certificate in the latest fiscal year. Any pending case of Income Tax Certificate/Tax return/VAT registration certificate will get 0 (Trade License-1, VAT-2 and Income Tax-2 for the year 2022-23)	5
11	Financial strength of the company (Audited balance sheet of last 2 years will be considered): The bidder should have annual turnover of BDT-50 Crores for each year, during last 02 (two) consecutive financial years ending 31.12.2023. For turnover of BDT- 50 crores & above number will be 10, for turnover of BDT 30 to 50 crores number will be 8, for turnover of BDT 10 to 30 crores number will be 5 and turnover of BDT less 10 crores number will be 0.	10
12	Implementation Plan Overview (Steps of Work, implementation time, schedule, Gantt Chart, Team leader & member)	5
13	Documentation (Presentation, availability of required information, understanding of the project)	5
	<b>Total =</b>	<b>100</b>

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**Also include the revised technical specification of T8-1 and S7-2L Server (for all bidders)**

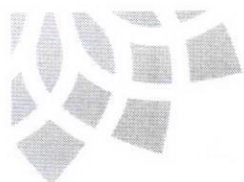
**Technical Specification for Oracle SPARC T8-1 Server**

**Annexure-I**

SI	ITEM DESCRIPTION	TECHNICAL SPECIFICATIONS
1	Number of Server	2 (Two)
2	Brand	Oracle SPARC or Equivalent
3	Model	T8-1 or Equivalent
4	Form Factor	To be mentioned by the Bidder
5	Processor Supported	<ul style="list-style-type: none"> <li>Minimum 32 RISC based cores with 5.00 GHz or higher</li> <li>Up to 256 threads per processor (up to 8 threads per core)</li> <li>Eight Data Analytics Accelerator Units per processor.</li> <li>Thirty-two-on-chip encryption instruction accelerators (one per core) with direct non-privileged support for 16 industry-standard cryptographic algorithms.</li> <li>Thirty-two floating-point units and thirty-two Oracle Numbers units per processor.</li> <li>All cores activated and licensed.</li> </ul>
6	Cache	<ul style="list-style-type: none"> <li>Level 1: 32 KB instruction and 16 KB data per core</li> <li>Level 2: 256 Kb L2I\$ per four cores, 128 KB L2 D\$ per core</li> <li>Level 3: 64 MB L3\$ on chip</li> </ul>
7	Encryption Accelerators	Processor must support encryption instruction accelerators using co-processors within the chip real estate
8	Cryptographic Algorithms	AES, Camellia, CRC32c, DES, 3DES, DH, DSA, ECC, MD5, RSA, SHA-1, SHA-224, SHA-256, SHA-384, SHA-512
9	Compression Support	Processors should be able of in-line compression and de-compression using co-processors.
10	RAM	1024 GB DDR4 RAM upgradable up to 2048 GB
11	Hard Disk Drive	8 x 1.2 TB SAS (10 K RPM) Disks up to 8 HDD/SSD
12	Chassis Form Factor	Rack Mountable with rail kit
13	Raid Controller	Required
14	Raid Support	RAID 0, 1, and 1E/10
15	Expansion Slot	Six PCIe 3.0 slots (four x8 and two x16 or x8 slots)
16	HBA Cards Supported	4 x Dual port 16G HBA Cards
17	Network Cards	2 x 10G Quad Port Cards
18	Graphics/Video	RKVMS support
19	Power Supply	<ul style="list-style-type: none"> <li>Two hot-swappable AC 1,200 W redundant (1+1) power supplies</li> <li>Voltage 200 to 240 VAC, frequency 50/60 Hz</li> <li>Maximum operating input current at 200 VAC: 7 A per cord</li> <li>Maximum operating input power at 200 VAC: 1,300 W</li> </ul>
20	Cooling Fan	Redundant cooling fan
21	Remote Management	<ul style="list-style-type: none"> <li>Enterprise class remote management with dedicated network port.</li> <li>Remote KVM and Remote storage mapping shall support. (or provide KVM switch)</li> </ul>

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Sl	ITEM DESCRIPTION	TECHNICAL SPECIFICATIONS
		<ul style="list-style-type: none"> <li>Require enterprise class Management software. (for management /monitoring/ Administration of hardware and software)</li> </ul>
22	Operating System	Unix Operating System. Must include licenses and Support. Support shall include upgrade licenses for major versions.
23	Virtualization (Manager and Server)	Logical domains shall be supported and include licenses. Within logical domains there should be virtualization technology that can create further virtualized environment within a single instance of the OS. VM Server for SPARC provides the flexibility and power for running multiple logical domains in a single server. Multiple Oracle Solaris Zones may be run within a single Oracle VM Server for SPARC logical domain.
24	Oracle Core Factor	Bidder Shall mention oracle database license Core factor of the proposed hardware
25	Software	<ul style="list-style-type: none"> <li>Oracle Solaris 11.4 (Latest Version), which includes Oracle VM Server for SPARC</li> <li>Oracle Solaris ZFS (default file system)</li> </ul>
26	Training	Physical (Local / Foreign) training should be delivered by OEM. Training Title - "Solaris Administration (Part-I & II)".
27	Support (from Principal Manufacture)	5 Years full support with parts & service and it shall be clearly defined. This shall include 24x7 Software support and subscriptions for all of above software.

**Technical Specification for Oracle SPARC S7-2L Server**

**Annexure- II**

Sl	ITEM DESCRIPTION	TECHNICAL SPECIFICATIONS
1	Number of Server	1 (One)
2	Brand	Oracle SPARC or Equivalent
3	Model	S7-2L or Equivalent
4	Form Factor	To be mentioned by the Bidder
5	Processor Supported	<ul style="list-style-type: none"> <li>Eight-core, 4.27 GHz SPARC S7 processor</li> <li>Up to 64 threads per processor (up to 8 threads per core)</li> <li>Four data analytics accelerators per processor, each supporting four concurrent in-memory query operations with decompression</li> <li>Eight on-chip encryption instruction accelerators with direct non-privileged support for 15 industry-standard cryptographic algorithms: AES, Camellia, CRC32c, DES, 3DES, DH, DSA, ECC, MD5, RSA, SHA-1, SHA-224, SHA-256, SHA-384, SHA-512 (one per core)</li> <li>Eight floating-point units per processor (one per core)</li> <li>One random number generator (one per processor)</li> </ul>
6	Cache	<ul style="list-style-type: none"> <li>Level 1: 16 KB instruction and 16 KB data per core</li> <li>Level 2: 256 KB L2 I\$ per four cores, 256 KB L2 D\$ per core pair</li> <li>Level 3: 16 MB L3\$ on chip</li> </ul>
7	Encryption Accelerators	Processor must support encryption instruction accelerators using co-processors within the chip real estate

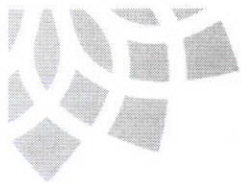
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Sl	ITEM DESCRIPTION	TECHNICAL SPECIFICATIONS
8	Cryptographic Algorithms	AES, Camellia, CRC32c, DES, 3DES, DH, DSA, ECC, MD5, RSA, SHA-1, SHA-224, SHA-256, SHA-384, SHA-512
9	Compression Support	Processors should be able of in-line compression and de-compression using co-processors.
10	RAM	512GB DDR4 RAM upgradable up to 1048 GB
11	Hard Disk Drive	4 x 1.2 TB SAS (10 K RPM) Disks up to 8 HDD/SSD
12	Chassis Form Factor	Rack Mountable with rail kit
13	Expansion Slot	6 PCI slots (PCI3.0)
14	HBA Cards Supported	4 x Dual port 16G HBA Cards
15	Network Cards	2 x 10G Quad Port Cards
16	Graphics/Video	RKVMS support
17	Power Supply	<ul style="list-style-type: none"><li>Two hot-swappable AC 1,200 W redundant (N + 1) power supplies</li><li>Voltage 200 to 240 VAC, frequency 50/60 Hz</li><li>Maximum operating input current at 200 VAC: 5.2 A</li><li>Maximum operating input power at 200 VAC: 1,048 W</li></ul>
18	Cooling Fan	Redundant cooling fan
19	Remote Management	<ul style="list-style-type: none"><li>Enterprise class remote management with dedicated network port.</li><li>Remote KVM and Remote storage mapping shall support. (or provide KVM switch)</li><li>Require enterprise class Management software. (for management /monitoring/ Administration of hardware and software)</li></ul>
20	Operating System	Unix Operating System. Must include licenses and Support. Support shall include upgrade licenses for major versions.
21	Virtualization (Manager and Server)	Logical domains shall be supported and include licenses. Within logical domains there should be virtualization technology that can create further virtualized environment within a single instance of the OS. VM Server for SPARC provides the flexibility and power for running multiple logical domains in a single server. Multiple Oracle Solaris Zones may be run within a single Oracle VM Server for SPARC logical domain.
22	Oracle Core Factor	Bidder Shall mention oracle database license Core factor of the proposed hardware
23	Software	<ul style="list-style-type: none"><li>Oracle Solaris 11.4 (Latest Version), which includes Oracle VM Server for SPARC</li><li>Oracle Solaris ZFS (default file system)</li></ul>
24	Training	Physical (Local / Foreign) training should be delivered by OEM. Training Title - "Solaris Administration (Part-I & II)".
25	Support (from Principal Manufacture)	5 Years full support with parts & service and it shall be clearly defined. This shall include 24x7 Software support and subscriptions for all of above software.

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**Annexure-III**

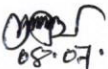
**Summary of Financial Offer as per Annexure- I and II. Only be submitted with Financial Offer:**

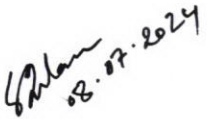
Sl	Name of Item	Qty	Unit Price (Tk.)	Total Price (Tk.)	Remarks
1	Oracle SPARC T8-2 Server	02 units			Including all types of required peripherals/ software/spares/ cables etc. which is not mentioned in the tender.
2	SPARC S7-2L Server	01 unit			
Physical Local Training Cost					
Physical Foreign Training Cost					(04 Person)
<b>Grand Total (Tk.)</b>					
Earnest Money (2.5% of total value)					


**Summary of Annual Maintenance Cost (AMC) submitted as per Annexure- I and II. Only be submitted with Financial Offer:**

Sl	Description of AMC	Unit/Lot	Price (Tk.)	Total Price (Tk.)
1	AMC after expiry of warranty period per year for the SPARC servers including related peripherals, service, software, hardware etc.	Lot		

  
**SO (PCHAD)**

  
**PO (PCHAD)**

  
**FAVP (PCHAD, OW)**

  
**AVP & Head of PCHAD**