

**Amendment-21 to "RFP DBS-04/2017-18 dated 17/11/2017 for Supply, Installation and Maintenance of Servers, Storage Systems and other Items"**

It is decided to amend the following in respect of the above RFP:

**1. Bid Details- in Brief - (Page No. 2)**

Sl. No.	Events	Existing	Amended
		Date & Time	Date & Time
7.	Last Date of Submission of Bids	19/12/2017, Monday upto 3.00 PM	22/12/2017, Friday upto 3.00 PM
8.	Date and time of Opening of Part A-Conformity to Eligibility Criteria.	19/12/2017, Monday upto 3.30 PM	22/12/2017, Friday, 3.30 PM
9.	Date and time opening of Technical Bid Part-B/Indicative price /Commercial bid/ Reverse Auction	Description	Description
		Date and time opening of Technical Bid Part-B/Indicative price /Commercial bid/ Reverse Auction	Date and time opening of Technical Bid Part-B/ Commercial bid

**2. Submission & Opening of Bid - Clauses 22 and 23 (Page No. 21 and 22)**

Events	Existing	Amended
	Time & Date	Time & Date
Last Date of Submission of Bids	19/12/2017, Monday upto 3.00 PM	22/12/2017, Friday upto 3.00 PM
Date and time of Opening of Part A-Conformity to Eligibility Criteria.	19/12/2017, Monday upto 3.30 PM	22/12/2017, Friday, 3.30 PM

**3. Annexure 10:**

**C. Technical Specifications of Intel x86 Half Node Server (Type1):**

S. No.	Particulars	Detailed Configuration	Bidder's Compliance
8.	NIC	Minimum 2 Nos of 10Gbps SFP+ Ports for Network Connectivity (required to connect active - active connectivity to 10GBASE-SR SFP Module in Bank Network Switch (Nexus 7009/7010) for Virtualization network traffic)	
9.	FC HBA	Minimum 2 Nos of 16Gbps FC Host Bus Adapters (HBA) Ports for SAN Connectivity (required to connect active - active connectivity with proposed San Switch to create VM from proposed Storage)	

**D. Technical Specifications of Intel x86 Half Node Server (Type2):**

S. No.	Particulars	Detailed Configuration	Bidder's Compliance
8.	NIC	Minimum 2 Nos of 1Gbps Ethernet Ports for Network Connectivity (required to connect active - active connectivity with Proposed Network Switch for Virtualization network	



		traffic)	
9.	FC HBA	Minimum 2 Nos of 16Gbps FC Host Bus Adapters (HBA) Ports for SAN Connectivity (required to connect active - active connectivity with proposed San Switch to create VM from proposed Storage)	

**E. Technical Specifications of Intel x86 Half Node Server (Type3):**

S. No.	Particulars	Detailed Configuration	Bidder's Compliance
8.	NIC	Minimum 2 Nos of 10Gbps SFP+ Ports for Network Connectivity (required to connect active - active connectivity to 10GBASE-SR SFP Module in Bank Network Switch (Nexus 7009/7010) for database network traffic)	
9.	FC HBA	Minimum 2 Nos of 16Gbps FC Host Bus Adapters (HBA) Ports for SAN Connectivity (required to connect active - active connectivity with proposed San Switch to create LUNS for database ASM from proposed Storage)	

**F. Technical Specifications of Intel x86 Half Node Server (Type4):**

S. No.	Particulars	Detailed Configuration	Bidder's Compliance
8.	NIC	Minimum 2 Nos of 1Gbps Ethernet Ports for Network Connectivity (required to connect active - active connectivity with Proposed Network Switch for dedicate network traffic)	
9.	FC HBA	Minimum 2 Nos of 16Gbps FC Host Bus Adapters (HBA) Ports for SAN Connectivity (required to connect active - active connectivity with proposed San Switch to create LUNS for database ASM from proposed Storage)	

**H. Technical Specifications of Enterprise Higher Range SAN Storage:**

17	Other Features	<ul style="list-style-type: none"> <li>The proposed storage system must support de-stage of cache during power failure to prevent possible data loss.</li> <li>The proposed storage system should support SNMP, Address resolution protocol, Network Time Protocol, LDAP.</li> <li>The Storage array should be licensed with Software to manage Primary and DR sites from a single console. Performance monitoring tools should be offered with the storage array.</li> <li>The proposed storage system shall support a browser based GUI built in management.</li> <li>The proposed storage should able to virtualize under Vmware environment.</li> <li>The proposed storage should able to create multiple array pools so that same storage can be used for server virtualization and for database pools.</li> </ul>	
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**L. Technical Specifications of Network Cables**

S. No.	TYPE	DC QUANTITY	DRC QUANTITY
1.	Mention Make and Model		
2.	10Gig ( on LC-LC type multimode Fiber with suitable length based on the site requirement)	Approx 40 Nos.	Approx 34 Nos.
3.	1Gig ( Cat 6 Ethernet cable with factory made RJ 45 connector patch cords/cables with Suitable length based on the site requirement)	Approx 30 Nos.	Approx 24 Nos.

**M. NETWORK SWITCH**

S. No.	TYPE	QUANTITY at DC	DESCRIPTION
1.	Mention Make and Model		
2.	Network Switch -CISCO 2960-XR with SFP ports	2 Nos.	Each Switch to have 24 Ports & Shall Support 1Gbps Connectivity with dedicated uplink ports.
3.	Network Switch -CISCO 2960-XR with SGP ports	2 Nos.	Each Switch to have 24 Ports & Shall Support 10Gbps Connectivity with dedicated uplink ports.

**Note :**

- 1) All the other Instructions and Terms & Conditions of the above RFP and Amendment 1 dated 07.12.2017 remain unchanged.
- 2) The RFP clause or RFP terms referred in the above replies & amendments means the RFP clause / terms detailed in the RFP Document dt 17/11/2017 unless otherwise modified in the above replies & amendments.
- 3) This document will form part & parcel of our RFP No. 04/2017-18 dated 17/11/2017.
- 4) Please take note of the above replies and Amendments while submitting your response to the subject RFP.

Date: 18/12/2017

Place: Bengaluru

*Alagappa Neelganesan*

Deputy General Manager

*[Signature]*

