

PROJECT: M8 REPLACEMENT PHASE1 - EXADATA

A. QUERIES/CLARIFICATIONS RAISED DURING THE PRE-BID CONFERENCE:

	Query/Clarifications	TWG/BAC Reply
	<p>C. Storage Server</p> <p>3.5 Each Storage Server shall provide a minimum of 480 TB raw disk capacity, using enterprise-grade large-capacity drives (7200 rpm NL-SAS or equivalent technology), integrated within the engineered storage architecture of the proposed solution.</p>	<p>We amend:</p> <p>Section VII Technical Specification</p> <p>C. Storage Server</p> <p>From:</p> <p>3.5 Each Storage Server shall provide a minimum of 480 TB raw disk capacity, using enterprise-grade large-capacity drives (7200 rpm NL-SAS or equivalent technology), integrated within the engineered storage architecture of the proposed solution.</p> <p>To:</p> <p>3.5 Each Storage Server shall provide a minimum of 264 TB raw disk capacity, using enterprise-grade large-capacity drives (7200 rpm NL-SAS or equivalent technology), integrated within the engineered storage architecture of the proposed solution</p>

B. WRITTEN QUERIES:

	Query/Clarifications	TWG/BAC Reply
1	<p>SEC. III Bid Data Sheet Item 5.5 p 41</p> <p>5.5 For this purpose, contracts similar refer to the supply, delivery, installation, configuration, and commissioning of an enterprise-grade database appliance or clustered high-performance database infrastructure solution with integrated compute and storage architecture, supporting mission-critical workloads, and deployed in a production environment</p> <p>Question: Will you accept any ICT project with enterprise grade database appliance as similar project?</p>	<p>Yes, provided that the ICT project demonstrates complexity and technical requirements equivalent to the deployment and configuration of an Oracle Exadata X11M, particularly in terms of integrated compute and storage, high-performance database capabilities, and support for mission-critical production workloads.</p>

2	<p>SEC. III Bid Data Sheet Item 5.5 p 41</p> <p>5.5 For this purpose, contracts similar refer to the supply, delivery, installation, configuration, and commissioning of an enterprise-grade database appliance or clustered high-performance database infrastructure solution with integrated compute and storage architecture, supporting mission-critical workloads, and deployed in a production environment</p> <p>Question: Will you accept any ICT project involving multiple databases in high performance database infrastructure solutions with integrated compute and storage architecture, supporting mission-critical workloads, and deployed in a production environment.as similar project?</p>	<p>Refer to Written Queries # 1 TWG Reply</p>
3	<p>SEC. III Bid Data Sheet Item 6.2 p 61</p> <p>The Procuring Entity intends to procure an Oracle Exadata Database Machine X11M, inclusive of hardware, software, licenses, and professional services, to support mission-critical enterprise databases</p> <p>Question: The terms of reference state that the procurement is 'inclusive of hardware, software, licenses, and professional services' and involves 'database migration.' Please clarify if the bidder is expected to procure net-new Oracle Database software licenses? Or will the SSS be utilizing a Bring Your Own License (BYOL) model and transferring their existing database licenses to the new Exadata X11M?</p>	<p>SSS will adopt a Bring Your Own License (BYOL) approach for this project. Existing Oracle Database licenses will be utilized and transferred for deployment on the Oracle Exadata Database Machine X11M.</p> <p>Accordingly, bidders are not required to provide net-new Oracle Database licenses as part of their proposal. Bidders shall, however, be responsible for validating license compatibility, ensuring compliance with Oracle licensing policies, and confirming that the existing licenses are sufficient for the proposed solution.</p> <p>Should there be any licensing gaps or additional requirements identified, these shall be provided by the bidder at no additional cost to the Procuring Entity.</p>
4	<p>For external network components (outside oracle HW) are we going to use the existing network components or will this also be procured as new components?</p>	<p>The winning bidder shall supply all required external network components as part of the proposed solution. This includes the provision of two (2) Top-of-Rack (ToR) switches per site (Main Data Center and Disaster Recovery Site).</p> <p>The proposed network components must be fully compatible and capable of seamless integration with the existing and new core</p>

		<p>network infrastructure, particularly the Cisco Nexus 93600CD-GX.</p> <p>The bidder shall provide all necessary network equipment, including transceivers, cabling, and accessories, to support the complete solution. All associated costs shall be included in the bidder's proposal, with no additional cost to the Procuring Entity.</p>
5	Would load balancers be needed for the network components? if yes please share the specifications and if there are a preferred brand.	No
6	For the L3 switch and Management switch, are there any specific preferred brand?	<p>There is no specific preferred brand for the switches; however, the proposed equipment must be fully compatible with Cisco-based network infrastructure, particularly the Cisco Nexus 93600CD-GX.</p> <p>An L3 switch is not required for this project; a Layer 2 (L2) switch is sufficient to meet the network requirements of the solution.</p> <p>Furthermore, a separate management switch is not required, as it is already included as part of the Oracle Exadata Database Machine X11M solution.</p>
7	<p>In item 4.3 : Each switch should have 36-ports and support 10/25/40/100 QSFP28 ports -</p> <p>How many 10GB,25GB,40GB & 100GB Transceivers are needed?</p>	<p>These are included in the Oracle Exadata Database Machine X11M solution.</p>
8	What is the required uplink speed from Top of Rack network switch to SSS Core switch?	The Top-of-Rack (ToR) network switch to be provided must support at least 40 Gbps uplink or 100 Gbps, for connectivity to SSS's core switch, the Cisco Nexus 93600CD-GX, including all required transceivers and cabling.

C. AMENDMENT TO THE BIDDING DOCUMENT:

1	<p>We amend:</p> <p>Section VII Technical Specification</p> <p>A. General Requirement</p> <p>From:</p> <p>1.15 Installation, configuration, and data migration should be carried out by the bidder who has experience with similar migrations in previous projects.</p> <p>To:</p> <p>1.15 Installation, configuration, and data migration shall be performed by the Technology Provider</p>
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