KENYA REVENUE AUTHORITY

ADDENDUM/ CLARIFICATION "SET 5"

REF: KRA/HQS/NCB-046/2021-2022: PROVISION FOR UPGRADE OF DATABASES HARDWARE AND CONSOLIDATION OF ORACLE DATABASE LICENSES.

5th April 2022.

To all Prospective bidders,

Kenya Revenue Authority wishes to inform prospective bidders of the clarifications / addendum highlighted below:

S/N	Page no of Tender Doc	Section number/ details of Tender Document.	Description in Tender Document	Bidder's Query	KRA Response
1		Addendum/ Clarification :"SET 4"	Clarification to Query NO:2	Description provided in Addendum :-	MAKE means the Manufacturer of the storage and MODEL means the model number of Storage.	KRA requirement holds.
			Sub clarification no: 3	Storage certification for proposed storage solution **either make/model** is acceptable	Any Storage manufacturer will have multiple models of storage , each with different functions and enhancements. Hence an engineer certified on older storage model will not be competent enough to take care of recent models of storage from the same Manufacturer.	Bidders are advised to submit responses in line with addendum set 4.
					Therefore it is in the interest of KRA to insist for certfied engineers certified for the same model number of the (proposed) storage and not any model of storage of that manufacturer.	
					Kindly consider this valid point , which is in the interest of the KRA	

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2	Addendum/Clarification : "SET 4"	Clarification to Query NO:2	Proposed technical staff CV site details should be for where similar support is undertaken for the proposed **model/make** of the storage.	MAKE means the Manufacturer of the Storage and MODEL means the model number of Storage.	KRA requirement holds.
		Sub clarification no: 4		Any Storage manufacturer will have multiple models of storage, each with different functions and enhancements. Hence an engineer certified on older storage model will not be competent enough to take care of recent models of storage from the same manufacturer.	Bidders are advised to submit responses in line with addendum set 4.
				Therefore it is in the interest of KRA to insist for certified engineers certfied for the same model number of the (proposed) storage and not any model of storage of that manufacturer.	
				Kindly consider this valid point , which is in the interest of the KRA	

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3	Addendum/ Clarification :"SET 4"	Clarification to Query NO:11	KRA requirement hold: Memory per array : 1 TB or higher (excluding any performance acceleration module, flash cache, RAM card , SSD cache) CPU Per Array : **2 X INTEL XEON CPU sockets, 64 Cores per Array is retained**	Vide this clarification, it is mentioned that 2X INTEL XEON processors with total of 64 cores per array is retained. Where as the requirement of INTEL processors for Storage was mentioned neither in the initial TENDER DOCUMENT nor in ADDENDUM /CLARIFICATION "SET 2". INITIAL TENDER and ADDENDUM/CLARIFICATION "SET 2" was the only document released by KRA pertaining to the STORAGE before release of ADDENDUM/CLARIFICATION SET "4". In both of these documents, requirement of INTEL specific CPU were not mentioned by KRA. Therefore in order to **retain** the old specifications, the INTEL specific requirement inserted in this clarification is in-appropriate. We request you to kindly retain what was stated in the previously released documents.	The requirement is updated to read 2 X CPU Sockets with 64 Cores. Further, please ensure that the proposed CPU architecture has been in the market for at least 10 years to ensure proven performance for enterprise systems, compatibility with various hardware and sustainability.

05/02/2022

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S/N	Page no of Tender Doc	Section number/details of Tender Doc.	Description in Tender Doc	Bidder's Query	KRA Response
4	Addendum/ Clarification :"SET 4"	Clarification to Query NO:17	The proposed storage should be delivered with 2 X INTEL XEON CPU sockets, 64 Cores per storage array	The basis of this clarification which was released by KRA was a query by a proposed bidder stating the need for having same INTEL CPUs in both Server and Storage.

The function of storage and its feature are not dependent on having a similalr processor (read as INTEL) in the Storage controller and Server.

Processor make may be usually mentioned in a SERVER specification, wheras the Storage specifications seldom restrict the Processor make. The reason for this is purely technical reason and is :- The buyer can decide the Operating System for the Server whereas in the case of Storage, the OS is designed and decided by the OEM as per the quality and performance standards of the storage design. The CPU and the OS of the Storage controller is thus designed by the OEM to provide mutual compatibility ,Optimum performance, reliability and many other architectural parameters/feature.

Hence restricting/insisting on a specific make of CPU is technically in-appropriate . Usually the Controller CPU core, Cache, IOPS, RAID, Latency etc are used to specify the storage requirement/performance and NOT the Processor make.

In view of the above technical reason, request you not to insist on INTEL make of CPU in the Storage, but | The requirement is updated to read 2 X CPU Sockets with 64 Cores.

Further, please ensure that the proposed CPU architecture has been in the market for at least 10 years to ensure proven performance for enterprise systems, compatibility with various hardware and sustainability. |
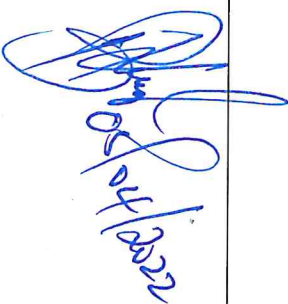
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5	Initial TENDER Document.	Printed Page no: 60; Clause no: 1.3 (Technical Specification for Storage Nodes)	The storage system shall be supplied with 150 TB usable disk space with Full NVMe Disks	(1) Is KRA looking for a storage which supports NVMe Disks to meet (a) the required usable 150 TB and (b) 100% of the future scalability of the storage as NVMe disks are latest, high perfromace and to exist in future? (2) Is KRA looking for specific IOPS for the storage ? Kindly clarify	1 (a): Yes (b): Yes 2. At least 1,000,000 IOPS for read and write
			meeting all the specifications laid down in the tender document.		

EXTENSION OF TENDER CLOSING/OPENING DATE

PREVIOUS TENDER CLOSING DATE	NEW TENDER CLOSING DATE
6th April, 2022 at 11.00 am Times Tower	13th April, 2022 at 11.00 am Times Tower

Notes:

Bidders are advised to:

- Acknowledge receipt of this addendum published and uploaded on the KRA Website on **5th April, 2022.**
- Align their **bid security** to be valid upto and including **12th April, 2023.**
- This is the final set of clarification.

05/04/2022

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ISO 9001:2015 CERTIFIED

The clarification / addendum form part of the bidding document and is binding to the bidder. All other terms and conditions of the tender remain the same. You are therefore required to immediately acknowledge the receipt of this addendum.

Regards,

Benson Kiruja
For: Deputy Commissioner - Supply Chain Management

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