



REPUBLIC OF KENYA
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THE NATIONAL TREASURY
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Ref: TNT/ONT/065/2024 - 2025

27th June, 2025

REF: PROCUREMENT OF COMPUTING EQUIPMENT (SERVERS) TO SUPPORT IFMIS RE-ENGINEERING FOR
MIGRATION TO ACCRUAL BASIS ACCOUNTING, TREASURY SINGLE ACCOUNT AND CONFIGURATION OF
NEW STANDARD CHART ACCOUNT (TENDER NO. TNT/ONT/065/2024 - 2025)

ADDENDUM 11

The National Treasury has issued an addendum to the above issued tender as follows:

No.	Section	Clarification	Response
1	Database Compatibility:	<i>The technical specifications mention Oracle Database 12.1.0.2. Kindly confirm whether this is the intended version, as Oracle 12.1.0.2 is no longer supported on Exadata X11 or PCA X10 platforms. Will a supported version (e.g., 19c or 21c) be acceptable or required instead?</i>	Supported databases versions will be on 19c and above .

2	Platform Support:	<i>Please clarify if the intended deployment platform (e.g., Exadata X11 or PCA X10) has been certified by Oracle for the database and middleware versions specified in the tender. If not, should bidders propose newer platform/database combinations that are supported?</i>	The database and middleware versions are certified.
3	Software Certification:	<i>Can you provide the list of Oracle software components required (e.g., EBS, WebLogic, SOA, OBIEE, ODI, etc.) and confirm that all are certified for the proposed hardware platforms?</i>	All software will be upgraded to platform certified versions.
4	Virtualization Layer:	<i>If PCA X10 or equivalent converged infrastructure is proposed, what is the required hypervisor/virtualization layer (e.g., OVM, KVM, VMware)? Are there any restrictions on using open-source or proprietary virtualization technologies?</i>	The required hypervisor is KVM on PCA.
5	Licensing Model:	<i>Should bidders propose Oracle licensing under Oracle ULA, BYOL, or another model?</i>	Database licensing is out of scope for this tender.
6	High Availability:	<i>What are the mandatory high availability and disaster recovery requirements for the proposed database and middleware tiers (e.g., RAC, Data Guard, etc.)? Are multi-site or metro-cluster configurations expected?</i>	As indicated in the requirement, We will continue to use RAC for High Availability at DB tier, Fault Tolerance at the application tier. For Disaster recovery, we use Active Data Guard for DB and Oracle Native DR for the Application space
7	Performance Benchmarks:	<i>Are there defined performance benchmarks or SLAs (e.g., transactions per second, response time) that proposed systems must meet, especially given the sensitivity of IFMIS and accrual-based accounting operations?</i>	All matrixes have been addressed for in the sizing of the tender.
8	Storage Specifications:	<i>Please confirm whether all-flash storage arrays are mandatory or whether hybrid solutions (SSD + HDD) are acceptable. Is Oracle ZFS a preferred option?</i>	Bidders to provide what has been requested for in the tender as all factors were considered during the internal environment review and sizing.

9	Operating System Requirements:	<i>Are there specific requirements for operating systems (e.g., Oracle Linux 8, RHEL 9)? If Oracle Linux is mandated, should it be configured with UEK (Unbreakable Enterprise Kernel)?</i>	<p>The Application Tier should support the following guest operating systems: Oracle Linux – 9.x, 8.x, 7.x, Oracle Solaris – 11.x, RedHat Enterprise Linux – 9.2, 8.x, 7.x, CentOS Linux – 8.x, 7.x, SUSE Linux Enterprise Server – 15 (latest), 12 SP4, Ubuntu – 20.04 and later, 18.04 and later, Alma Linux OS – 9.2, Kali Linux, Microsoft Windows Server – 2022, 2019, 2016, 2012 R2, 2</p> <p>The Database tier should have Oracle Linux with the Unbreakable Enterprise Kernel (UEK).</p>
10	Support and Lifecycle:	<i>Are there specific minimum support lifecycles (e.g., Premier or Extended Support) required for all software and hardware components included in the bid?</i>	All hardware and embedded software will require support for one year as per the RFP.

All other terms and conditions remain the same.

**HEAD, SUPPLY CHAIN MANAGEMENT SERVICES
FOR: PRINCIPAL SECRETARY/THE NATIONAL TREASURY**