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APPROVAL & DISTRIBUTION

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1 PURPOSE AND SCOPE

The purpose and scope of this tender is to procure enterprise-grade server infrastructure to replace ageing servers that have reached or are approaching the end of their operational and support lifecycle. The procurement will include the supply and delivery of new server infrastructure to improve system reliability, performance, security, availability, scalability and supportability, while reducing the operational risks associated with ageing hardware.

The proposed solution must provide a resilient, high-performance and scalable server environment capable of supporting the organisation's current and future computing, storage and application requirements. The infrastructure must integrate seamlessly with the existing ICT environment, ensure compatibility with current enterprise systems and technologies, and support business continuity and operational efficiency.

The solution must also include appropriate manufacturer warranties, software and firmware support, and comprehensive technical support to ensure long-term operational sustainability and minimise service disruptions for 3 Year per server.

2 USER REQUIREMENT SPECIFICATION

Please find list below indicating systems that will be replaced with direct equivalent hardware please take note of requirements other info is informational to assist in determining the direct replacement hardware for each server.

Number	Computer name	Physical memory required	CPU information currently informational	Required Number of HDD	C Drive required -Raid10	Additional storage required RAID 10 or 5 capable	Number of network ports 1Gbps	Current Computer model Informational	Current Computer manufacturer	System slots	Rack mount	ILO needed	Warranty 3/3/3 - 3 year of parts-labour-onsite support
1	NODE-K742	65536 MB	1 x Intel(R) Xeon(R) Gold 5115 CPU	6	2 x 1.2TB	4 x 1.8TB	4	ProLiant DL360 Gen10	HPE	Open slot to add card like HBA in future	Yes	Yes	yes
2	NODE-M319	65536 MB	1 x Intel(R) Xeon(R) CPU E5-2630 v3	4	2 x 1.2TB	2 x 1.8TB	4	ProLiant DL360 Gen9	HPE	Open slot to add card like HBA in future	Yes	Yes	yes
3	NODE-D712	65536 MB	1 x Intel(R) Xeon(R) CPU E5-2630	2	2 x 1.2TB	MSA with 45 TB available direct connected	4	ProLiant DL360p Gen8	HPE	Open slot to add card like HBA in future	Yes	Yes	yes
4	NODE-R856	65536 MB	1 x Intel(R) Xeon(R) CPU E5-2630	6	2 x 1.2TB	4 x 1.8TB	4	ProLiant DL360p Gen8	HPE	Open slot to add card like	Yes	Yes	yes

										HBA in future				
										Open slot to				
5	NODE-T204	131072 MB	2 x AMD EPYC 7451 24-Core Processor	12	2 x 1.2TB	10 x 1.8TB	4	ProLiant DL385 Gen10	HPE	add card like HBA in future	Yes	Yes	yes	
6	NODE-B591	65536 MB	1 x Intel(R) Xeon(R) Gold 5218 CPU	5	2 x 1.2TB	3 x 1.8TB	4	ProLiant DL360 Gen10	HPE	Open slot to add card like HBA in future	Yes	Yes	yes	
7	NODE-H683	65536 MB	1 x Intel(R) Xeon(R) Gold 5115 CPU	2	2 x 1.2TB	none	4	ProLiant DL360 Gen10	HPE	Open slot to add card like HBA in future	Yes	Yes	yes	

3 REFERENCES, ABBREVIATIONS AND DEFINITIONS

This document is based on the latest current edition of the references listed below:

[1] N/A

[2] N/A

This list contains the abbreviations and definitions used in this document:

ABBREVIATION / ACRONYM	DEFINITION
URS	User requirement specification
SFF	Small form factor
SAS	Serial attached SCSI
SFP	small form-factor pluggable module
FC	Fiber Channel
CPG	Common provisioning group
HDD	Hard disk drive
SAN	Storage area network
HBA	Host bus adapter
Product	Output of an organization that can be produced without any transaction taking place between the organization and the customer
Risk	Effect of uncertainty
Efficiency	Relationship between the result achieved and the resources used
Effectiveness	Extent to which planned activities are realized and planned results are achieved

4 RESPONSIBILITIES

The following are assigned responsibilities within this document:

- The PROCESS OWNER or MANAGER shall establish the procedure to ensure process steps and activities are documented correctly.
- TEAM LEADERS and SUPERVISORS shall implement and maintain the procedure, identify gaps and take appropriate action to ensure compliance.
- EMPLOYEES shall adhere to the requirements as set out in this document.

5 LIST OF FORMS

No forms are required for the implementation of this document.

6 RECORDS

The following records are generated through the implementation of this document and are controlled in accordance with the relevant procedure.

RECORD	PROCESS OWNER	LOCATION	RETENTION PERIOD
Record Title	Job Title: SIM	SIM Records	5 years

REVISIONS

This document has been revised in accordance with the following schedule:

Rev. No.	Date approved	Nature of Revision	Prepared
1	See title page	First issue	