



THE PRESBYTERIAN UNIVERSITY OF EAST AFRICA

Finding New Paths

P.O. Box 387 - 00902, Kikuyu, Kenya
Tel: 0723 799 904 / 0769 500 702
Email: info@puea.ac.ke, Website: www.puea.ac.ke

TENDER NOTICE

**THE PRESBYTERIAN UNIVERSITY OF EAST AFRICA (PUEA) IS
IN THE PROCESS OF SOURCING FOR A SUITABLE UNIVERSITY
SERVER FOR A CRITICAL UNIVERSITY DATA.**

TENDER NO: PUEA/TEND/01/2025 - 2026

THE PROCUREMENT OFFICE
THE PRESBYTERIAN UNIVERSITY OF EAST AFRICA
P.O. Box 387 - 00902, Kikuyu, Kenya
Tel: 0723 799 904 / 0769 500 702
Email: procurement@puea.ac.ke

OPENING DATE: 28TH OCTOBER 2025

TIME: 8:00 AM

CLOSING DATE: 10TH NOVEMBER 2025

TIME: 5:00 PM

For Enquiries, Guidelines and more information
visit our website:
www.puea.ac.ke

INVITATION TO TENDER

PROCURING ENTITY : THE PRESBYTERIAN UNIVERSITY OF EAST AFRICA

CONTRACT NAME AND DESCRIPTION: TENDER DOCUMENT FOR THE SUPPLY AND INSTALLATION OF THE UNIVERSITY SERVER

- 1) The Presbyterian University of East Africa is a fully fledged Chartered Private University located in Kikuyu Kiambu County. The University invites sealed tenders for the provision of a University Server i.e. **Supply and Installation of the University Server.**
- 2) Tendering will be conducted under open competitive method using a standardized tender document that can be obtained from the Procurement Office during working hours (8.00 am to 5.00 pm Monday to Friday) or downloaded from our Website: (Tender Notice for the Supply and Installation of the University Server; Website www.puea.ac.ke Tendering is open to all qualified and interested Tenderers.
- 3) Tenderers who download the tender specification document must forward their particular to procurement@puea.ac.ke as soon as they have fulfilled the requirements.
- 4) Tenderers who submit in hard copies to deliver them in the Procurement Office during working hours.
- 5) Opening date 28th October 2025 at 8.00 am
- 6) Closing Date: 10th November 2025 at 5.00 pm
- 7) Late submission will be rejected.

Address for obtaining further information

Procurement Office
The Presbyterian University of East Africa University
P.O. Box 387- 00902
Kikuyu Kenya
Tel: + 254 0723 799 904 / 0769 500 702
Email: procurement@puea.ac.ke

3 Technical Specifications

I. Dell R760 Server

Base	PowerEdge R760 Server	1
Trusted Platform Module	Trusted Platform Module 2.0 V3	1
Chassis Configuration	2.5" Chassis with up to 24 SAS/SATA Drives, Front PERC 12, 2 CPU	1
Processor	Intel® Xeon® Gold 5418Y 2G, 24C/48T, 16GT/s, 45M Cache, Turbo, HT (185W) DDR5-4400	2
Processor Thermal Configuration	Heatsink for 2 CPU configuration (CPU greater than 165W)	1
Memory Configuration Type	Performance Optimized	1
Memory DIMM Type and Speed	5600MT/s RDIMMs	1
Memory Capacity	32GB RDIMM, 5600MT/s, Dual Rank	8
RAID/Internal Storage Controllers	Front PERC H965i Rear Load (for 2.5" x24 SAS/SATA chassis)	1
Hard Drives	2.4TB Hard Drive SAS 12Gbps 10K 512e 2.5in Hot-Plug	12
BIOS and Advanced System Configuration Settings	Power Saving Dell Active Power Controller	1
Advanced System Configurations	UEFI BIOS Boot Mode with GPT Partition	1
Advanced System Configurations	No Energy Star	1
Fans	Standard Fan x6	1
Power Supply	Dual, Hot-Plug, Power Supply FTR, 1100W MM (100-240Vac) Titanium, Redundant (1+1)	1
Power Cords	Rack Power Cord 2M (C13/C14 10A)	2
PCIe Riser	Riser Config 2, 2x8 FH Slots (Gen4), 4x8 FH Slots (Gen5), 2x16 LP Slots (Gen4)	1
Motherboard	Motherboard supports ONLY CPUs below 250W (cannot upgrade to CPUs 250W and above)	1
OCP 3.0 Network Adapters	No OCP 3.0 mezzanine NIC card, Blank Filler Only	1
Additional Network Cards	Broadcom 5720 Dual Port 1GbE LOM	1
Additional Network Cards	Broadcom 57454 Quad Port 10GbE BASE-T Adapter, PCIe Low Profile	1
GPU/FPGA/Acceleration Cables	No Cables Required, No GPU Blanks	1
Bezel	PowerEdge 2U Standard Bezel	1
Boot Optimized Storage Cards	BOSS-N1 controller card + with 2 M.2 480GB (RAID 1)	1
Embedded Systems Management	iDRAC9, Enterprise 16G	1
Rack Rails	Ready Rails Sliding Rails With Cable Management Arm	1
Dell Services: Hardware Support	Parts Only Warranty 12Months, 12 Month(s)	1
Dell Services: Extended Service	ProSupport and Next Business Day Onsite Service, 36 Month(s)	1

N.B:

The server comes with 12 X 2.4TB 10K disks that could provide between 20-24 TB usable space.

The server also come with 2 X M.2 480GB Boot optimized storage cards for installing the Proxmox Hypervisor

The warranty specified is for 3 years

II. Veeam Backup storage

Product	Description	Qty
VEEAM	Veeam Data Platform Solution with Perpetual License. Includes Enterprise Plus Edition features. 1 year of Production (24/7) Support is included.	3

The Veeam quoted is sized to protect up to 15 VMS and comes with support for one year.

The Veeam has recently added support for Proxmox hypervisor on their latest 12.2 V1 Release edition

III. HP DL380 G7 Accessories

No.	Products	Qty
1	HP 8-Bay 2.5 inch SAS Cage	1
2	HP 1-TB 3G 7.2K 2.5 SATA Disks	12
3	HP 24 Bay 3G SAS Expander Card	1
4	HP 460W Power Supply Kit	1

N.B:

1. The SAS cage will allow for addition of 8 disks to the server chassis. This will allow the server hold a total of 16 disks
 2. Out of the 12 disks, 4 disks will go into the open slots in the current disk cage. The remaining 8 will go into the new drive cage
 3. The SAS expander card will connect the current disk cage and the new disk cage. This card will then be connected to the existing raid controller on the server to allow for all the 1 TB disks to be put on one single raid pool.
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