

MINIMUM REQUIREMENT

Bid Announcement No:	(IUL)223/1/2026/33 (13 th August 2026)
Bid Submission Deadline Date:	26 August 2026
Bid Submission Deadline Time:	10:00 am
Bid Submission Venue:	Tax Appeal Tribunal (G. Maagaha – 2 nd Floor, Meeting Room)
Contact Number and email for Information:	procurement@tat.gov.mv Phone: 3015555

Minimum Requirements for Enterprise Server (with Installation)

TO BE FILLED BY BIDDER

S. No	Qualifying Minimum Requirements		Bidder Response (Yes / No)	Technical References (Page Numbers)
1	Make			
2	Model			
3	Country of Origin			
4	5 Year comprehensive manufacturer onsite warranty			
5	Country of Manufacture should be provided			
6	Manufacturer should be ISO 9001 accredited			
7	Manufacturer Authorization should be provided			
8	Configuration and Features			
8.1	Form factor	1U or 2U Rack mountable		
8.2	CPU	Intel® Xeon® 6 Performance 6517P 3.2G, 16C/32T, 24GT/s, 72M Cache, Turbo, (190W) DDR5-6400		
8.3	Memory	128GB RDIMM, 6400MT/s, Dual Rank or higher		
8.4	Memory speed	should be 6400MT/s or higher		
8.5	Internal storage -1	480GB SSD SATA Read Intensive 6Gbps 512e 2.5in Hot-plug AG Drive, 1 DWPD Raid 6		
8.6	Storage Controller	Embedded / PCIe based x16 RAID controller with 4GB		



		Flash backed write cache, supporting RAID 0, 1, 5, 6, 10, 50, 60. Must support mix-and-match SAS, SATA, and NVMe drives to the same controller. Controller must support 6G SATA, 12G SAS, 16G NVMe.		
	Chassis	2.5" Chassis with up to 8 Hard Drives (SAS/SATA), Smart Flow, Rear IO		
8.7	Maximum Storage Capacity	A total storage capacity of at least 480GB X 6 With RAID 6 should be Upgradable for future requirements.		
8.8	Network Ports	Should consist of 4 nos of 1GbE interfaces 2 nos 10G SFP+ interfaces		
8.9	Video interface	Should consist of a Video mode up to 1920 x 1200@60Hz		
8.10	I/O expansion slots	Should consist of at least 1 or more X16 FH, HL Gen 5 compatible PCIe slots		
8.11	Interface Ports	Should consist of 4nos of USB with 3.2 Gen1 ports		
8.12	Security features	Should have purpose-built security framework to mitigate threats to the integrity of fundamental system firmware. Power-on and administrator's password.		
		UEFI Secure Boot and Secure Start support. Tamper-free updates - components digitally signed and verified. Immutable Silicon Root of Trust Ability to rollback firmware FIPS 140-2 validation Secure erase of NAND/User data Common Criteria certification TPM (Trusted Platform Module) 1.2 option should be built in.		
		Should be Common Criteria -Trusted Computing Group (CC-TCG) certified. Documentary evidence should be provided		
9	Remote management			
9.1	Should consist of a dedicated network interface for remote management.			
9.2	Should have features to remotely access the server through secure web-based interface.			
9.3	Software should support dashboard view to quickly scan the managed resources to assess the overall health of the data center. It should provide an at-a-glance visual health summary of the resource's user is authorized to view.			

9.4	Zero Touch Provisioning (ZTP) using SSDP with remote access			
9.5	Should have dashboard for firmware baselines while performing minimum required firmware checks and highlighting out-of-compliance devices for updates with the selected firmware baseline			
10	Critical system Operational status monitoring (agent free)	CPU monitoring		
		SSD drive degradation		
		Memory monitoring		
		Internal storage errors		
		Fans and power supply monitoring		
		Temperature monitoring		
		Realtime power monitoring		
		Email based alerting		
11	Server Virtualization Solution			
11.1	An industrial standard commercial scale Server Virtualization solution should be included with the server			
12	Operational Parameters			
12.1	Should consist of dual redundant 800W power supply units operating at 240V/50Hz			
12.2	Should consist fans in redundant hot pluggable configuration			
12.3	Operating temperature	Should support an extended operating temperature range from 5–45°C.		
12.4	Humidity	Up to 90% relative humidity (RH)		
12.5	Should consist of a 19" rack mountable enclosure			
13	Server Reliability	Must be within first 5 brands with most reliable server hardware in the market		
14	Support Services			
14.1	Original equipment manufacturers should maintain all required spare parts in an independent in country parts depot. (Proof documents should be attached along with the bid)			
14.2	Should have 8x5 access to the manufacturer's customer service support center via phone and email for requesting troubleshooting assistance.			
14.3	Should be able to upgrade the firmware of the systems, even after the support contract is over			
14.4	Should support dual silicon root of trust with enhanced security incidents prevention and protect the systems from unwanted configuration changes.			
15	Operating system			

	Should be included 2 X windows server 2025 Std licenses and make sure to be run 4 nos VMs without compliance issue. Should Support Below OS. Microsoft Windows Server VMware ESXi This does not include support for Intel High Bandwidth Memory (HBM) processors. Red Hat Enterprise Linux (RHEL) SUSE Linux Enterprise Server (SLES) Canonical Ubuntu Oracle Linux and Oracle VM Proxmox Virtual Environment Virtualization platform		
16	Bidder should be support for the data migration between existing Server and New proposed server		
17	4 X 10G SFP+ Modules		

Warranty & Support

Hardware Warranty	Minimum 5 years' Service Support with Next Business Day Onsite Service.
Firmware & Driver Updates	Included for the duration of support.

Software Licensing

2 X Microsoft Windows Server 2025 Standard Licenses (sufficient to run 4 VMs without compliance issues). Use Proxmox Virtual Environment or another virtualization platform	Quantity: 4 nos install on VMs
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Installation and Setup

• Server Should be Configured and Installed in Rack • 04 VMs Should be Running on Virtual Environment (Microsoft Windows Server 2025 Standard on Proxmox Virtual Environment) • Regarding VMs Setup information Will be Provided By ICT. • Server Should be Connected to Network Switch and Configured with 2 X 10G SFP+ Server to Switch 4 X 10G SFP+

