

## **TERMS OF REFERENCE (TOR)**

For the Procurement of IT Equipment: Purchase of Monitor(Dell 27 Monitor S2721HN 27 FHD IPS Monitor(1920x1080)2x HDMI) or equivalent for Users Working with Big Data , Loznron Tianle Laptop Stands with Docking Stations or equivalent and RAM module for HPE ProLiant DL380 Gen9 Server

### **1. Background**

ICT department requires the procurement of ICT equipment to enhance user productivity, improve workstation and ensure optimal performance of critical infrastructure systems. This includes end-user accessories, display equipment and server hardware upgrades.

### **2. Objective**

The objective of this procurement is to acquire:

- Loznron Tianle Laptop Stands with Docking Stations or equivalent
- Monitor(Dell 27 Monitor S2721HN 27 FHD IPS Monitor(1920x1080)2x HDMI) or equivalent
- RAM module for HPE ProLiant DL380 Gen9 Server These item must meet operational requirements, ensure compatibility with existing infrastructure, and support business continuity.

### **3. Scope of Work and Deliverables**

The scope includes the following activities:

The successful supplier will be required to:

- Supply and delivery of the specified equipment
- Ensuring compatibility with existing ICT environment
- Providing warranty and support documentation

### **4. Specification**

#### **4.1 Dell Monitor**

- Monitor (Dell 27 Monitor S2721HN 27 FHD IPS Monitor(1920x1080)2x HDMI) or equivalent



## 4.2 Laptop Stand and Docking Station

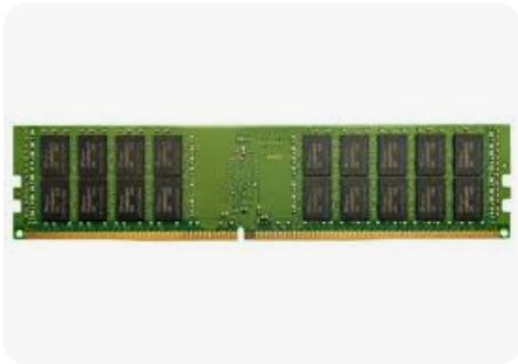
- Adjustable height and angle for Comfort oriented use
- Sturdy construction (aluminium or equivalent durable material)
- Non-slip surface and base with Integrated docking station or hub  
Minimum ports:
  - USB-A ports (at least 2)
  - USB-C port(s)
  - HDMI or DisplayPort for external monitor support
  - Ethernet (RJ45), if applicable
  - Audio jack (if available)
- Suitable for laptops ranging from **13 to 17 inch** (or equivalent)
- Desk-mounted or free-standing design suitable for office environments
- Support for external display
- Plug-and-play functionality



## 4.3 Technical Requirements For RAM Module

The RAM modules must meet the following specifications:

- Compatibility: HPE ProLiant DL380 Gen9
- Type: DDR4 Registered DIMM (RDIMM) or Load Reduced DIMM (LRDIMM)
- Speed: 2133 MHz / 2400 MHz (depending on current configuration)
- Capacity: 16GB
- Error Correction: ECC (Error-Correcting Code)
- Form Factor: Server-grade DIMM
- Vendor: HPE-certified or equivalent compatible



ESUS IT

Memory RAM 16GB HPE ProLiant D...

## 5. Justification

### 5.1 Dell Monitor

The procurement of the Monitor(Dell 27 Monitor S2721HN 27 FHD IPS Monitor(1920x1080)2x HDMI) or equivalent is necessary for the following reason:

**Increased Productivity** :With big data, the ability to view large datasets and data visualizations on a single screen at full resolution is crucial for faster decision-making and analysis.

### 5.2 Laptop Stand and Docking Station

The procurement of the Loznron Tianle Laptop Stand with Docking Station for Desk or equivalent is required to improve user comfort, workstation efficiency and device connectivity..

### 5.3 For RAM Module

The server has recently experienced repeated system instability, including frequent hangs, unexpected shutdowns and loss of remote connectivity. These disruptions have directly impacted critical services, including the DHCP resulting in operational interruptions..

The continued use of faulty RAM presents the following risks:

- Increased frequency of server crashes and downtime
- Potential data corruption and loss

- Inability to reliably deliver critical network services
- Increased dependency on manual intervention (physical restarts)
- Reduced overall system performance and reliability

## **6. Costing and Budget**

The total cost for the purchase of the above equipment should be market-related, ensuring that the pricing aligns with current market rates for the required specifications:

Monitor (Dell 27 Monitor S2721HN 27 FHD IPS Monitor(1920x1080)2x HDMI) or equivalent ( Quantity 2)

Loznron Tianle Laptop Stand with Docking Station for Desk or equivalent ( Quantity 2)

RAM module for the HPE ProLiant DL380 Gen9 ( Quantity 1)