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State Security Agency
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Delivery times :

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Quotation deadl.: 16.10.2026
Delivery date: **31.10.2026**

REQUEST FOR QUOTATION

RFQ number/date
6000028447 / 09.10.2026
Contact person/Telephone
TONDANI MDUNGE/012 427 5070

Your vendor number with us
200005526

Item	Material	Quantity Unit	Description
00010		2 each	Mac Studio Chip: Apple M5 Ultra Memory: 96GB Unified memory Storage: 512GB SSD Processor Apple M5 Ultra chip. 30-core CPU with 10 super cores and 20 performance cores 64-core GPU Neural Accelerators Hardware-accelerated ray tracing 32-core Neural Engine 1.2TB/s memory bandwidth Connection and Ports 4 x Thunderbolt 5 (USB-C) with support for: • Thunderbolt 5 (up to 120Gb/s) • USB 4 (up to 120Gb/s) • USB 3 (up to 10Gb/s) • DisplayPort 2.1

Item	Material	Quantity Unit	Description
			• Two USB 3 (USB A) ports (up to 5Gb/s) • HDMI 2.1 port • 10Gb Ethernet • 3.5 mm headphone jack • On front (M5 Ultra): • Two Thunderbolt 5 ports (up to 120Gb/s) • SDXC card slot (UHS-II) Input Voltage: 220V/240V AC (50Hz to 60Hz) Operating System: macOS
00020		1 each	Rack Server (with GPU) • Chassis: 2U Rack Server (8 x 2.5-inch or EDSFF NVMe backplane). • Processors: 2 x Intel Xeon 6 Processors (e.g., Xeon 6 6700E or 6700P series). • Memory (512 GB): DDR5 ECC Registered Memory. - o Configuration: 8 x 64 GB DDR5 RDIMMs running at up to 6400 MT/s. • Storage (Data - 8 TB): 4 x 2 TB Enterprise EDSFF E3.S Gen5 NVMe or standard 2.5-inch NVMe SSDs. • Storage (OS Boot): Dell BOSS-N1 (Boot Optimized Storage Subsystem) with 2 x 480 GB M.2 NVMe SSDs in hardware RAID 1. • Storage Controller: Dell PERC H965i Front RAID Controller. • GPU Accelerators: 3 x NVIDIA L4 (24GB) passive, single-wide, full-height PCIe Gen5 accelerators. • PCIe Expansion: Dell Multi-Riser Configuration (providing multiple Full Height - Half Length PCIe Gen5 x16 slots). • Power Supply: 2 x Dell 1400W or 1500W Titanium Hot-Plug Redundant Power Supplies (1+1 Redundant). • Cooling: Dell High Performance Gold (HPR GOLD) or High Performance Silver (HPR SLVR) Hot-Plug Fans. • Networking: Broadcom or Mellanox Dual-Port 10/25GbE OCP 3.0 Network Adapter. • Management: iDRAC10 Enterprise with a dedicated management port. OR • Chassis: 2U Rack Server (SFF or EDSFF drive cage configuration).

Item	Material	Quantity	Unit	Description
				• Processors: 2 x Intel Xeon 6 Processors (e.g., Xeon 6 6700E or 6700P series). • Memory (512 GB): HPE DDR5 Smart Memory. • Configuration: 8 x 64 GB DDR5 RDIMMs running at up to 6400 MT/s • Storage (Data - 8 TB): 4 x 2 TB Enterprise EDSFF E3.S NVMe or standard SFF NVMe SSDs. • Storage (OS Boot): HPE Front Accessible Boot Device (2 x 480 GB M.2 NVMe in hardware RAID 1). • Storage Controller: HPE MR series Gen12 Storage Controller. • GPU Accelerators: 3 x NVIDIA L4 (24GB) passive, single-wide, full-height PCIe Gen5 accelerators. • PCIe Expansion: HPE ProLiant DL380 Gen12 Primary Riser Option-1. • Power Supply: 2 x HPE 1600W Flex Slot Titanium Hot-Plug Power Supplies (1+1 Redundant). • Cooling: HPE DL380 Gen12 High-Performance Fan Kit. • Networking: HPE OCP 3.0 Network Adapter (10/25GbE). • Management: HPE Integrated Lights-Out 7 (iLO 7) Advanced with a dedicated out-of-band management port.
00030		2	each	Rack Server (without GPU) • Chassis: 2U Rack Server. • Processors: 2 x Intel Xeon 6 Processors (e.g., 6700E or 6700P series). • Memory (512 GB): Dell DDR5 ECC Registered Memory. • Configuration: 8 x 64 GB DDR5 RDIMMs running at up to 6400 MT/s (balanced configuration; leaves 24 slots open). • Storage (Data - 8 TB): 4 x 2 TB Enterprise EDSFF E3.S NVMe or standard SFF NVMe SSDs. • Storage (OS Boot): Dell BOSS-N1 (Boot Optimized Storage Subsystem) with 2 x 480 GB M.2 NVMe SSDs in hardware RAID 1. • Storage Controller: Dell PERC H965i Front RAID Controller. • PCIe Expansion: Dell Standard Riser Configuration (provides standard PCIe Gen5 slots for host bus adapters). • Power Supply: 2 x Dell 800W or 1100W Titanium Hot-Plug Redundant Power Supplies. • Cooling: Dell Standard Hot-Plug Redundant Fans (quiet, efficient cooling profile suited for standard compute virtualization).

Item	Material	Quantity	Unit	Description
				• Networking: Broadcom or Mellanox Dual-Port 10/25GbE OCP 3.0 Network Adapter. • Management: iDRAC10 Enterprise with dedicated management port OR • Chassis: 2U Rack Server. • Processors: 2 x Intel Xeon 6 Processors (e.g., 6700E or 6700P series). • Memory (512 GB): HPE DDR5 Smart Memory. - o Configuration: 8 x 64 GB DDR5 RDIMMs running at up to 6400 MT/s • Storage (Data - 8 TB): 4 x 2 TB Enterprise EDSFF E3.S NVMe or standard SFF NVMe SSDs. • Storage (OS Boot): HPE Front Accessible Boot Device (2 x 480 GB M.2 NVMe in hardware RAID 1). • Storage Controller: HPE MR series Gen12 Storage Controller (e.g., MR416i-o). • PCIe Expansion: Standard HPE PCIe Gen 5.0 Primary Riser (for standard network/fiber expansion). • Power Supply: 2 x HPE 800W or 1000W Flex Slot Titanium Hot-Plug Power Supplies (1+1 Redundant). • Cooling: Standard HPE DL380 Gen12 Air Cooling Kit (standard dual-rotor fans, avoiding the noise and draw of the GPU high-performance kits). • Networking: HPE OCP 3.0 Network Adapter (10/25GbE). • Management: HPE Integrated Lights-Out 7 (iLO 7) Advanced with dedicated out-of-band port.

00040 Rugged Tablet
2 each

Display: Size: 12.2 inch
 Resolution: 1200*1920
 Ports: USB 3.1
 USB Type-C (USB3.0/HDMI/Charging)
 SIM card slot
 Touch Panel: Hardness over 7H, Support glove touch
 Operating System: Windows 11
 Processor: Intel Core i5-1235U or better
 Memory: RAM: 16GB
 ROM: 128GB (SSD)
 Communications: Wi-Fi
 Bluetooth

Item	Material	Quantity	Unit	Description
				Ethernet (10Gb) RTC Battery: Built-in RTC battery Connectivity: Wi-Fi: 802.11ax, Dual Frequency WAN: 4G or better Bluetooth: Bluetooth 5.1 GNSS: GPS IP Ratings: IP65 Drop Resistance: MIL-STD-810H or 1.22m drop
00050		5	each	Compact Biometric Identity Verification Device (HID EikonTouch 710) Sensor Technology: Capacitive Image Resolution: 508 dots per inch (dpi) or better Authentication method: Touch Interface: USB 2.0, providing both power and full-speed data connectivity. Compatibility: Standard biometric frameworks, including Windows Biometric Framework (WBF) Storage: 100 fingerprints or better Security: AES-256 encryption Environment: IP65/IP66
00060		2	each	Indoor Wireless Access Point (TP-LINK EA773) Indoor Wireless Access Point (TP-LINK EAP773) Hardware Features Interface 1× 10G Ethernet Port Power Supply 802.3bt PoE or 12V/2.5A DC Power Consumption Support Smart Power Consumption Management • 24.05 W (802.3bt, full functionality); • 20.92 W (12/2.5A, full functionality); • 22.4 W (802.3at decrease 6GHz Power); • 10.1. W (802.3af, radio off, only main chip and LAN working)

Item	Material	Quantity	Unit	Description
				Antenna Type • 2.4 GHz: 2× 3.0 dBi • 5 GHz: 2× 3.0 dBi • 6 GHz: 2× 3.0 dBi Mounting Ceiling / Wall Mounting (Kits Included) Wireless Features Wireless Client Capacity 2 GHz: 128** 5 GHz: 128** 6 GHz: 128** Wireless Standards IEEE 802.11 a/b/g/n/ac/ax/be Frequency 6 GHz, 5 GHz, and 2.4 GHz Signal Rate 574 Mbps (2.4 GHz) + 2880 Mbps (5 GHz) + 5760 Mbps (6 GHz)† Analytics: Embedded location analytics reporting and device tracking Global L7 traffic analytics reporting per network, per device, and per application Wireless Security • Captive Portal Authentication□ • Access Control • Maximum number of MAC Filter: 4,000 • Wireless Isolation Between Clients • VLAN • Rogue AP Detection • WPA-Personal/Enterprise, WPA2-Personal/Enterprise, WPA3-Personal/Enterprise MANAGEMENT Omada App Yes Centralized Management • Omada Cloud-Based Controller • Omada Hardware Controller (OC300) • Omada Hardware Controller (OC200) • Omada Software Controller Cloud Access Yes. Require the use of an OC300, OC200, Omada Software Controller, or an Omada Cloud-Based Controller. Web-based Management Yes
00070		2	each	LTE IoT board (e.g MikroElektronika LTE IoT 2 Click, MikroElektronika LTE IoT 4 Click) Features: LTE, GPS

Item	Material	Quantity Unit	Description
			Interface: UART and USB/I2C/SPI Compatibility: mikroBUS
00080		2 each	MikroE Pi 5 Click Shield
			MikroE Pi 5 Click Shield
00090		2 each	Multiband antenna
			RF Protocols: 2G (GSM/GPRS), 3G (UTMS), 4G (LTE), Wi-Fi Frequency Range: 1800 - 1900 MHz and 850 - 900 MHz Connector Type: SMA Male Physical Form: Whip Directivity: Omnidirectional
00100		1 each	External Active GPS Antenna
			Connector Type: SMA male Lead Length: 5m Gain: 28dBi Mount: Magnetic Operating Voltage: 3V - 5V dc
00110		2 each	SMA to uFL Coaxial Cable
			Connector 1: uFL, Female Connector 2: SMA, Female Connectivity: 1x HDMI 2.0 1x USB-C Refresh Rate: 120Hz

Item	Material	Quantity Unit	Description
			Resolution: QHD(2560 x 1440) Length: 100mm
00120		1 each	Plug-In AC/DC 12V Adapter Plug Type: Type C Output Voltage: 12V dc Output Current: 500 mA or 1A
00130		1 each	Fibre Optic Patch Cord Cable Type: Fibre Optic Patch Cord Fibre Grade: OM4 Multimode Length: 3 meters Connectors: Duplex LC to Duplex LC (UPC Polish) Fibre Type: Laser-Optimised Multimode 50/125 micro-meter
00140		3 each	PC Monitor Display: 27" (68.1 cm) Type: Flat Ports: 1x HDMI 2.0 1x USB-C Refresh Rate: 120Hz Resolution: QHD(2560 x 1440)
00150		1 each	220V to 110v AC Step-down transformer 220V to 110v AC Step-down transformer

Item	Material	Quantity Unit	Description
	Input voltage: 220V/240V AC Output voltage: 2 x 110V AC Power: 1000 watts Weight: < 6Kg		
00160		100 each	CAT6 RJ45 Connector
	CAT6 RJ45 Connector		
00170		100 each	RJ45 Boot
	RJ45 Boot		
00180		5 each	Power Supply Fuse
	T8AL250V, 5x20mm Cartridge Glass		
00190		1 each	FTDI Chip USB to UART Cable
	FTDI Chip, RS232, USB A		
00200		1 each	GPS-Synchronised NTP Network Time Server
	GPS-Synchronised NTP Network Time Server		
	Primary Time Source: High-sensitivity, multi-channel (72+ channel) GPS receiver for rapid satellite acquisition and tracking GNSS Compatibility: Support GPS, GLONASS, Galileo, and BeiDou Antenna: Weatherproof, active GPS/GNSS antenna with a coaxial cable (typically 15-30m) Holdover Oscillator: High-stability OCXO (Oven-Controlled Crystal		

Item	Material	Quantity Unit	Description
			Oscillator) Ethernet Ports: 2 x 1 Gigabit Ethernet (10/100/1000 Base-T) RJ45 ports Form Factor: 1U rack-mountable chassis Display: Front-panel LCD display with keypad
00210		1 each	Passive Optical TAPs Passive Optical TAPs Fibre Type: Multimode (MMF) - OM3/OM4/OM5 Laser-optimised for short-range Single-mode (SMF) - OS1/OS2, 9/125um core for long-range Network Connectors: Duplex LC (IPC or APC polish) Form Factor: Rack-Mount Chassis - 1U or 2U chassis. Ports: 2 x Network Ports 2 x Monitor Ports Ethernet Ports: 2 x 1 Gigabit Ethernet (10/100/1000 Base-T) RJ45 ports Form Factor: 1U rack-mountable chassis Display: Front-panel LCD display with keypad
00220		1 each	Fibre Optic Cable Length: 3m Propagation Mode: OM4 Multi Mode Fibre Type: OM4
00230		1 each	Solderless Breadboard Kit Breadboard with rugged steel backing 3x 630 tie point terminal circuits 5x 100 tie point distribution strips

Item	Material	Quantity Unit	Description
			4x screw terminals for power supply connections Adhesive rubber feet
00240		2 each	Electronic signature pad (e.g. Wacom STU-540) Display & Design • Screen Size: 5.0" (108 x 65 mm active area) • Display Type: Amorphous TFT LCD (Full Color) • Native Resolution: 800 x 480 pixels • Surface: Hardened, anti-glare etched cover glass for a natural pen-on-paper feel • Overall Dimensions: 163 x 157 x 10 mm (6.41 x 6.18 x 0.39 inches) • Weight: 275 g (0.6 lbs) • Power Supply: USB bus powered (2.5 W maximum power consumption) Pen & Tracking Technology • Reading Technology: Electromagnetic Resonance (EMR) • Pen Type: Patented cordless, battery-free pen • Pressure Levels: 1024 (non-interpolated) to accurately capture signature profiles and biometric data • Report Rate: 200 points per second (non-interpolated) • Coordinate Resolution: 2540 lpi / 0.01 mm/pt (non-interpolated) • Coordinate Accuracy: ± 0.5 mm in the center Security & Connectivity • Encryption: State-of-the-art AES 256 / RSA 2048 encryption to protect secure transactions • Hardware Security: Unique Hardware ID (UID) to confirm the exact unit used for a signature capture, plus a Kensington security lock slot • Interfaces: USB 2.0 / VCP / RS-232 (Serial connectivity available via a separate accessory kit) • Virtualization Support: Native support for Citrix v7.6.3 and newer in standard USB mode; Virtual COM Port (VCP) mode supported for Citrix XenDesktop and XenApp v6.5 and VMware environments SDK Support

Item	Material	Quantity Unit	Description
00250		1 each	Professional-grade hand tool kit (Harden Professional-grade hand tool kit (Harden 77 Pcs Top Quality Tools Set Harden 77 Piece Top Quality Too Set 510777
00260		3 each	65 Inch TVs Size: 65 inch Refresh rate: 50Hz/60Hz or higher Display Type: LED/UHD (4K) or higher
00270		1 each	Rugged Mobile Scanner (Chinway C66 or Hi Rugged Mobile Scanner (Chinway C66 or Hikvision DS-MDT202) Operating System Android 13 or later RAM / Storage 4 GB / 64 GB Display 5.5-inch HD or IPS multi-touch Processor Octa-core 2.0 GHz or better Mobile Connectivity 4G LTE Wi-Fi / Bluetooth Dual-band Wi-Fi, Wi-Fi 6-ready / Bluetooth 5.0 or later NFC / GPS NFC / GPS, GLONASS, BeiDou, Galileo Rear Camera 13 MP autofocus Battery Removable 4,420 mAh or better, quick charge Barcode Scanning 1D/2D scanning available Rugged Rating IP65 or IP68 Dimensions / Weight < 300 g
00280		2 each	Tone and Probe Kit

Item	Material	Quantity	Unit	Description
	Fluke Networks tone and probe: IntelliTone Pro 200 Probe. Digital + analog toning. CableMap tests for opens, shorts, reversed/crossed pairs. Active network safe. Audible + LED signal strength. Works on Cat5e/6, coax, speaker wire			
00290		2	each	Network/cable Auto Tester
	Network/cable Auto Tester			
	NetAlly LinkRunner: LinkRunner AT 2000. Copper 10/100/1000/10G + SFP Fiber 100/1000. One-button AutoTest: link, VLAN, DHCP, DNS, gateway, PoE. CDP/LLDP/EDP switch discovery. TDR wiremap + cable length. PoE load test up to 30W. Results export to Lin			
00300		2	each	Crimping tool
	Crimping Tool: Ratchet RJ45/RJ12/RJ11 crimper.			
00310		1	each	Lumeo Pro Smart Pump Xtreme -with jump s
	Lumeo Pro Smart Pump Xtreme -with jump starter			