



Public Procurement and Disposal of Assets Authority

Jireh bible House
Area 3
Lilongwe
MALAWI

Private Bag 383, Lilongwe3
Phone: (265) 0887083262/3/4
Email: dg@ppda.mw
Website: www.ppda.mw

REQUEST FOR QUOTATIONS (FOR GOODS)

Procurement Number: PPDA/SC/12/2024

To:

.....

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Date:3/12/2024

The Procuring Entity named above invites you to submit your quotation for the goods described herein. Partial Quotations may be rejected, and the Purchaser reserves the right to award a contract for selected items only. Any resulting order shall be subject to the Government of Malawi General Conditions of Contract for Local Purchase Orders (available on request) except where modified by this Request for Quotations.

SECTION A: QUOTATION REQUIREMENTS:

1) Description of Supply and Delivery

SUPPLY, DELIVERY AND INSTALLATION OF A SERVER CHASSIS

- 2) The quotation prices should be based on:
for goods supplied from within Malawi; EXW – insured and delivered to **PPDA OFFICES**
or for goods supplied from outside of Malawi; CIP to **PPDA OFFICES**
- 3) The delivery period required is 5 days from date of order.
- 4) Quotations must be valid for **30 Days** from the date for receipt given below.
- 5) The warranty/guarantee offered shall be: **12** months.
- 6) Quotations and supporting documents as specified in Section B must be marked with the Procurement Number given above and indicate your acceptance of the terms and conditions.
- 7) Quotations must be received, in sealed envelopes, no later than: **2:00PM** on **9th December 2024**
- 8) Quotations must be returned to:
The IPDC Chairperson,
Public Procurement and Disposal of Assets Authority,
Private Bag 383,
Lilongwe 3

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9) The attached Schedule of Requirements at Section C, details the items to be purchased. You are requested to quote your delivered price for these items by completing and returning Sections B and C.

10) Samples should be provided in a separate envelop marked with Procurement Number: PPDA/SC/12/2024 and name of company

Quotations that are responsive, qualified and technically compliant will be ranked according to price. Award of contract will be made to the lowest priced quotation by item or by total through the issue of a Local Purchase Order.

Signed:  Name: **CHIMWEMWE WIRIMA**

Title/Position: **CHIEF PROCUREMENT OFFICER**

For and on behalf of the Purchaser

Authorised By:

Signature: _____ Name: _____

Position: _____ Date: _____

(DD/MM/YY)

Authorised for and on behalf of:

Company: _____

Address:

.....

If any additional documentation is attached to your quotation, a signature and authorisation at Section B and Section C is still required as confirmation that the terms and conditions of this RFQ prevail over any attachments. If the Quotation is not authorised in Section B and Section C, the quotation may be rejected.

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Your quotation is to be returned on this Form by completing and returning Sections B and C including any other information/certification required within this RFQ.

SECTION B: QUOTATION SUBMISSION SHEET

- 1) Currency of Quotation: Malawi Kwacha**
- 2) Delivery period offered: days/weeks/months from date of Purchase Order.**
- 3) The validity period of this Quotation is: days from the date for receipt of Quotations.**
- 4) Warranty period (where applicable):..... months.**
- 5) We attach the following documents:**
 - i. Section B & C of the Request for Quotations completed and signed;**
 - ii. A copy of our Business Registration form,**
 - iii. A copy of our Annual Tax Clearance Certificate**
 - iv. Evidence of Registration with Malawi Revenue Authority**
 - v. A list of recent similar Government contracts performed,**
 - vi. A Copy of MSME**
 - vii. A copy of PPDA Certificate**
 - viii. A copy of server chassis brochure**
- 6) We confirm that our quotation is based on the terms and conditions stated in your Request for Quotations referenced above, and that any resulting contract will be subject to the Government of Malawi General Conditions of Contract for Local Purchase Orders.**
- 7) We confirm that the prices quoted are fixed and firm for the duration of the validity period and will not be subject to revision or variation.**

IF ANY ADDITIONAL DOCUMENTATION IS ATTACHED TO YOUR QUOTATION, A SIGNATURE AND AUTHORISATION AT SECTION B AND SECTION C IS STILL REQUIRED AS CONFIRMATION THAT THE TERMS AND CONDITIONS OF THIS RFQ PREVAIL OVER ANY ATTACHMENTS. IF THE QUOTATION IS NOT AUTHORISED IN SECTION B AND SECTION C, THE QUOTATION MAY BE REJECTED.

SECTION C: SCHEDULE OF REQUIREMENTS (TO BE PRICED BY BIDDER)

Item No	Description of Goods (Attach detailed specification if necessary)	Unit of Measure	Quantity	Delivered Unit Price Kwacha	Delivered Total Price Kwacha
1	Server Chassis (see attached specifications)	Each	1		
Total					

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The following attachments are appended to clarify the Description of Goods: Technical Specifications of the server chassis

Authorised By:

Name: _____

signature _____

Date: _____

Position:

(DD/MM/YY)

Authorised for and on behalf of:

Company: _____

Technical specifications

Feature	Parameter
Chassis enclosure	<p>Form factor: 10U modular enclosure holds up to 8 full-height, 16 half-height, or 32 quarter-height blade servers Dimensions: 44.0cm (17.3 in.) H x 44.7cm (17.6 in.) W x 75.4cm (29.7 in.) D Weight:</p> <ul style="list-style-type: none">• Empty chassis — 98 lb• Chassis with all rear modules (I/O modules, PSUs, CMCs, KVM) — 176 lb
Power supplies	<p>Up to six 2700W high-efficiency hot-plug power supplies or up to six -48V DC 2700W power supplies</p> <p>Based on Dell’s Energy Smart technologies, the M1000e power supplies deliver greater levels of efficiency, even at low levels of utilization.</p> <p>Supported power supply configurations include:</p> <ul style="list-style-type: none">• 3+3 and 2+2 (grid redundancy)• 2+1, 3+1, 4+2, and 5+1 (power supply redundancy)• 2+0 and 3+0 (non-redundant mode) <p>The M1000e chassis supports dynamic power supply engagement (DPSE) mode, which if enabled, puts lightly loaded power supplies into standby mode, driving up the utilization and the efficiency of the active supplies.</p> <p>Dell supports either 110–120V or 208–240V AC power supply input and supports a wide range of power distribution options. Dell recommends 208–240V AC for all production environments.</p>
Cooling fans	<p>M1000e chassis comes standard with nine hot-pluggable, redundant fan modules:</p> <ul style="list-style-type: none">• Based on Dell Energy Smart technologies, M1000e fans are a breakthrough in power and cooling efficiency• Fans deliver low-power consumption, but also use next-generation fan technologies to ensure the lowest possible amount of fresh air is consumed to cool the enclosure
Input device	<p>Front control panel with interactive graphical LCD</p> <ul style="list-style-type: none">• Supports initial configuration wizard• Local server blade, enclosure, and module information and troubleshooting <p>Two USB keyboard/mouse connections and one video connection (requires the optional Avocent® iKVM switch to enable these ports) for local front “crash cart” console connections that can be switched between blades</p>

Feature	Parameter
<p>Enclosure I/O modules</p>	<p>Up to six total blade I/O modules for three fully redundant fabrics that take advantage of a fully passive midplane that can scale up to 8.4Tbps with current technologies featuring 1/10Gb Ethernet to servers, 40Gb Ethernet to top-of-rack switches, Fibre Channel 8Gb, and InfiniBand QDR/FDR10/FDR. Dell's blade Ethernet devices also have FlexIO technology, providing on-demand uplink scalability and investment protection unrivaled in the blade server market.</p> <p>Dell PowerEdge M I/O Aggregator Supports Active System Manager and CMC Aggregator GUI. 1/10 Gb Ethernet connectivity with Zero touch FCoE and converged iSCSI deployment. 32 internal 10GE ports provide full redundancy to the M420 blade on fabric A. Dell Networking MXL 10/40Gb Ethernet Switch Converged 1/10/40Gb Ethernet switch with up to 56-10GE ports (32 internal), converged iSCSI and FCoE (transit to ToR), 320Gb stacking of up to 6 switches, FlexIO technology, and PVST+ industry standard spanning tree. 32 internal 10GE ports provide full redundancy to the M420 blade on fabric A.</p> <p>Dell PowerConnect™ M8024-k 10Gb Ethernet Switch Converged 1/10Gb Ethernet switch with up to 24-10GE ports (16 internal), converged FCoE (transit to ToR), stacking of up to 6 modules, FlexIO technology, and simple mode.</p> <p>Dell M8428-k 10Gb Converged Network Switch Converged 1/10Gb Ethernet switch with 24-10GE Ethernet ports (16 internal) and 4 native Fibre Channel ports, converged iSCSI and FCoE (FC breakout at blade switch). Fibre Channel ports support 2Gb, 4Gb, and 8Gb.</p> <p>Dell PowerConnect M6220 Gigabit Ethernet Switch 1Gb Ethernet switch with up to 24 ports (16 internal), stacking of up to 12 switches, simple mode, and 4 x fixed copper 10/100/1000Mb Ethernet uplinks and FlexIO technology for up to four additional 10GbE uplinks.</p> <p>Dell PowerConnect M6348 Gigabit Ethernet Blade Switch 1Gb Ethernet switch with up to 48 ports (32 internal), stacking of up to 12 modules, simple mode, and 16 external fixed 10/100/1000Mb Ethernet RJ-45 ports to support 32 internal server GbE connections supplied by quad-port Gigabit Ethernet adapters plus up to four 10Gb uplink ports. Dell 10Gb Gigabit Ethernet Pass-Through -k Module Supports 16 x 10Gb connections only.</p> <p>Cisco® Nexus™ B22DELL Fabric Extender (FEX) 16 internal 10GbE ports and 8 external 10GbE ports; provides 10GbE connectivity to Cisco Nexus 5500 series infrastructure.</p> <p>Cisco Catalyst® Blade Switch M 3032 Includes 4 x fixed copper 10/100/1000Mb Ethernet uplinks standard plus two optional module bays, supporting 2 x 1Gb copper or optical SFPs each.</p> <p>Cisco Catalyst Blade Switch M 3130G Includes 4 x fixed copper 10/100/1000Mb Ethernet uplinks, 64Gb full duplex StackWise Plus stacking ports, and support for two x2 modules for up to a total of two 10Gb CX4 or SR/LRM uplinks.</p> <p>Cisco Catalyst Blade Switch M 3130X Includes 4 x fixed copper 10/100/1000Mb Ethernet uplinks, 64Gb full duplex StackWise Plus stacking ports, and support for two x2 modules for up to a total of two 10Gb CX4 or SR/LRM uplinks.</p> <p>Brocade® M5424 8Gb Fibre Channel Switch Includes eight external SAN ports.</p> <p>Dell 8Gb/4Gb Fibre Channel SAN Module NPIV Port Aggregator</p> <p>Emulex® 8Gb or 4 Gb/s Fibre Channel Pass-Through Module</p> <p>Mellanox® M4001Q QDR, M4001T FDR10, M4001Q FDR InfiniBand Switches 16 internal ports and 16 external QSFP+ ports in a single wide form factor.</p> <p>Brocade M6505 16Gb Fibre Channel SAN I/O Module 24 x 16Gbps Fibre Channel ports (16 internal server ports and 8 external fabric ports). Zero footprint, hot-pluggable design with no additional fans or power supplies. Dynamic Ports on Demand (PoD) and “pay-as-you-grow” port upgrades for 12-port configurations.</p>

Feature	Parameter
<p>Systems management</p>	<p>One (standard) Chassis Management Controller(s) (CMC) that provides:</p> <ul style="list-style-type: none"> • Single secure interface for inventory, configuration, monitoring and alerting for the chassis and all components • Multi-chassis management capability allows up to nine chassis and 288 servers to be managed from a single, embedded, agent-free interface • Automated and embedded one-to-many blade BIOS and firmware updates, independent of the operating system through iDRAC with Lifecycle Controller • One-to-many blade server BIOS capture and replication • Real-time power/thermal monitoring and management • Real-time system AC power consumption with resettable peak and minimum values • System-level power limiting and slot-based power prioritization • DPSE functionality that can help lower overall system power consumption by ensuring power supplies run at their optimal efficiency points • Fan speed control using Dell’s enhanced efficiency technologies to ensure fans are delivering optimal cooling while minimizing power consumption and airflow • Secure web (SSL) and command line (Telnet/SSH) interfaces • Support for multiple levels of user roles and permissions, including integration into Microsoft® Active Directory® services and lightweight directory access protocol (LDAP) services for authentication • 2 x 10/100/1000Mb Ethernet ports + 1 serial port • Single point of connection from the management network to iDRAC with Lifecycle Controller on each of the blades and the management interfaces on the integrated I/O modules • 2nd Ethernet port that supports daisy chaining of CMCs for improved cable management <p>Optional Integrated Avocent® keyboard, video, and mouse (iKVM) switch</p> <ul style="list-style-type: none"> • Enables USB keyboard/mouse and video port on front control panel <p>Dell OpenManage™ Systems Management tools (available as software downloads from dell.com)</p> <ul style="list-style-type: none"> • Dell OpenManage Server Administrator — monitoring agents and 1:1 management utilities • Dell OpenManage Essentials — one-to-many remote discovery, inventory, monitoring, and update for M1000e chassis and blades • Integration and Connections with third-party management solutions
<p>Additional storage options</p>	<p>Internal: Dell EqualLogic PS-M4110 Blade Array External: Dell Compellent™, Dell EqualLogic, and Dell PowerVault™ storage</p>
<p>Rack support</p>	<p>RapidRails™ static rails for 4-post square hole racks; VersaRails™ static rails for 4-post square or unthreaded round hole racks</p>