Request for Quotation (RFQ) for the supply of computer hardware, software and network components to the CSIR

RFQ 9153/09/05/2019

Date of issue:	24 April 2019
Closing Date and Time :	9 May 2019 at 16h30
Contact details	Submission of quotations or any other enquiries is via email to: tender@csir.co.za
Category	Computer hardware
CSIR Business Hours	08h00 – 16h30

1 INVITATION FOR QUOTATION

Quotations are hereby invited for the supply of computer hardware, software and network components to the CSIR.

2 QUOTATION REQUIREMENTS

Quotations are required to meet the following specifications of CMORE production infrastructure and delivery requirements:

2.1 **Infrastructure components:**

Specification for Hardware, Software and Network are detailed in 2.2 below.

2.2 **Detailed specification:**

Description	Specification	Quantity
Software Licenses		
Windows server 2012 R2 license	Standalone Retail license	1
VMware vSphere Essentials Plus Kit	This kit includes 6 CPU licenses of vSphere Essentials Plus (for 3 servers with up to 2 processors each) and 1 license for vCenter Server Essentials.	1

	The vSphere Essentials Plus Kit consists of the following: • vSphere Hypervisor (ESXi) • vCenter Server Essentials • vSphere Data Protection • vSphere High Availability (HA) • vSphere vMotion • Cross Switch vMotion • vSphere vShield Endpoint • vSphere Replication	
Hardware Server		
Dell PowerEdge R240 Server	• 1 x PowerEdge R240 Motherboard • 1 x Intel Xeon E-2124 3.3GHz, 8M cache, 4C/4T, turbo (71W) • 1 x iDRAC,Legacy Password • 1 x iDRAC Group Manager, Disabled • 1 x 3.5" Chassis with up to 2 Cabled Hard Drives • 1 x Standard Bezel • 1 x PCIe Riser, 1x FH x8 PCIe Gen3 slot, 1x LP x4 PCIe Gen3 slot, R240/R340 • 1 x Dell EMC Luggage Tag • 1 x Performance Optimized • 1 x 8GB 2666MT/s DDR4 ECC UDIMM • 1 x iDrac9, Basic • 1 x 1TB 7.2K RPM SATA 6Gbps 512n 3.5in Cabled Hard Drive • 1 x RAID Controller, Adapter, Full Height • 1 x Heatsink for 80W or less CPU • No Internal Optical Drive for x4 and x8 HDD Chassis • 1 x Single, Cabled Power Supply, 250W • 1 x C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord • 1 x Trusted Platform Module 1.2 • 1 x Order Configuration Shipbox Label (Ship Date, Model, Processor Speed, HDD Size,	1

	• RAM) • 1 x On-Board LOM • 1 x 1U/2U Static Rails for 2-Post and 4-Post Racks • No RAID • Operating System: Windows Server 2019 Standard configuration for the rest of the server.	
Dell PowerEdge R740 Server	• 1 x PowerEdge R740/R740XD Motherboard • 1 x Intel Xeon Silver 4114 2.2G, 10C/20T, 9.6GT/s , 14M Cache, Turbo, HT (85W) DDR4-2400 • 1 x iDRAC,Factory Generated Password • 1 x iDRAC Group Manager, Enabled • 1 x Chassis with up to 8 x 2.5" SAS/SATA Hard Drives for 2CPU Configuration • 1 x PowerEdge 2U Standard Bezel • 1 x Riser Config 2, 3 x8, 1 x16 slots • 1 x PowerEdge R740 Shipping Material • 1 x Dell EMC Luggage Tag • 1 x Quick Sync 2 (At-the-box mgmt) • 6 x 32GB RDIMM 2666MT/s Dual Rank • 1 x Xeon Silver 4114 2.2G, 10C/20T, 9.6GT/s , 14M Cache, Turbo, HT (85W) DDR4-2400 • 1 x iDRAC9,Enterprise • 6 x 960GB SSD SATA Mix Use 6Gbps 512 2.5in Hot-plug AG Drive, 3 DWPD, 5256 TBW • 1 x RAID Controller, LP Adapter • 1 x No Internal Optical Drive • 1 x Dual, Hot-plug, Redundant Power Supply (1+1), 750W • 1 x Broadcom 5720 QP 1Gb Network Daughter Card	2

	• 1 x Power Saving Dell Active Power Controller • 1 x ReadyRails Sliding Rails Without Cable Management Arm • RAID 6 configuration • OME Server Configuration Management	
Dell PowerVault MD1200	• 1 x PowerVault MD1200 Base • 1 x PV MD1200 Bezel • 10 x Hard Drive Blank Filler 3.5 • 4 x 2TB 7.2K RPM NLSAS 512n 3.5in Hot-plug Hard Drive • 1 x PERC H810 RAID Adapter for External JBOD, 1GB NV Cache, LPF • 1 x PV MD12XX Additional Enclosure Management Module • 1 x Power Supply, AC 600W, Redundant • 2 x C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord • 2 x 1M SAS Connector External Cable • 1 x ReadyRails II Static Rails for 4-post Racks	1
Networking		
DellPower Connect	N2024, L2 24x 1GbE + 2x 10GbE SFP+ fixed ports	1
Forigate 60E	Foritgate 60E with rack mounting tray	1

Quotation(s) should include physical device, onsite installation, configuration, and local post-installation support and maintenance options. The duration of three (3) years maintenance and support is preferred on all applicable products.

3   EVALUATION CRITERIA

3.1   Selection of suppliers will be based on the 80/20 preference point system.

3.2   Include valid B-BBEE certificate. No B-BBEE certificate will equal zero points.

3.3   If the supplier is not the OEM. Indicate relationship level/status (e.g. bronze, silver, gold) with the OEM.

3.4   Stock availability and delivery times will be considered.

3.5   Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use www.csd.gov.za to register.

3.6   No order will be issued or no contract will be signed without a valid CSD number.

4   PRICING QUOTATION

4.1   Price needs to be provided in South African Rand (excl. VAT), with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated.

4.2   Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.

4.3   Payment will be according to the CSIR Payment Terms and Conditions.

5   OTHER TERMS AND CONDITIONS

5.1   The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.

5.2   A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

6   No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order. CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to supplier.

7   Note: This is not a Purchase Order.