



## Request for Quotation (RFQ) for the supply of Servers and Storage Hardware for CSIR (GSDI community equipment)

### CSIR RFQ No. 9048/20/07/2017

Date of issue :	13 July 2017
Closing Date and Time :	<b>Thursday, 20 July 2017 at 16:30 (close of business)</b>
Contact details	For submission of quotations or any other enquiries: <b>tender@csir.co.za</b>
Category	Computer Hardware
Business Hours	08:00 – 16:30

#### 1 INVITATION FOR QUOTATION

Tenders are hereby invited for the supply quotes on for Servers and Storage (Dell and Nimble) hardware for CSIR (GSDI community equipment).

#### 2 QUOTATION REQUIREMENTS

The Dell components required are:

- A. **1x DELL PowerVault MD1200**
- 210-30719 1** PowerVault MD1200 Base
  - 340-20711** PV MD1200 EMEA1 Ship and Docs No Cord 1
  - 350-10714** PV MD1200 Bezel 1
  - 400-AMPL** 8TB 7.2K RPM NLSAS 512e 3.5in Hot-plug Hard Drive, PI x12
  - 405-12192** PERC H810 RAID Adapter for External JBOD, 1GB NV Cache, LPF 1
  - 440-11700** PV MD12XX Additional Enclosure Management Module 1
  - 450-AASQ** Power Supply, AC 600W, Redundant 1 SR
  - 450-AADY** C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord x2

<b>470-11671</b>	1M SAS Connector External Cable 2
<b>470-AAZR</b>	6G SAS Cable,MINI to HD, 3M (Drop-in-box) 1
<b>631-10536</b>	OpenManage Factory Install and DVD 1
<b>770-BBCL</b>	ReadyRails II Static Rails for 4-post Racks 1
<b>800-10491</b>	Enterprise Order - EMEA 1
<b>709-11638</b>	Base Warranty 1
<b>709-11639</b>	3Yr Parts Only Warranty 1
<b>710-46983</b>	5Yr ProSupport Plus and 4hr Mission Critical 1

**B. 1x DELL PowerVault MD3400**

<b>210-ACCG 1</b>	PowerVault MD3400, 12G SAS, 2U-12
<b>325-BBFV</b>	Bezel Assembly, MD3400 1 SR 340-AJJI PowerVault MD3400 EMEA1 Ship Docs 1
<b>400-AMPL</b>	8TB 7.2K RPM NLSAS 512e 3.5in Hot-plug Hard Drive, PI x12
<b>403-BBEX</b>	Controller, 12G SAS, 2U MD34xx, 4GB Cache x2
<b>450-ADRZ</b>	Redundant Power Supply (2 PSU) 600W 1
<b>450-AADY</b>	C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord x2
<b>470-AATU</b>	12Gb HD-Mini to HD-Mini SAS Cable, 4M 1
<b>683-11930</b>	No Installation Service or Customer Self Install Selected (Contact Sales rep for more details) 1 705-16109 INFO Declined Remote Consulting 1
<b>770-BBCL</b>	ReadyRails II Static Rails for 4-post Racks 1
<b>800-BBFF</b>	Hardware Platform Info 1
<b>800-10491</b>	Enterprise Order - EMEA 1
<b>709-11640</b>	Base Warranty 1
<b>709-11641</b>	3Yr Parts only warranty 1
<b>710-46960</b>	INFO 3Yr ProSupport Plus and 4hr Mission Critical 1
<b>710-46963</b>	5Yr ProSupport Plus and 4hr Mission Critical 1

**C. 1x DELL PowerEdge R730 Server**

<b>210-ACXU</b>	1 PowerEdge R730 Server
<b>329-BCZK</b>	PE R730/xd Motherboard MLK 1
<b>338-BJDP</b>	Intel Xeon E5-2623 v4 2.6GHz, 10M Cache, 8.00GT/s QPI, Turbo, HT, 4C/8T (85W) Max Mem . 2133MHz 1
<b>338-BJCY</b>	Intel Xeon E5-2623 v4 2.6GHz, 10M Cache, 8.00GT/s QPI, Turbo, HT, 4C/8T (85W) Max Mem 2133MHz 1 SR 325-BCJW Dell EMC QSYNC Bezel for PE R730XD 1
<b>330-BBCO</b>	R730/xd PCIe Riser 2, Center 1

<b>330-BBCQ</b>	R730 PCIe Riser 3, Left 1
<b>330-BBCR</b>	R730/xd PCIe Riser 1, Right 1
<b>330-BBCL</b>	Internal Dual SD Module 1
<b>340-ALXX</b>	PowerEdge R730 Shipping EMEA1 (English/French/German/Spanish/Russian/Hebrew) 1
<b>350-BBEM</b>	Chassis with up to 8, 3.5" Hard Drives, Software RAID 1
<b>370-ABWE</b>	DIMM Blanks for System with 2 Processors 1
<b>370-AAIP</b>	Performance Optimized 1
<b>370-ACPH</b>	2400MT/s RDIMMs 1
<b>370-ACNX</b>	16GB RDIMM, 2400MT/s, Dual Rank, x8 Data Width x8
<b>374-BBHM</b>	Standard Heatsink for PowerEdge R730/R730xd 2
<b>385-BBHO</b>	iDRAC8 Enterprise, integrated Dell Remote Access Controller, Enterprise 1
<b>385-BBCF</b>	Redundant SD Cards Enabled 1
<b>385-BBJL</b>	16GB SD Card For IDSDM 2
<b>400-ABHL</b>	No Hard Drive 1
<b>405-AACD</b>	No Controller 1
<b>384-BBBL</b>	Performance BIOS Settings 1
<b>429-AAPS</b>	DVD+/-RW, SATA, Internal 1
<b>450-AADY</b>	C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord x2
<b>450-ADWM</b>	Dual, Hot-plug, Redundant Power Supply (1+1), 1100W 1
<b>461-AADM</b>	PowerEdge Server FIPS TPM 2.0 1
<b>540-BBBZ</b>	QLogic 57800 2x10Gb BT + 2x1Gb BT Network Daughter Card 1
<b>605-BBFN</b>	No Media Required 1
<b>611-BBBG</b>	No Operating System, No Utility Partition 1
<b>634-BBWU</b>	OpenManage Essentials, Server Configuration Management 1
<b>634-BJQE</b>	VMware ESXi 6.5 Embedded Image on Flash Media 1
<b>631-AACK</b>	No Systems Documentation, No OpenManage DVD Kit 1
<b>683-11870</b>	No Installation Service Selected (Contact Sales Rep for more details) 1
<b>888-10066</b>	Not Selected in this Configuration 1 SR 705-16109 INFO Declined Remote Consulting 1
<b>770-BBBR</b>	ReadyRails Sliding Rails With Cable Management Arm 1
<b>780-BBJR</b>	Diskless Configuration (No RAID, No Controller) 1
<b>800-11671</b>	Enterprise Order - EMEA. 1 SR 709-12777 Base Warranty 1
<b>709-12778</b>	3Yr Basic Warranty - Next Business Day - Minimum Warranty 1
<b>710-64440</b>	INFO 3Yr ProSupport Plus and 4hr Mission Critical 1
<b>710-64443</b>	5Yr ProSupport Plus and 4hr Mission Critical 1

<b>D.</b>	<b>1x</b>	<b><u>DELL PowerEdge R730 Server</u></b>
	<b>210-ACXU</b>	1 PowerEdge R730 Server
	<b>329-BCZK</b>	PE R730/xd Motherboard MLK 1
	<b>338-BJDP</b>	Intel Xeon E5-2623 v4 2.6GHz, 10M Cache, 8.00GT/s QPI, Turbo, HT, 4C/8T (85W) Max Mem . 2133MHz 1
	<b>338-BJCY</b>	Intel Xeon E5-2623 v4 2.6GHz, 10M Cache, 8.00GT/s QPI, Turbo, HT, 4C/8T (85W) Max Mem. 2133MHz 1
	<b>325-BCJW</b>	Dell EMC QSYNC Bezel for PE R730XD 1
	<b>330-BBCO</b>	R730/xd PCIe Riser 2, Center 1 SR 330-BBCQ R730 PCIe Riser 3, Left 1
	<b>330-BBCR</b>	R730/xd PCIe Riser 1, Right 1 SR 330-BBCL Internal Dual SD Module 1
	<b>340-ALXX</b>	PowerEdge R730 Shipping EMEA1 (English/French/German/Spanish/Russian/Hebrew) 1
	<b>350-BBEM</b>	Chassis with up to 8, 3.5" Hard Drives, Software RAID 1 SR 370-ABWE DIMM Blanks for . System with 2 Processors 1
	<b>370-AAIP</b>	Performance Optimized 1 SR 370-ACPH 2400MT/s RDIMMs 1
	<b>370-ACNX</b>	16GB RDIMM, 2400MT/s, Dual Rank, x8 Data Width x8
	<b>374-BBHM</b>	Standard Heatsink for PowerEdge R730/R730xd 2
	<b>385-BBHO</b>	iDRAC8 Enterprise, integrated Dell Remote Access Controller, Enterprise 1
	<b>385-BBCF</b>	Redundant SD Cards Enabled 1 SR 385-BBJL 16GB SD Card For IDSDM x2
	<b>400-ABHL</b>	No Hard Drive 1 SR 405-AACD No Controller 1
	<b>406-BBBJ</b>	QLogic 2662, Dual Port 16GB,Fibre Channel HBA, Full Height 1
	<b>384-BBBL</b>	Performance BIOS Settings 1 SR 429-AAPS DVD+/-RW, SATA, Internal 1
	<b>450-AADY</b>	C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord x2
	<b>450-ADWM</b>	Dual, Hot-plug, Redundant Power Supply (1+1), 1100W 1 SR 461-AADM PowerEdge Server FIPS TPM 2.0 1
	<b>540-BBBZ</b>	QLogic 57800 2x10Gb BT + 2x1Gb BT Network Daughter Card 1
	<b>605-BBFN</b>	No Media Required 1 SR 611-BBBG No Operating System, No Utility Partition 1
	<b>634-BBWU</b>	OpenManage Essentials, Server Configuration Management 1
	<b>634-BJQE</b>	VMware ESXi 6.5 Embedded Image on Flash Media 1
	<b>631-AACK</b>	No Systems Documentation, No OpenManage DVD Kit 1
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	<b>780-BBJR</b>	Diskless Configuration (No RAID, No Controller) 1
	<b>800-11671</b>	Enterprise Order - EMEA. 1
	<b>709-12777</b>	Base Warranty 1

<b>709-12778</b>	3Yr Basic Warranty - Next Business Day - Minimum Warranty 1
<b>710-64440</b>	INFO 3Yr ProSupport Plus and 4hr Mission Critical 1
<b>710-64443</b>	5Yr ProSupport Plus and 4hr Mission Critical 1

**E. 1x Veeam Backup and Replicate**

Enterprise Edition

Licensed for 2 Servers each with 2 processor sockets.

**F. 1x Nimble Storage**

1	<b>C1K-2OBT-84T-F</b>	CS1000 Base Array - dual controller, 2x 10GbaseT (HDD/SSD not incl.), Default two on-board 10GbT ports, 21x 4TB HDD for base HEAD, 5760GB: 3x 1920GB SSDs for base HEAD
1	<b>C1K</b>	CS1000 Base Array - dual controller, 2x10GbaseT (HDD/SSD not incl.)
1	<b>PCI-DEFAULT</b>	Default two on-board 10GbT ports
1	<b>HEAD-HDD-84TB</b>	21x 4TB HDD for base HEAD, 67.20TB (61.12TiB) useable)
1	<b>HEAD-FLC-5760GB-3</b>	5760GB: 3 x 1920GB SSDs for base HEAD
1	<b>SW-NOS-DEFAULT</b>	Ship with current GA release
2	<b>SP-PWR-C13-C14-0</b>	C13 to C14 Power Cable for PDU connectivity (as part of Storage Array purchase)
1	<b>SP-HDD-4TB-V2</b>	Spare HDD, 4TB, with Nimble-branded carrier
1	<b>SP-PWR-1200W-R2</b>	Spare Power Supply Unit for 4U AF Arrays, 1200W
	<b>60 Months SLA-NBD</b>	NBD Parts Del, SW Sup & InfoSight - NextGen Arrays
	<b>60 Months SLA-NBD-HW</b>	NBD Parts Del, SW Sup & InfoSight - Ctlr & Networking
	<b>60 Months SLA-NBD-DISK</b>	NBD Parts Del, SW Sup & InfoSight - Cache & Capacity

**All related supporting documentation be included; configuration, assets, architecture, etc).**

### 3 EVALUATION CRITERIA

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Indicate valid B-BBEE status on quotation. No B-BBEE status will equal zero points.
- 3.3 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use [www.csd.gov.za](http://www.csd.gov.za) to register.
- 3.4 CSIR reserves the right to evaluate submissions to this RFQ in parts or whole.
- 3.5 **No order will be issued or no contract signed with any bidder without a valid CSD number.**
- 3.6 Suppliers should have the following partnerships or certification:  
**Please provide the certification document for the following OEMs.**
  - Dell Preferred Partner.
  - Nimble Preferred Partner
- 3.7 **Please provide the quotes on a line item basis as outlined above in section 2A to F.**

### 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.**