



Independent Communications Authority of South Africa

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APPOINTMENT OF SERVICE PROVIDER TO SUPPLY AND DELIVER OF FOUR (4) BLADE SERVERS, TWO (2) RACK SERVERS AND VMWARE LICENSES ON AN 80/20 PPPFA 2000: PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. PURPOSE

The purpose of these terms of reference is to invite DELL **accredited** bidders to supply, deliver, deploy and support hardware solutions:

1. Dell PowerEdge MX760C Servers
2. Dell PowerEdge R450
3. Dell UNITY XT HFA

2. BACKGROUND

ICASA currently operates a Dell PowerEdge MX7000 chassis together with a Dell Unity XT HFA storage platform as part of its ICT infrastructure. This procurement is intended to expand the Authority's existing Dell infrastructure and increase computing and storage capacity to meet growing operational and business requirements. It is not intended to replace the existing environment. Procuring equipment from another manufacturer would require replacement or redesign of the current infrastructure, resulting in increased implementation complexity, operational disruption, compatibility risks. The technical specifications have therefore been developed to ensure compatibility, interoperability and seamless integration with ICASA's existing ICT infrastructure and ensuring continuity of operations.

To address escalating operational needs and bolster system performance, the Authority is adding capacity to the current existing Dell server infrastructure by acquiring:

1. Four (4) **Dell PowerEdge MX760C Servers** blade servers and VMware-licenses; for the existing **Dell PowerEdge MX7000** chassis.
2. Two (2) **Dell PowerEdge R450** rack servers.
3. One (1) supplemental for the existing **Dell UNITY XT HFA** storage.

This upgrade supports scalability while phasing out aging, out-of-warranty hardware to mitigate risks and improve infrastructure reliability.

3. TECHNICAL SPECIFICATION

Bidders must provide a datasheet for a proposed solution showing the server specifications below and itemised quotation

				COMPLY	
No. Units	DELL POWEREDGE MX760C SERVERS	SKU	QTY	YES	NO
4	PowerEdge MX760C Server	[210-BEWU]	1		
	MX760c Sled Enclosure, X4/6 + Motherboard, MLK	[321-BKPG]	1		
	QLogic 2742 Dual Port 32Gb Fibre Channel Mini-Mezz Card	[544-BBCP]	1		
	2.5" Chassis with up to 4 SAS/SATA Hard Drives (Optional NVMe; PERC Required)	[321-BHRP]	1		
	Power Saving BIOS Setting	[384-BBBH]	1		
	UEFI BIOS Boot Mode with GPT Partition	[800-BBDM]	1		
	No Energy Star	[387-BBEY]	1		
	C3, RAID 1 for 2 HDDs or SSDs (Matching Type/Speed/Capacity)	[780-BCDN]	1		
	PERC H755 Mini (SAS)	[405-AAZJ], [470-AEPO]	1		
	Intel® Xeon® Gold 6526Y 2.8G, 16C/32T, 20GT/s, 37.5M Cache, Turbo, HT (195W) DDR5-5200	[338-CPBV]	1		
	Intel® Xeon® Gold 6526Y 2.8G, 16C/32T, 20GT/s, 37.5M Cache, Turbo, HT (195W) DDR5-5200	[338-CPBV], [379-BDCO]	1		
	32GB RDIMM, 5600MT/s, Dual Rank	[370-BBRY]	16		
	5600MT/s RDIMMs	[370-BBRX]	1		
	Performance Optimized	[370-AAIP]	1		
	480GB SSD SATA Read Intensive 6Gbps 512 2.5in Hot-plug AG Drive, 1 DWPD	[400-BBIE]	2		
	Trusted Platform Module 2.0 V5	[461-AAIG]	1		
	CFG-No PSU Selection for Single Node Shipping	[379-BDYP]	1		
	Bezel, x4 Air Cooling	[325-BEON]	1		
	Heatsink for 2 CPU Configuration	[412-ABCU]	1		
	QLogic FastLinQ 41262 Dual Port 10/25GbE Mezzanine Card with Storage Offloads (iSCSI, FCoE)	[543-BBDI]	1		
	No Operating System	[611-BBBF]	1		
	No Media Required	[605-BBFN]	1		
	iDRAC9, Enterprise 16G	[528-CTIC]	1		
	Server Secured Component Verification	[528-COYT]	1		
	iDRAC Service Module (ISM), NOT Installed	[379-BCQX]	1		
	iDRAC Group Manager, Disabled	[379-BCQY]	1		
	Shipping Material, Individual Blade, PowerEdge MX760C, EMEA1 Systems Docs	[340-DCLZ]	1		
	PowerEdge MX760C Regulatory Label, CE Marking	[389-EFBO]	1		
	No Systems Documentation, No OpenManage DVD Kit	[631-AACK]	1		
	PowerEdge MX7x0C Shipping Material, Air & Liquid Cooled Configuration, X4 and X6	[340-DBYG]	1		
	Basic Next Business Day 36 Months, 36 Month(s)	[709-BBIM]	1		
	Prosupport Plus and 4Hr Mission Critical, 36 Month(s)	[865-BBNF]	1		
	ProDeploy Plus PowerEdge MX Series Compute Sled	[683-BBKQ]	1		
	Infrastructure Deployment Selected	[883-17666]	1		
	Asset Tag - ProSupport (Website, barcode, Onboard MacAddress)	[293-10025]	1		
	Order Configuration Shipbox Label (Ship Date, Model, Processor Speed, HDD Size, RAM)	[293-10049]	1		

				COMPLY	
No. Units	DELL FAN KIT FOR MX CHASSIS	SKU	QTY	YES	NO
1	Fan Kit (Front Fans x4, Rear Fans x5), Gold, MX7000, Customer Kit	[750-ADWN]	1		
				COMPLY	
No. Units	DELL POWEREDGE R450 SERVERS	SKU	QTY	YES	NO
2	PowerEdge R450 Server	[210-AZDS]	1		
	Chassis with up to 4x3.5" Drives	[379-BDSZ]	1		
	SAS/SATA Backplane	[379-BDSS]	1		
	Trusted Platform Module 2.0 V5	[461-AAIG]	1		
	3.5" Chassis with up to 4 Hard Drives (SAS/SATA) 2 CPU	[321-BGSE]	1		
	Intel® Xeon® Silver 4309Y 2.8G, 8C/16T, 10.4GT/s, 12M Cache, Turbo, HT (105W) DDR4-2666	[338-CBWI]	1		
	Intel® Xeon® Silver 4309Y 2.8G, 8C/16T, 10.4GT/s, 12M Cache, Turbo, HT (105W) DDR4-2666	[338-CBWI], [379-BDCO]	1		
	Heatsink for 2 CPU configuration (CPU less or equal 165W)	[412-ABBC], [412-ABBC]	1		
	Performance Optimized	[370-AAIP]	1		
	3200MT/s RDIMMs	[370-AEVR]	1		
	16GB RDIMM, 3200MT/s, Dual Rank	[370-AEVQ]	2		
	C3, RAID 1 for 2 HDDs or SSDs (Matching Type/Speed/Capacity)	[780-BCDN]	1		
	Front PERC H755 Front Load	[405-AAZB], [750-ACFR]	1		
	1.6TB SSD SAS, Mixed Use, up to 24Gbps FIPS-140 512e 2.5in with 3.5in HYB CARR, AG Drive	[345-BEOU]	2		
	Power Saving BIOS Setting	[384-BBBH]	1		
	UEFI BIOS Boot Mode with GPT Partition	[800-BBDM]	1		
	iDRAC9, Enterprise 15G	[385-BBQV]	1		
	Server Secured Component Verification	[528-COYT]	1		
	Standard Fan x7	[384-BCTN]	1		
	Dual, Fully Redundant (1+1), Hot-Plug Power Supply, 1100W MM(100-240Vac) Titanium	[450-AKLF]	1		
	Rack Power Cord 2M (C13/C14 10A)	[450-AADY]	2		
	Riser Config 1, 1xOCP 3.0(x16) + 2x16LP	[330-BBVG]	1		
	PowerEdge R450 Motherboard with Broadcom 5720 Dual Port 1Gb On-Board LOM, V4	[329-BHNE]	1		
	Broadcom 57416 Dual Port 10GbE BASE-T Adapter, OCP NIC 3.0	[540-BCOD]	1		
	No Quick Sync	[350-BCEM]	1		
	iDRAC, Factory Generated Password	[379-BCSF]	1		
	iDRAC Service Module (ISM), NOT Installed	[379-BCQX]	1		
	iDRAC Group Manager, Disabled	[379-BCQY]	1		
	Standard Bezel for x4 Chassis	[325-BCHH], [350-BCFK]	1		
	No Operating System	[611-BBBF]	1		
	No Media Required	[605-BBFN]	1		
	ReadyRails™ Static Rails for 2/4-post Racks	[770-BBBM]	1		
	No Internal Optical Drive	[429-AAIQ]	1		
	No Systems Documentation, No OpenManage DVD Kit	[631-AACK]	1		

	PowerEdge R450 Shipping EMEA1 (English/French/German/Spanish/Russian/Hebrew)	[340-CWXJ]	1		
	PowerEdge R450 x4, x10 Long Drive Shipping Material	[343-BBRP]	1		
	PowerEdge 1U CE, CCC, Marking, No BIS Marking	[389-EBNS]	1		
	Basic Next Business Day 36 Months, 36 Month(s)	[709-BBIL]	1		
	Prosupport Plus and 4Hr Mission Critical, 36 Month(s)	[865-BBNF]	1		
	ProDeploy Plus PowerEdge R Series 1u2u	[683-BBGH]	1		
	Infrastructure Deployment Selected	[883-17666]	1		
	Configuration Services, Standard ISG System Report, Deliver Via Email	[708-10082]	1		
	Order Configuration Shipbox Label (Ship Date, Model, Processor Speed, HDD Size, RAM)	[293-10049]	1		
	Asset Tag - ProSupport (Website, barcode, Onboard MacAddress)	[293-10025]	1		
					COMPLY
No. Units	UNITY XT HFA UPGRADE	SKU	QTY	YES	NO
1	Unity XT HFA Upgrades	[210-ASMJ]	1		
	D4 400GB FAST CACHE 25X2.5 SSD UPG	[400-BHRM]	3		
	Unity 6TB NLSAS 15X3.5 DRIVE UPG	[400-BGLX]	12		
	Non TLA Order	[800-BBQV]	1		
	ProDeploy Plus Dell Unity Hardware Component	[683-BCRZ]	1		
	ProDeploy Additional Deployment Time: 8 Hours Onsite Storage Technical Resource	[519-BBFW]	1		
	Parts Only Warranty 36Months, 36 Month(s)	[709-BDLX]	1		
	Prosupport Plus and 4Hr Mission Critical, 36 Month(s)	[199-BJNK], [199-BJNL]	1		
	Infrastructure Deployment Selected	[883-17666]	1		
					COMPLY
No. Units	VMWARE LICENSING	SKU	QTY	YES	NO
4	32 X CPU Cores VCF-VSP-FND-8 Foundation 8 VMware vSphere				
	<i>The VMware licenses must comply with the four (4) MX760C servers' CPU core specifications, as adhere to the VMware's licensing terms and conditions.</i>				

4. SCOPE OF WORK

Independent Communications Authority of South Africa (ICASA) invites DELL accredited suppliers to submit proposals to supply, install and support DELL servers equipment. The scope of work encompasses the following:

- 4.1 Supply of all items listed from Technical Specifications table number 3.
- 4.2 Test and deploy the new servers and storage equipment.
- 4.3 Completion certificate to be issued by the supplier upon finalization of the project.
- 4.4 Provide the DELL support as indicated on Technical Specifications table number 3.
- 4.5 The bidder to fully configure the entire solution.
- 4.6 Solution implementation to be in accordance with DELL best practices.

5. BID EVALUATION

The bid will be evaluated in four (4) phases as outlined below:

Phase 1: Administrative Compliance

Phase 2: Mandatory requirements

Phase 3: Functional evaluation

Phase 4: Price and Specific Goals Evaluation

Phase 1: Administrative Compliance

Bidders must ensure that they complete, and sign documents as indicated below, and the documents must be submitted as part of the bid document.

- SBD 1 – Invitation to Bid
- SBD 2 - Tax Clearance Certificate Requirements
- SBD 3.1 - Pricing schedule
- SBD 4 - Declaration of Interest
- SBD 5- The National Industrial Participation Programme
- SBD 6.1 - Preference Points claim form
- SBD 7.1 – Contract form (rendering of services)
- SBD 8- Declaration of Bidder's Past Supply Chain Management Practices
- SBD 9- Certificate of Independent Bid Determination
- Declaration in terms of Fronting

Phase 2: Mandatory requirements

The bidders must comply with the following mandatory requirements. Please note that bidders who fail to comply with the mandatory requirements will not be evaluated further, if they do not provide evidence confirming compliance with any of the specified mandatory requirements.

OEM Requirement		
The bidder must be an authorised Dell Partner or Dell reseller. The bidder must submit a valid Original Equipment Manufacturer (OEM) letter or certificate as proof.	Comply	Not Comply
Technical Specification		
Comply with all Technical requirements outlined on number 3 above (Technical specification)	Comply	Not Comply

Bids who fail to comply with the mandatory requirements will not be further evaluated under Functional Evaluation.

Phase 3: Functional evaluation

Functional evaluation of the bid will be done in terms of the criteria as stated in the table below. Bidders should take note of the Criterion, Weighting & Scoring when responding to this bid.

Evaluation Criterion	Weight	Scoring Criteria	Score
Reference Letters The bidder must submit contactable reference letter(s) on the client's official letterhead, issued by previous clients for projects completed within the last five (5) years, demonstrating the successful supply, installation, configuration and commissioning of server infrastructure or similar projects. The reference letter(s) must include: - Client Name - Contactable details - Project completion date - Detailed Description of Services Delivered (Note references to be verified by ICASA)	40	- Attached One (1) reference letter or No reference letters attached to fulfil all the requirements as stipulated = 1 - Attached two (2) reference letters that fulfil all the requirements as stipulated = 2 - Attached three (3) reference letters that fulfil all the requirements as stipulated = 3 - Attached four (4) reference letters that fulfil all the requirements as stipulated = 4 - Attached five (5) or more reference letters that fulfil all the requirements as stipulated = 5	
Bidder's experience Bidder's experience in supplying, installing, configuring and commissioning server infrastructure (The bidder must provide company profile)	20	- Less than 3 years of experience = 1 - Between three (3) to Five (5) years of experience = 2 - Between Six (6) to Seven (7) years of experience = 3 - Between Eight (8) to Ten (10) years of experience = 4 - More than 10 years of experience = 5	

Evaluation Criterion	Weight	Scoring Criteria	Score
Completeness of Project Plan The service provider must provide a detailed Project Plan that includes: 1. Work breakdown structure 2. Implementation milestones 3. Implementation timelines 4. Allocation of qualified resources 5. Project risks management 6. Quality control management	40	- Project plan covers less than 6 requirements or no project plan provided= 1 - Project plan covers all 6 requirements= 5	
Total	100		

Bidders who score 70 and more out of 100 will qualify for further evaluation in terms of Price and Specific Goals.

Phase 4: Price and Specific Goals Evaluation

Bidders who comply with the requirements of this bid will be evaluated according to the preference point scoring system as determined in the Preferential Procurement Regulations, 2022 pertaining to the Preferential Procurement Policy Framework Act, Act No 5 of 2000.

The maximum points for this bid are allocated as follows:

No	Category	Weight
A.	Price	80
B.	Specific goals	20
	TOTAL	100