

**ELANGENI TVET COLLEGE (ETVETC)**  
**HEREIN REFERRED TO AS ETVETC**  
**REQUEST POTENTIAL BIDDERS FOR PROPOSALS (RFP)**  
**REQUEST FOR PROPOSAL**

**THE SUPPLY AND DELIVERING OF A SERVER INFRASTRUCTURE TO REPLACE AGED  
DATACENTRE EQUIPMENT FOR A PERIOD OF THIRTY-SIX (36) MONTHS**

**TENDER NO. : PU8111/058**

Prospective Suppliers who are interested in participating in the aforementioned tender are invited to submit a proposal in full compliance to the requirement of this tender document. Completed documents with all attachments must be signed and submitted on the **PURCO SA Website**.

The closing time and date for receipt for online tender **PU8111/058** is at 11h00am on Friday, 30 August 2024.

<b>Tender number</b>	<b>PU8111/058</b>	
<b>Date issued</b>	<b>08 August 2024</b>	
<b>Tender closing date</b>	<b>30 August 2024</b>	<b>11h00am</b>
	<b>Tender Submission will be Electronic on <a href="http://www.purcosa.co.za">www.purcosa.co.za</a> Supplier Hub- Online Tender Submission Guide</b>	
<b>Compulsory Information Session</b>	<b>15 August 2024</b>	<b>10h00am</b>
	<b>Elangeni TVET College, 15 Portsmouth Road, Pinetown, KZN</b>	

<b>Company Name</b>		
<b>Address</b>		
<b>Contact person</b>	Mr/Mrs/Ms/Dr/Prof.	
<b>Contact numbers</b>	(w)	(cell)
<b>Email address</b>		

Please see table below for the list of mandatory requirements and tick yes if documentation is submitted and no if not submitted.

<b>Description of Appendix</b>	<b>Requirement</b>	<b>Circle yes if uploaded</b>	
RFP Document	Each page of the RFP document to be initialled by a delegated representative	Yes	No
Completed technical specifications and pricing	A signed copy of the print out of each page of the electronic document	Yes	No
CIPC and Proof of Company Registration	Companies and Intellectual Property Commission and Provide Company Registration Certificate	Yes	No
Tax Pin	An original valid Tax Pin	Yes	No
BBBEE certification (Broad-Based Black Economic Empowerment BBBEE certificate/Affidavit for the assertion of Specific Goals)	Black SA (05 Points)	Yes	No
	Black Women Ownership (05 Points)		
	Disability Ownership (05 Points)		
	SMME's (05 Points)		
Declaration of Interest	Please sign point 9 of this tender document and page 5 of specification	Yes	No
Registration National Treasury (CSD)	Provide a copy of the full report of registration on National Treasury Central Supplier Database.	Yes	No
Letter of good standing from the department of labour	Bidders must submit a letter of good standing from the department of labour.	Yes	No
Financial Statements	Provide latest financial statement	Yes	No
Registration with a related professional body	Provide proof of registration with an IT Professional body	Yes	No
Fully signed SBD Forms	Fully complete and sign all SBD forms attached separately.	Yes	No

**NB: No points will be allocated to this phase; however, tenders that do not meet the pre-qualification requirements may not advance to the next phase of the evaluation process.**

### 1.1.1 STAGE 1: EVALUATION OF FUNCTIONALITY

Tenderers need to obtain a minimum percentage score of 42 i.e. 70% and above in order to progress to the next stage of evaluation.

FUNCTIONALITY CRITERIA		POINTS ALLOCATED
<b>Provide three (3) years reference letters supplying similar equipment (Contactable)</b>  3 Contactable letters of award 2 Contactable letters of award 1 Contactable Reference verified No letters provided	  = 30 Points = 20 Points = 10 Points = 00 Points	  <b>30</b>
<b>Submission of a Certified storage Engineers' CV</b>  Submission of Certified copies of qualifications Submission of Professional accreditation certificates Not Provided	  = 10 Points = 10 Points = 00 Points	  <b>20</b>
<b>Submission of Original Equipment Manufacturers (OEM) Certificate</b>  Submission of OEM Certificate No Submission of OEM Certificate	  = 10 Points = 00 Points	  <b>10</b>
<b>Total Points</b>		<b>60</b>

### SPECIFICATION:

[illegible]

	<ul style="list-style-type: none"> <li>○ Dual, Hot-plug, Power Supply Redundant (1+1), 800W, Mixed Mode, NAF</li> <li>○ C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord</li> <li>○ Riser Config 0, 1xOCP 3.0(x16)+ 1x16LP</li> <li>○ PowerEdge R450 Motherboard with Broadcom 5720 Dual Port 1Gb On-Board LOM, V4</li> <li>○ Broadcom 57412 Dual Port 10GbE SFP+, OCP NIC 3.0</li> <li>○ No Quick Sync</li> <li>○ iDRAC Service Module (ISM), NOT Installed</li> <li>○ iDRAC Group Manager, Enabled</li> <li>○ No Bezel</li> <li>○ EMC Lugage Tag (x8)</li> <li>○ BOSS Riser for R450/R650xs</li> <li>○ BOSS controller card + with 2 M.2 Sticks 480GB (RAID 1)</li> <li>○ EMC PowerEdge SFP+ SR Optic 10GbE 850nm</li> <li>○ No Operating System</li> <li>○ No Media Required</li> <li>○ A11 drop-in/stab-in Combo Rails Without Cable Management Arm</li> <li>○ Cable Management Arm</li> <li>○ No Internal Optical Drive</li> <li>○ No Systems Documentation, No OpenManage DVD Kit</li> <li>○ PowerEdge R450 Shipping EMEA1 (English/French/German/Spanish/Russian/Hebrew)</li> <li>○ PowerEdge R450 x8 Short Drive Shipping Material</li> <li>○ PowerEdge 1U CCC Marking, No CE Marking</li> <li>○ PowerEdge Non BIS Marking</li> <li>○ ProDeploy Server R Series 1U/2U - Deployment</li> <li>○ ProDeploy Server R Series 1U/2U - Deployment Verification</li> <li>○ Configuration Services, Standard ISG Channel System Report, Deliver Via Email</li> <li>○ Order Configuration Shipbox Label (Ship Date, Model, Processor Speed, HDD Size, RAM)</li> </ul>		2
	<ul style="list-style-type: none"> <li>○ Asset Tag - ProSupport (Website, barcode, Onboard MacAddress)</li> <li>○ ProSupport and Next Business Day Onsite Service Initial, 36 Month(s)</li> <li>○ Basic Next Business Day 36 Months</li> </ul> <p>Brand must equivalent or similar to: <b>Dell or HPE</b></p>		2

2.	<p><b><u>PowerEdge R650 Servers :</u></b></p> <ul style="list-style-type: none"> <li>○ PowerEdge R650 Server</li> <li>○ Freight</li> <li>○ No Backplane</li> <li>○ No Rear Storage</li> <li>○ Trusted Platform Module 2.0 V3</li> <li>○ No HD, No Backplane, 2CPU</li> <li>○ Intel Xeon Silver 4314 2.4G, 16C/32T, 10.4GT/s, 24M Cache, Turbo, HT (135W) DDR4-2666</li> <li>○ Intel Xeon Silver 4314 2.4G, 16C/32T, 10.4GT/s, 24M Cache, Turbo, HT (135W) DDR4-2666</li> <li>○ Additional Processor Selected</li> <li>○ Heatsink for 2 CPU configuration (CPU less than or equal to 165W)</li> <li>○ 3200MT/s RDIMMs</li> <li>○ 32GB RDIMM, 3200MT/s, Dual Rank 16Gb BASE x8</li> <li>○ Diskless Configuration (No RAID, No Controller)</li> <li>○ No Controller</li> <li>○ No Hard Drive</li> <li>○ iDRAC9, Enterprise 15G</li> <li>○ OpenManage Enterprise Advanced</li> <li>○ Secured Component Verification</li> <li>○ No Energy Star</li> <li>○ 4 High Performance Fans for 2 CPU</li> <li>○ Dual, Redundant (1+1), Hot-Plug Power Supply, 1100W MM (100-240Vac) Titanium</li> <li>○ C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord</li> <li>○ Riser Config 0, 2CPU, Half Length, Low Profile, 3 x16 Slots, SW GPU Capable</li> </ul>		<p>3</p> <p>3</p> <p>12</p> <p>6</p>
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	<ul style="list-style-type: none"> <li>○ PowerEdge R650 Motherboard with Broadcom 5720 Dual Port 1Gb On-Board LOM, Ti</li> <li>○ Broadcom 57412 Dual Port 10GbE SFP+, OCP NIC 3.0</li> <li>○ Broadcom 57412 Dual Port 10GbE SFP+ Adapter, PCIe Low Profile</li> <li>○ No Quick Sync</li> <li>○ iDRAC, Factory Generated Password</li> <li>○ Emulex LPe31002 Dual Port 16Gb Fibre Channel HBA, PCIe Low Profile, V2</li> <li>○ iDRAC Service Module (ISM), NOT Installed</li> <li>○ iDRAC Group Manager, Enabled</li> <li>○ Standard Bezel</li> <li>○ Luggage Tray x8 and x10 Chassis, R650</li> <li>○ BOSS-S2 controller card + with 2 M.2 480GB (RAID 1)</li> <li>○ BOSS Cables and Bracket for R650</li> <li>○ EMC PowerEdge SFP+ SR Optic 10GbE 850nm</li> <li>○ No Operating System</li> <li>○ No Media Required</li> <li>○ Cable Management Arm</li> <li>○ ReadyRails Sliding Rails Without Cable Management Arm or Strain Relief Bar</li> <li>○ PowerEdge R650 Shipping EMEA1 (English/French/German/Spanish/Russian/Hebrew)</li> <li>○ R650 Ship 8x2.5</li> <li>○ PowerEdge R650 Non BIS Marking &gt; PowerEdge R650 CE, CCC, Marking &gt; Enterprise Order - EMEA.</li> <li>○ ProDeploy PowerEdge R Series 1u2u</li> <li>○ Infrastructure Deployment Selected</li> <li>○ Configuration Services, Standard ISG System Report, Deliver Via Email</li> <li>○ Order Configuration Shipbox Label (Ship Date, Model, Processor Speed, HDD Size, RAM)</li> <li>○ Asset Tag - ProSupport (Website, barcode, Onboard MacAddress)</li> <li>○ ProSupport and Next Business Day Onsite Service Initial, 36 Month(s)</li> </ul>		6
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	<ul style="list-style-type: none"> <li>○ PowerEdge R650 Motherboard with Broadcom 5720 Dual Port 1Gb On-Board LOM, Ti</li> <li>○ Broadcom 57412 Dual Port 10GbE SFP+, OCP NIC 3.0</li> <li>○ Broadcom 57412 Dual Port 10GbE SFP+ Adapter, PCIe Low Profile</li> <li>○ No Quick Sync</li> <li>○ iDRAC, Factory Generated Password</li> <li>○ Emulex LPe31002 Dual Port 16Gb Fibre Channel HBA, PCIe Low Profile, V2</li> <li>○ iDRAC Service Module (ISM), NOT Installed</li> <li>○ iDRAC Group Manager, Enabled</li> <li>○ Standard Bezel</li> <li>○ Luggage Tray x8 and x10 Chassis, R650</li> <li>○ BOSS-S2 controller card + with 2 M.2 480GB (RAID 1)</li> <li>○ BOSS Cables and Bracket for R650</li> <li>○ EMC PowerEdge SFP+ SR Optic 10GbE 850nm</li> <li>○ No Operating System</li> <li>○ No Media Required</li> <li>○ Cable Management Arm</li> <li>○ ReadyRails Sliding Rails Without Cable Management Arm or Strain Relief Bar</li> <li>○ PowerEdge R650 Shipping EMEA1 (English/French/German/Spanish/Russian/Hebrew)</li> <li>○ R650 Ship 8x2.5</li> <li>○ PowerEdge R650 Non BIS Marking ➤ PowerEdge R650 CE, CCC, Marking ➤ Enterprise Order - EMEA.</li> <li>○ ProDeploy PowerEdge R Series 1u2u</li> <li>○ Infrastructure Deployment Selected</li> <li>○ Configuration Services, Standard ISG System Report, Deliver Via Email</li> <li>○ Order Configuration Shipbox Label (Ship Date, Model, Processor Speed, HDD Size, RAM)</li> <li>○ Asset Tag - ProSupport (Website, barcode, Onboard MacAddress)</li> <li>○ ProSupport and Next Business Day Onsite Service Initial, 36 Month(s)</li> </ul> <p>➤ Basic Next Business Day 36 Months</p> <p>Brand must equivalent or similar to: <b>Dell or HPE</b></p>		6
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3.	<b>Storage Array Shared Storage – All Flash Fibre Channel SAN Storage:</b> <ul style="list-style-type: none"> <li>○ ME5024 Storage Array</li> <li>○ Freight</li> <li>○ ME5024 Shipping EMEA 2, No Reg Lbl</li> <li>○ LBL, REG, EMFP, E10J</li> <li>○ 32Gb FC Type-B 8 Port Dual Controller</li> <li>○ 2X SFP, FC16, 16GB</li> <li>○ 2X SFP, FC16, 16GB</li> <li>○ Hard Drive Filler 2.5in, single blank</li> <li>○ 3.84TB SSD SAS Read Intensive up to 24Gbps</li> <li>○ 512e 2.5in Hot-Plug 1WPD, AG Drive</li> <li>○ Rack Rails 2U</li> <li>○ Power Supply, 580W, Redundant, WW</li> <li>○ ME Series 2U Bezel</li> <li>○ C13 to C14, PDU Style, 10 AMP, 2 Feet (.6m), Power Cord</li> <li>○ Infrastructure Deployment Selected</li> <li>○ ProDeploy Storage ME 5XXX 2u</li> <li>○ Connectrix DS-6610B-L 8P/24P switch w/rear-to-front afw (incl 8x16Gb SFPs and rack mount kit)</li> <li>○ Freight</li> <li>○ Extended Lifetime Warranty 10 Years</li> <li>○ ProSupport And Next Business Day Onsite Service, 36 Month(s)</li> <li>○ Infrastructure Deployment Selected</li> <li>○ OM4 LC/LC Multi Mode Fiber Cable (optics required), 5 Meter</li> <li>○ Connectrix C13 Power Cord CEE7/7 plugs 2Meter</li> <li>○ ProDeploy Hybrid Connectrix Fibre Channel Switch (up to 4 new hosts)</li> <li>○ Parts Only Warranty 36 Months</li> </ul> <p>Brand must equivalent or similar to: <b>Dell or HPE</b></p>		13 11         2         2    2 8  2
4.	<b>PowerEdge R750xs Veeam Backup Repositories:</b> <ul style="list-style-type: none"> <li>➤ PowerEdge R750xs</li> </ul>		1

	<ul style="list-style-type: none"> <li>○ Freight</li> <li>○ 3.5 Chassis</li> <li>○ SAS/SATA Backplane</li> <li>○ No Rear Storage</li> <li>○ 2 CPU Configuration</li> <li>○ Trusted Platform Module 2.0 V3</li> <li>○ 3.5" Chassis with up to 12 Hard Drives (SAS/SATA)</li> <li>○ Intel Xeon Silver 4309Y 2.8G, 8C/16T, 10.4GT/s, 12M Cache, Turbo, HT (105W) DDR4-2666</li> <li>○ Intel Xeon Silver 4309Y 2.8G, 8C/16T, 10.4GT/s, 12M Cache, Turbo, HT (105W) DDR4-2666</li> <li>○ Additional Processor Selected</li> <li>○ High Performance Heatsink</li> <li>○ Performance Optimized</li> <li>○ 3200MT/s RDIMMs</li> <li>○ 16GB RDIMM, 3200MT/s, Dual Rank</li> <li>○ Unconfigured RAID</li> <li>○ PERC H755 Adapter, Low Profile</li> <li>○ 12TB Hard Drive SAS ISE 12Gbps 7.2K 512e</li> <li>3.5in Hot-Plug, AG Drive</li> <li>○ Power Saving BIOS Settings</li> <li>○ UEFI BIOS Boot Mode with GPT Partition</li> <li>○ No Energy Star</li> <li>○ iDRAC9, Enterprise 15G</li> <li>○ OpenManage Enterprise Advanced</li> <li>○ Secured Component Verification</li> <li>○ High Performance Fan x5</li> <li>○ Dual, Redundant(1+1), Hot-Plug Power Supply, 1100W MM(100-240Vac) Titanium</li> <li>○ C13 to C14, PDU Style, 10 AMP, 6.5 Feet (2m), Power Cord</li> <li>○ Riser Config 0, Half Length, Low Profile, 5x16 + 1x4 slots</li> <li>○ PowerEdge R750xs Motherboard with Broadcom 5720 Dual Port 1Gb On-Board LOM, Ti</li> <li>○ Broadcom 57412 Dual Port 10GbE SFP+, OCP NIC 3.0</li> </ul>		1
			2
			8
			2

	<ul style="list-style-type: none"> <li>○ Emulex LPe31002 Dual Port 16Gb Fibre Channel HBA, PCIe Low Profile, V2</li> <li>○ No Quick Sync</li> <li>○ iDRAC, Factory Generated Password</li> <li>○ iDRAC Service Module (ISM), NOT Installed</li> <li>○ iDRAC Group Manager, Enabled</li> <li>○ PowerEdge 2U Standard Bezel</li> <li>○ EMC Luggage Tag R750xs</li> <li>○ BOSS-S2 controller card + with 2 M.2 480GB (RAID 1)</li> <li>○ BOSS S2 cables and Bracket for R750xs</li> <li>○ EMC PowerEdge SFP+ SR Optic 10GbE 850nm</li> <li>○ No Operating System</li> <li>○ No Media Required</li> <li>○ Cable Management Arm, 2U</li> <li>○ ReadyRails Sliding Rails Without Cable Management Arm</li> <li>○ No Internal Optical Drive</li> <li>○ No Systems Documentation, No OpenManage DVD Kit</li> <li>○ PowerEdge R750xs CSP Shipping EMEA1 (English/French/German/Spanish/Russian/Hebrew)</li> <li>○ PowerEdge R750xs Shipping Material</li> <li>○ PowerEdge Non BIS Marking ➤ PowerEdge 2U CE, CCC, Marking ➤ Enterprise Order - EMEA.</li> <li>○ ProDeploy PowerEdge R Series 1u2u</li> <li>○ Infrastructure Deployment Selected</li> <li>○ Configuration Services, Standard ISG System Report, Deliver Via Email</li> <li>○ Order Configuration Shipbox Label (Ship Date, Model, Processor Speed, HDD Size, RAM)</li> <li>○ Asset Tag - ProSupport (Website, barcode, Onboard MacAddress)</li> <li>○ Basic Next Business Day 36 Months</li> <li>○ ProSupport and Next Business Day Onsite Service Initial, 36 Month(s)</li> </ul> <p>Brand must equivalent or similar to: <b>Dell or HPE</b></p>		2
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7.	<b>30TB Storevault S3 Compliant Object Storage services</b>		<b>12</b>
	○ Year 1 30TB of Storevault S3 Compliant Object Storage services in the cloud per month		<b>12</b>
	○ Year 2 30TB of Storevault S3 Compliant Object Storage services in the cloud per month		<b>12</b>

## PRICING

PLEASE FIND SPECIFICATION ATTACHED SEPARATELY AND COMPLETE PRICING TABLE ACCORDINGLY:

No	Description	BRAND (Where Applicable)	Total Amount for 36 Months (Incl VAT)
1	PowerEdge R450 Server		R
2	PowerEdge R650 Servers		R
3	Storage Array Shared Storage – All Flash Fibre Channel SAN Storage:		R
4	PowerEdge R750xs Veeam Backup Repositories		R
5	EMC ML3 Tape Library		R
6	Ethernet Switches		R
7	30TB Storevault S3 Compliant Object Storage services		R
<b>Total Tender Amount for 36 Months Incl VAT</b>			