



Administration Centre
 Zone D. Gwadana Drive, Ezibeleni
 Private Bag X7110, QUEENSTOWN
 Tel: 047 – 873 8800
 Fax: 047 – 873 8824

REFERENCE	Supply, Delivery, Installation, and Configuration of Servers	DATE	17	09	2025
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**SPECIFICATIONS: Supply, Delivery, Installation, and Configuration of Servers
 (SEE DELIVERY ADDRESSES AND CONTACT PERSON AT BOTTOM OF SPECIFICATIONS)**

1.	Supply, Delivery, Installation, and Configuration of Servers
Campuses/Sites	8 sites
Description: supply, delivery, installation, and configuration of Servers. Server Spec (current generation):	
<ul style="list-style-type: none"> ➤ Windows Server 2025 compatibility (UEFI, TPM 2.0, Secure Boot) ➤ Intel Xeon Gold 5515+ 16C/32T, 2.9GHz, 27M Cache, 150W ➤ Standard heatsink for 1 CPU ≤150W ➤ 128TB RAM ➤ PERC H755 SAS, Front Load (support Raid 10) ➤ 2x Broadcom 57416 Dual Port 10GbE SFP+ Adapter ➤ 2x 800W Hot-Plug Power Supply (1+1 Redundant) ➤ iDRAC9 Enterprise License ➤ Drives (Enterprise), 2.4TB 10K RPM SAS, 2.5", 12Gbps, 9.6TB Usable ➤ OS Drive Boot, 2x 480GB SATA SSD Read-Intensive, 6Gbps, 2.5" ➤ Remote Management, iDRAC9 Enterprise License ➤ Decommissioning of old environments, installation and configuration of new environment, skills transfer and go-live 	
Total	08
Grand TOTAL	08

Delivery Address: Murray Street, Joe Gqabi, Alwal North, 9750

Prepared By

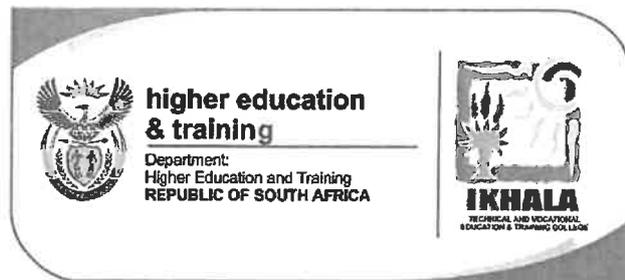
Mr. N.O. Majavu
 Assistant Director: ICT

Approved By

Mr. L. Malindi
 DP: Corporate Services

A better future with IKHALA

Administration Centre: 047 873 8800
Aliwal North Campus: 051 634 1035 • Ezibeleni Engineering Campus: 047 873 1293
Queenstown Campus: 045 838 2593/4 • Queen Nonesi: 079 251 8897
• Sterkspruit: 051 611 0205



Administration Centre
Zone D. Gwadana Drive, Ezibeleni
Private Bag X7110, QUEENSTOWN
Tel: 047 873 8808
Email: ncedisa.majavu@ikhala.edu.za

TERMS OF REFERENCE FOR THE APPOINTMENT OF A SERVICE PROVIDER FOR THE SUPPLY, DELIVERY, INSTALLATION, AND CONFIGURATION OF SERVERS FOR THE IKHALA TVET COLLEGE 8 SITES.

1. BACKGROUND

The Ikhala TVET College will be replacing its end-of-Life server infrastructure with new-generation servers across all campuses. The current servers have reached the end of their operational lifespan, resulting in diminished performance, increased maintenance costs, and potential security vulnerabilities due to outdated hardware and unsupported software.

2. PURPOSE

The purpose of this tender is to align with its current investments in Dell servers, by procuring next-generation technology with enhanced processing power, improved energy efficiency and to reduce operational costs. It aligns perfectly with the strategic objectives of the College in maintaining a robust, less complex and future-ready IT environment that supports organizational growth. In addition, it enables our IT team to efficiently monitor and optimize servers across the infrastructure on already familiar technology and from a single pane of glass.

3. SCOPE AND DEFINITION OF WORK

Deliverables and Technical Requirements

The servers must meet the following specifications, and it must be supported by clear referencing of page numbers in the bidder's response. It must include all cost for hardware and software installation, configuration of servers with server 2025, Active Directory and migration of data from old servers. If it is found that the bidder is merely ticking boxes, the bidder will be disqualified and not given the opportunity to resubmit. Responses will be compared to the technology options that the bidder responded with.

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Aliwal North Engineering Campus: 051 634 1035 Cala Skills Centre: 087 238 2225
Ezibeleni Engineering Campus: 047 873 1293 Ezibeleni Skills Centre: 047 873 1293
Queenstown Campus: 045 838 2593/94 Queen Nonesi: 087 238 2225
Starkensvuit: 051 611 0205 Starkensvuit Engineering Campus: 051 611 0205**

The following hardware specification must be quoted in an Excel spreadsheet:

Component	Specification	Qty per server	Notes
Chassis	Dell PowerEdge R660xs 1U, 2.5" 8-bay	1	Supports 8x 2.5" SAS/SATA drives
CPU	Intel Xeon Gold 5515+ 16C/32T, 2.9GHz, 27M Cache, 150W	1	
Heatsink	Standard heatsink for 1 CPU ≤150W	2	Redundancy
Memory (RAM)	32GB DDR5 RDIMM, 5600MT/s	4	128TB
Raid Controller	PERC H755 SAS, Front Load	1	Supports RAID 0,1,5,6,10
Drives (Enterprise)	2.4TB 10K RPM SAS, 2.5", 12Gbps	5	9.6 TB Usable
OS Drive, Boot	480GB SATA SSD Read-Intensive, 6Gbps, 2.5"	2	
Dual NIC	Broadcom 57416 Dual Port 10GbE SFP+ Adapter	2	Redundancy
Power Supply Units	800W Hot-Plug Power Supply (1+1 Redundant)	2	Dual PSU for redundancy
Remote Management	iDRAC9 Enterprise License	1	Full remote and virtual console
Rails and Cable Management	Ready Rails Sliding Rails + Cable Management Arm	1	

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Bezel (Optional)	Dell Front Bezel for R660xs	1	
Complete installation and commissioning	Decommissioning of old environment, installation and configuration of new environment, skills transfer and go-live	1	

Site(s) Locations

Region	Address
Ezibeleni Engineering Campus	Ezibeleni Skills Centre: Zone 3, Phelandaba Street, Ezibeleni,5326
Queenstown Campus	Komani Campus: Cnr Robinson RD & Zeiler Street, Queenstown,5320
Queen Nonesi Campus	Gqebanya Location, Lady Frere
Aliwal North Business Campus	Somerset St, Aliwal North, Maletswai
Sterkspruit Business Campus	Emfundweni Street, Zwelitsha Township, Stertspruit
Ezibeleni Business Skills Centre	Kamte Street, Ezibeleni, 5326
Aliwal North Engineering Campus	Murray Street, Joe Gqabi, Aliwal North 9750
Sterkspruit Engineering Campus	Tienbank Village, Next to Bensonvale College, 9762

4. APPROPRIATE EXPERIENCE

Bidders shall provide:

Refer to technical evaluation criteria at par 10.

The College reserves the right to conduct due diligence to confirm the contactable reference documents provided. The due diligence method will be determined by the College which may include requesting additional written information from the referee(s).

5. Financial Competence

The bidder must supply **3 years audited financial statements (AFS)** indicating a successful business. Failure to supply 3 years of audited financial statements will lead to disqualification of the bidder and the bid will not be evaluated.

6. All quoted prices shall be fixed.

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All prices shall be:

- Quoted in South African Rand.
- Valid for 90 days from the advertised final date for submission of the quotations.
- Quoted inclusive of all freight, insurance, and duties to the delivery address.
- Quoted inclusive of all project activities.
- Prices should be quoted after taking bulk discounts into account.

Non-firm prices (including prices subject to rates of exchange variations) will not be considered for evaluation and the bidder will be disqualified.

7. JOINT VENTURES

Bidders must submit substantive proof of the existence of joint ventures and/or consortium arrangements. Joint venture and/or consortia agreements must clearly set out the roles and responsibilities of the lead partner, alongside the joint venture and/or consortium. The agreement must also clearly identify the lead partner that is accordingly provided with a power of attorney to bind the other co-parties in all matters pertaining to the joint venture and/or consortia arrangement.

Joint venture partners will all be subjected to same evaluation criteria. *If one partner fails, the bid will be disqualified.*

8. Warranty and Support Period

Warranties and licenses (if applicable) shall be for a period of three (3) years from the advertised final date for submission of the quotations.

Support and Maintenance shall be for a period of three (3) years from the advertised final date for submission of the quotations. The college reserves the right to negotiate a 5-year support and maintenance agreement with the successful bidder.

Hardware support will require replacement of failed or faulty critical components by the next business day or sooner.

9. MANDATORY

Should one of the mandatory criteria be omitted, the service provider will not proceed for further evaluation and will be disqualified.

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No	Criteria	Yes/No
1	Service Provider submitted 3 years audited financial statements	
2	Bidder agreed that the proposed quotation includes all costs that will be incurred by the bidder for a working solution, including site assessments (if needed), travel and subsistence expenses. The total price or amount provided will be regarded as the cost of the completed project, including VAT and applicable taxes.	

10. TECHNICAL EVALUATION CRITERIA = 100 POINTS

All bidding companies are required to fully adhere to the technical evaluation criteria scorecard and compliance checklist.

Only Bidding companies that have fully met the Pre-Qualification Criteria will be evaluated in this section for determination of functionality.

Bidding companies will be evaluated on an overall score of 100 points

Only bidders that have attained the 80-points allocation threshold will proceed further.

Criteria	Element	Weight
Company Experience <i>(Ability to execute the Project)</i>	<p>Ability to demonstrate a proven track record:</p> <p>1. Ability to demonstrate a proven track record (<i>no later than 2 years</i>) of work similar in value and complexity completed in the technical requirements stated in the scope and objectives from minimum 2 contactable referees:</p> <ul style="list-style-type: none"> • Planning for mission critical server deployment - 2 points 	20

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	<ul style="list-style-type: none"> • Installation of server 2025 - 3 Points • Full Commissioning – 4 Points • Migration of data from current servers – 3 points • Active Directory deployment – 3 Points <p>2. The contactable references must include the following: = 5 Points</p> <ul style="list-style-type: none"> • Name of the client • Description of the project • Value of project • Duration of project • Contact person • Contact numbers and email address <p><i>If any item is omitted, the bidder will score 0</i></p>	
<p>Detailed Project Plan and implementation timeframes.</p>	<p>1. A detailed descriptive (<i>non-AI generated</i>) project plan consisting of no less than the following elements describing how the project will be executed:</p> <p>1.1 Project Planning & Requirements Analysis</p> <ul style="list-style-type: none"> • Conduct site surveys to assess current infrastructure 	<p>20</p>

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	<ul style="list-style-type: none"> • Identify risk and mitigation Strategies • Change Management <p>1.2 Design & Architecture</p> <ul style="list-style-type: none"> • Power requirements • Deployment strategy, implementation and testing • Plan to minimise downtime <p>1.3 Procurement timelines & Pre-Installation</p> <p>Préparation</p> <ul style="list-style-type: none"> • Plan with timelines and milestones • Risk Register and mitigation strategy • Project Exclusions <p>1.4 Testing</p> <ul style="list-style-type: none"> • Plan must minimise downtime, and or interruptions to daily operations • Change Management <p>1.5 Skills transfer and Optimisation plan.</p> <ul style="list-style-type: none"> • Bidder may refer to evaluation criteria below. <p>1.6 Project Handover and Support</p> <ul style="list-style-type: none"> • User acceptance testing (UAT) methodology. 	
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	<ul style="list-style-type: none"> • Final built documentation, network diagrams, and warranty details. • Post-implementation support and maintenance SLA <p><i>If one or more areas are omitted or not described in detail, the bidder will receive a score of zero (0).</i></p>	
Original OEM/OSM Partnership Certificates	<p>Bidders are to submit proof of OEM/OSM certification of the technology that is being proposed. <i>It must be valid at the closing date of this tender.</i></p> <p>Original OEM certificates must be provided, or bidder will not be considered for evaluation. Must be valid on the day of closing of tender</p> <p>Gold or higher partner for proposed equipment = 20 pts</p> <p>Silver partner or less = 10 Points</p>	20
Project Team: Experience on similar projects	<p>Team Leader has 3 years or more experience in delivering Dell Server and Networking Solutions.</p> <p>Provide CV's indicating certifications and experience = 15 points</p>	25

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	<p>Team Member(s) each have 2 years or more experience in similar projects. Provide CV's indicating relevant experience and certification:</p> <p>With Certification of 2 year and more = 10 Points</p> <p>Without certification, but experience = 5 Points.</p> <p><i>The college reserves the right to verify the validity of qualifications.</i></p>	
<p>Transfer of Skills – methodology, approach and steps to transfer skills to staff</p>	<p>Provide a detailed plan on how skills will be transferred to the relevant IT staff. The plan must describe all the following elements with timelines = 15 pts.</p> <ul style="list-style-type: none"> - Skills transfer and Optimization plan. - Hands-on training workshops for IT staff. - Provide detailed training documentation and operational manuals. - Implement a shadowing period with ongoing knowledge transfer - Certification options in the technology being deployed and how the bidder will assist ICT staff to obtain certification. <p><i>One or more of the elements omitted or not described in detail: = 5 pts</i></p> <p><i>A generic plan with non-specific detail = zero (0).</i></p>	15

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