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## **REQUEST FOR QUOTATION**

**RFQ NO:** KHC/RFQ/30/2023

**Technical Enquires:** Mrs Sobekiwe (IT Manager)  
Contact Details 0832480051

**SCM Queries:** Ms Cwayi  
**Contact Details:** 047 401 6400

## **REQUISITION SPECIFICATION**

**PROJECT DESCRIPTION:** Provision of internet access failover solution for Willowvale Campus

### **SCOPE OF WORK:**

The Willowvale Campus are connected via the High Tower named VC Nkanga. This High Tower is challenged by the vandalization of the backup power units that are continuously installed and stolen from that site. This leaves the Willowvale Campus under a challenge of no internet access when the generator kicks in during the loadshedding.

The institution currently has a primary internet connection 200mbps from SABEN that comes through fixed wireless and this connection is greatly affected by load shedding. We are now looking for redundancy internet connection for a 3year duration in which service provider is expected to Supply, install, configure, and maintain the service. Our redundancy internet connection or failover should be or aggregated to 50mbps download with a minimum upload of 10mbps utilizing Very Small Aperture Terminal

### **SPECIFICATION:**

<b>Item</b>	<b>Full Descriptions</b>	<b>Quantity</b>
<b>1.</b>	<b>Aggregated VSAT internet (50/10mbps)</b> Unlimited Optimized , VoIP enabled Allow Virtual Private Network tunnelling FAP No FUP	<b>1</b>
<b>2</b>	<b>Hybrid inverter</b>	<b>1</b>

	Capacity: 3500VA DC Input: 24VDC AC Input: 230VAC, 50/60H	
<b>3</b>	<b>Lithium Iron Phosphate Batteries</b> Nominal voltage of 24V, Nominal capacity of 250 AH Energy 3840wh, Internal resistance <10m 14.6 +- 0.2v Cut-off voltage 0.2C to 14.6V then 14.6 Charge mode charge current to 0.2C (cc/cv)	<b>1</b>
<b>4</b>	<b>Balancer</b> 1 x GE 1x Embedded LTE Modem 1x USB Interface 1x Expansion Module (Optional). An Interface 4 x GE Wifi interface: Simultaneous Dual-Band (2.4GHz / 5GHz) Wi-Fi 5 SpeedFusion Features: Hot Failover1 , WAN Smoothing1 , Bandwidth Bonding1. Number of SpeedFusion VPN Peers: 2/5  <b>Router Throughput:</b> 1Gbps SpeedFusion VPN Throughput - No Encryption - 256- bit AES:100Mbps  60Mbps  <b>Package Content:</b> 1x Balance 20X 2x LTE Antennas (ACW-813 or ACW-234) 2x Wi-Fi Dual Band Antennas (ACW-341) 1x GPS Antenna (ACW-232) 1x 2V 3A Power Supply (ACW-602) <b>Antenna Connectors:</b> 2x SMA Cellular Connectors 2x RP-SMA Wi-Fi Antenna Connectors 1x SMA GPS Antenna Connector  Warranty: 5 year Swap out Warranty	<b>1</b>
<b>5</b>	3yr / 36mths Support and Maintenance including call- out	<b>1</b>

**SCM REQUIREMENTS:**

**Please submit the following mandatory documents with your quotation:**

1. Valid SARS Tax Clearance Certificate or pin
2. A valid BBBEE certificate or Sworn Affidavit;
3. Central Supplier Database Registration Proof;
4. Completed attached declaration forms SBD6.1
5. ECNS LICENCE
6. 4 reference letters of similar projects
7. Vsat installer certificate
8. N+ certificate or equivalent

9. Dealer accreditation

Quotations and compliance documents must be emailed to the following address:  
[bcwayi@kinghintsacollege.edu.za](mailto:bcwayi@kinghintsacollege.edu.za)

**Closing Date:** 16 August 2023 @ 15h00

**PLEASE NOTE THAT NO LATE SUBMISSION WILL BE ACCEPTED**