Specifications and Requirements

For

Tender T UJ 14/2023: Network Hardware Refresh 2023

Specifications

1. **Overview**

The University of Johannesburg (UJ)'s Information and Communications Systems department (ICS) is responsible to provide IT services to enable UJ to meet its strategic objectives of research, teaching, and learning. To achieve this, a very stable, reliable, high performance and secured wired and wireless network is required. The university has over 50 000 full-time students across the four campuses and employs over 4 000 staff connected to the network.

The ICS department is currently undertaking a project to refresh End of Life Network and Wi- Fi infrastructure in selected areas within the four main campuses by only procuring network hardware and Wi-Fi devices. The installation will be done internally by the UJ Technical Team. We request that suppliers submit proposals as per the specifications and requirements stated below.

2. **Requirements**

The successful supplier **must** meet the following requirements:

2.1 **Technical Requirements**

2.1.1 **Huawei certified partner** – Proof to be provided. **Failure to provide valid proof of certification will lead to disqualification.**
   I.e., Valid Value-Added Partner Certificate indicating the Star Level Partnership

2.1.2 Only Supply of Huawei network equipment that include Network Switches, Wi-Fi Access Points, peripherals such as fibre modules and stacking cables. The delivery period to be indicated.

2.1.3 Supply of Cisco SFP transceivers specified.

2.1.4 Supply of Huawei SFP transceivers.

2.1.5 Co-Care Premier is required 24x7x4H.

2.1.6 Company must be able to transfer the Co-Care maintenance to the current UJ network maintenance partner.

2.1.7 **Co-Care start dates must be arranged with UJ before orders are placed with the vendor or distributor.**

3. **Additional notes**

- The response must strictly adhere to the BOQ / Pricing Schedule (page 6) requirements. Deviations must be clearly mentioned and explained. However, it will be at the sole discretion of UJ to accept or reject such deviations.
- Air Freight must be considered for network hardware. To be included in pricing.

- If newer models of switches and access points are recommended, please price separately with explanation and benefits - Data Sheets be also included.
- Contract to be signed between the two parties for the duration of the implementation of the project before ordering of equipment is done.
- Pricing sheet to be submitted in two formats excel spreadsheet and PDF format.
- Draft contract with terms and conditions is attached

4. Technical Adjudication

This Tender will be evaluated in three stages

- Stage 1 – Tender Compliance
- Stage 2 – Functionality
- Stage 3 - Financial and B-BBEE

4.1 Stage 2 – Functionality Evaluation Criteria

Requirements – Network hardware:	
Huawei Partners	Service provider to produce the certification level from partner. **Failure to provide valid Huawei Certificate will lead to disqualification.**
Delivery Dates	Delivery dates to be indicated
Co-Care to be included and priced	Co-Care must be able to be transferred to the existing UJ network management provider after successful implementation. **Co-Care start dates must be arranged with UJ before orders are placed with the vendor or distributor.**
References	Service provider to submit minimum 3 references with contact names and numbers pertaining to Huawei network hardware. References can be in the form of letters from clients or on service provider letterheads referencing the type of work/supply undertaken for a client

General:
- Current Workload for the University of Johannesburg to be declared.
- Payment will be can/affected after equipment is delivered and core care is transferred

Compulsory: (Disqualification Criteria)

- Huawei certified partner – Proof to be provided
- Fully priced BOQ indicating delivery timelines.

Annexure A

Point Allocation:

Criteria	Sub-criteria	Points
Bidder's proposal must fully meet UJ requirements for this tender (bidders must submit a proposal adhering to all UJ requirements, Bill of Quantities, and pricing sheet to qualify for the points indicated)	**Bidder's proposal that fully meets UJ requirements, Bill of Quantities, and pricing sheet for this tender = 30 points** **Bidder's proposal that partially meets or does not fully meet UJ requirements, Bill of Quantities, and pricing sheet for this tender = 0 points**	**30**
Meet UJ specifications and requirements	**Supply of Huawei network equipment including Wi-Fi Access Points – Delivery period to be indicated = 30 points** **Supply of Huawei SFP and CISCO transceivers. Delivery period to be indicated = 10 points** **Co-Care Premier is required 24x7x4H. To transfer co-care to exiting provider/UJ. Co-Care included in submission = 10 points**	**50**
References **Bidder's relevant experience for the assignment** (The bidder must attach a signed reference letter with a letterhead from the clients where Huawei firewall services were provided to qualify for the indicated points)	The reference letter must bear the letterhead of the organization where similar services were provided. UJ reserves the right to contact these organizations, without prior notice to the bidder. • Bidder with no and or less than two reference letters without similar services **= 0 points**. • Bidder with two reference letters of contracts of similar services **= 5 points.** • Bidder with three reference letters of contracts of similar services **= 10 points.** • Bidder with four reference letters of contracts of similar services **= 15 points.** • Bidder with five or more reference letters of contracts of similar services **= 20 points.** • **NB Reference letters must be dated and must not be older than 5 years.**	**20**

A minimum of 70 points is required by any tenderer before further evaluation. All tenderers who achieve 70 points or more and who provide valid proof of the required certifications will be evaluated equally in terms of Stage 3.

7.2 Stage 3 - Financial and B-BBEE

- Price   (80 points)
- B-BBEE   (20 points)

Checklist

Requirement	Provided Yes/No	Comments
Huawei certified partner – Valid Proof to be provided (Mandatory Requirement)	Provided Yes/No:	
Supply of Huawei network equipment including Wi-Fi Access Points – Delivery period to be indicated	Delivery Period:	
Supply of Huawei SFP transceivers	Delivery Period:	
Supply of CISCO SFP transceivers	Delivery Period:	
Co-Care Premier is required 24x7x4H. To transfer co-care to existing provider	Priced yes/No:	
References with contact details 3 x Huawei hardware references	Yes/No:	
Current UJ workload	Yes/No:	

7.3 Bill of Quantity (page 6 below)

No.	Part Number	Model	Description	Quantity	Price per Unit	Total
1	**Optical Transceiver**					
1,1	**10G-SFP+ Optical Transceiver**					
	2318170	OSX010000	Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)	10		
	2318169	OMXD30000	Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.3km,LC)	10		
1,2	**Cisco Optical Transceiver**					
	Cisco 10G-SFP+ Single Mode		Optical Transceiver,SFP+,10G,Single-mode Module(1310nm,10km,LC)	2		
	Cisco 10G-SFP+ Multi Mode		Optical Transceiver,SFP+,10G,Multi-mode Module(1310nm,10km,LC)	2		
2	**S5700 Series Ethernet Switches**					
2,1	**S5731 S Series Access Switches**					
	02353AJH	S5731-S48P4X	S5731-S48P4X (48*10/100/1000BASE-T ports,4*10GE SFP+ ports,PoE+,without power module)	15		
2,2	**License**					
	88035WTE	N1-S57S-M-Lic	S57XX-S Series Basic SW,Per Device	15		
	88060RUV	N1-S57S-M-SnS	S57XX-S Series Basic SW,SnS,Per Device(Annual fee validity period : 1 year from " 90 days after PO signed ")	15		
2,3	**Technical Support Service**					
	88134UHD	02353AJH-88134UHD-12	S5731-S48P4X (48*10/100/1000 Base-T ports, 4*10Ge SFP+ ports, 1*expansion slot, POE+, without power module)-Co-Care Premier 24x7x4H Service-12Month(s)	15		
2,4	**Power**					
	02312KND	PAC1000S56-CB	1000W AC&240V DC Power Module	15		
2,5	**Additional Spare Power Supplies**					
	02312KND	PAC1000S56-CB	1000W AC&240V DC Power Module	5		
2,6	**SFP+ High Speed Cable**					
	02311VGK	SFP-10G-CU0M5	10G SFP+ High speed dedicated stack cable-0.5m	6		
	02311VGN	SFP-10G-CU1M5	10G SFP+ High speed dedicated stack cable-1.5m	4		
3	**WLAN AP**					

Annexure A

3,1	Indoor AP					
	02353GSJ	AirEngine6760-X1	AirEngine6760-X1(11ax indoor,4+6 dual bands,smart antenna,USB,IoT Slot,BLE,Optional RTU upgrade to 4+8/4+4+4/4+6+Scan)	15		
				Sub Total		
				VAT		
				Total Including VAT		

Annexure A