



UNIVERSITY
OF
JOHANNESBURG

Specifications and Requirements

for

T UJ 20/2025: UJ On Stanley Network Hardware Refresh Project Phase 2

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Specifications

1. Overview

The University of Johannesburg (UJ)'s Information and Communications Systems department (ICS) is responsible for providing 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 secure 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 upgrade the network infrastructure at UJ campuses by procuring network hardware i.e. switches and high-speed dedicated stack. We request that suppliers submit proposals as per the specifications and requirements stated below.

2. Requirements

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

- Huawei Certified Partner – **Advanced** or **Master** Specialization Levels in Data Communication – Valid Certificate.

3. Additional notes

- The response must adhere to the requirements strictly. Deviations must be clearly mentioned and explained. However, it will be at the sole discretion of UJ to accept or reject such deviations.
- If newer models are recommended, the service provider to price the new models on a separate quote with the same quantities. Data sheets to be included.
- Contract to be signed between the two parties for the duration of the project before ordering of hardware is done.
- Project is for supply of equipment only. No installation or project management fees need to be included.

4. Technical Adjudication

This Tender will be evaluated in three stages:

Stage 1 – Tender Compliance Evaluation

Stage 2 – Technical \ Functionality Evaluation

Stage 3 - Financial and B-BBEE Evaluation

4.1 Stage 2 – Technical\Functionality Evaluation Criteria

Compulsory: (Disqualification Criteria)

- Advanced or Master Specialization Levels: Data Communication – Valid Certificate. Certificate is required

Failure to provide a valid Certificate will lead to disqualification.

Should a tenderer provide invalid, expired or no proof of the required certificates, they will not be evaluated further.

Point Allocation:

Requirement	Maximum points attainable
Meet specifications and requirements (all requirements in the check sheet) <ul style="list-style-type: none">• Fully priced BOQ = 30 points• Indication of ETA for equipment delivery = 30 points in total<ul style="list-style-type: none">○ 4 to 6 weeks = 30 points○ 7 weeks or more = 10 points	60
References – 4 contactable references 4 Networking references = 40 points (10 points for each reference) References must include the declaration of supply of Huawei Switching and WLAN equipment. References to be on a client Letterhead. The references must not be older than 5 years.	40
Total Points awarded	100

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.

Should the supplier provide expired certificates, no points will be obtained for the resources indicated.

4.2 Stage 3 - Financial and B-BBEE

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

5. BOQ – Network Equipment

No.	Part Number	Model	Description	Qty	Price per Unit	Total
1	S5700 Series Ethernet Switches					
1.1.1	S5731 S Series Access Switches					
	02353AJH	S5731-S48P4X	S5731-S48P4X (48*10/100/1000BASE-T ports, 4*10GE SFP+ ports, PoE+, without power module)	7		
1.2	License					
			S57XX-S Series Basic SW, Per Device	7		
			S57XX-S Series Basic SW, SnS, Per Device (Annual fee validity period : 1 year from " 90 days after PO signed ")	7		
2	S5700 Series Ethernet Switches					
2.1.1	S5731 S Series Access Switches - 24 Ports					
	02353AHX-003	S5731-S24P4X	S5731-S24P4X (24*10/100/1000BASE-T ports, 4*10GE SFP+ ports, PoE+, without power module)	4		
2.2	License					
			S57XX-S Series Basic SW, Per Device	4		
			S57XX-S Series Basic SW, SnS, Per Device (Annual fee validity period : 1 year from " 90 days after PO signed ")	4		
2.3	Power					
	PAC1000S 56- CB		1000W AC&240V DC Power Module	22		
3	SFP+ High Speed Cable					
	SFP-10G-CU0M5		10G SFP+ High speed dedicated stack cable-0.5m	10		
	SFP-10G-CU1M5		10G SFP+ High speed dedicated stack cable-1.5m	4		
Wireless Equipment						
4	WLAN AirEngine 9703-S					
	02355URF	AirEngine9703-S-T	AirEngine9703-S-T mainframe (8*GE Combo ports, 16*10GE SFP+ ports, 2*40GE QSFP+ ports, no power)	1		
4.2	Power					

	02313BUS	PAC600S12-PB	600W AC Power Module(Back to Front, Power panel side exhaust)	2		
4.3	Software					
	88035WEY	L-AIRAC-1AP	AirEngine Access Controller AP Resource License(1 AP)	76		
4.4	Wireless Access Points					
	AirEngine 6776-57T_AP					
4.4.1	WLAN AP Hardware					
	50086828	AirEngine6776-57T	AirEngine6776-57T(11be indoor,2+2+4 tri bands,smart antenna,USB,BLE)	48		
4.4.2	Technical Support Service					
	88134UGJ-61K	50086828_88134UGJ-61K_12	AirEngine6776-57T (11be indoor,2+2+4 tri bands,smart antenna,USB,BLE)_Co-Care Basic AirEngine6776_12Month(s)	48		
	AirEngine 8771-X1T_AP					
4.4.3	WLAN AP Hardware					
	02355CXW	AirEngine8771-X1T	AirEngine8771-X1T(11be indoor,4+4+4 Triple bands,Scan radio ,Dynamic-zoom smart antenna,USB,BLE)	28		
4.4.4	Installation Accessories					
	14080698	HYC-CMP-RPC	Crystal Modular Plug,8Pin,8bit,RPC,straight male,1mm^2~4mm^2,wire mounting,without screw, field installation(Gray)	28		
4.4.5	Technical Support Service					
	88134UGJ-489	02355CXW_88134UGJ-489_12	AirEngine8771-X1T(11be indoor,4+4+4 Triple bands,Scan radio ,Dynamic-zoom smart antenna,USB,BLE)_Co-Care Basic AirEngine8770_12Month(s)	28		
	10G-SFP+ Optical Transceiver					
			Optical Transceiver,SFP+,10G,Multi-Mode	2		
Sub Total						
VAT						
Final Total						

Tenderers to strictly adhere to the above pricing table.

6. Checklist:

Requirement		Comments
Huawei Partner Certificate (Mandatory Requirement)	Provided Yes/No:	
RATE of EXCHANGE	R20,50 to EURO to be used for quoting	UJ can ask for a requote on another exchange rate in the tender process.
References Provided?	Provided Yes/No:	

Requirements:	
Advanced or Master Specialization Levels: Data Communication – Valid Certificate.	Service provider to produce the Partner certification level from Huawei
Installation	UJ Technicians to do the installation inhouse.