



UNIVERSITY  
OF  
JOHANNESBURG

## **Specifications and Requirements**

**for**

**T UJ 31/2024: Procurement of Network Equipment for UJ on Stanley**

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# 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 upgrade the network infrastructure at UJ on Stanley campus by procuring network hardware ie switches and fiber modules. 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 – 3 or 4 or 5 star partner: DATA COMMUNICATION – Valid Certificate to be submitted OR valid VAP Certificate.**
- **Cisco Gold Partner - 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.
- If possible, Air Freight to be used.
- Project is for supply of equipment only. No installation or project management fees to be included.

## 4. Technical Adjudication

This Tender will be evaluated in three stages:

**Stage 1** – Compliance Checks – Done by tender office if submission meets tender compliance requirements

**Stage 2** – Technical\Functionality Check – Done by Technical Team

**Stage 3** - Financial and B-BBEE – Done by Technical Team and Tender office

#### 4.1 Stage 2 – Technical\Functionality Evaluation Criteria

##### Compulsory: (Disqualification Criteria)

- Huawei Certified Partner – Valid Proof of 3 or 4 or 5 star partnership in DATA COMMUNICATION Category OR Certified VAP Partner. Certificate required
- Able to supply CISCO branded SFPs

**Failure to provide 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 - Fully Priced BOQ1 and BOQ2	60
References – 4 contactable references 4 Networking references = 40 points (10 points for each reference) References must include the declaration of supply of Huawei and Cisco Switching and WLAN equipment. References to be on client Letterheads.	40
<b>Total Points awarded</b>	<b>100</b>

**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 Other

- Price (80 points)
- BBBEE (20 points)

## 5.1 BOQ 1 – Network Switches and Fiber Modules (Huawei)

No.	Part Number	Model	Description	Qty.	Price per Unit	Total
<b>1</b>	<b>S5700 Series Ethernet Switches</b>					
<b>1,1</b>	<b>S5731 S Series Access Switches</b>					
	02353AJH	S5731-S48P4X	S5731-S48P4X (48*10/100/1000BASE-T ports,4*10GE SFP+ ports,PoE+,without power module)	12		
<b>1,2</b>	<b>License</b>					
	88035WTE	N1-S57S-M-Lic	S57XX-S Series Basic SW,Per Device	12		
	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 ")	12		
<b>1,3</b>	<b>Power</b>					
	02312KND	PAC1000S56-CB	1000W AC&240V DC Power Module	24		
<b>1,4</b>	<b>SFP+ High Speed Cable</b>					
	SFP-10G-CU0M5		10G SFP+ High speed dedicated stack cable-0.5m	7		
	SFP-10G-CU1M5		10G SFP+ High speed dedicated stack cable-1.5m	5		
<b>TOTAL EXCL. VAT</b>						
<b>VAT</b>						
<b>TOTAL INCL.VAT</b>						

## 5.1 BOQ 2 – Network Switches and Fiber Modules (Cisco)

No.	Part Number	Model	Description	Qty	Price per Unit	Total
<b>1</b>	<b>C9300X-24Y-A Fibre Switches</b>					
<b>1.1</b>	<b>C9300X-24Y-A Core Fibre Switches</b>					
		C9300X-24Y-A	Catalyst 9300X 24x25G Fiber Ports, modular uplink Switch	2		
<b>1.2</b>	<b>License</b>					
		C9300-DNA-L-A-3Y	DNA Advantage 3 Year License	2		
		CON-L1NCD-C9300XYA	SNTC-24X7X4 Catalyst 9300X 24X25G Fibre ports	2		
<b>1.3</b>	<b>Network Module</b>					
		C9300X-NM-2C	Catalyst 9300 8 x 10/25G Network Module SFP+SFP28	2		
<b>1.4</b>	<b>Power</b>					
		PWR-C1-715WAC-P/2	715W AC 80+ platinum Config 1 Secondary Power Supply	1		
<b>1.5</b>	<b>SFP+ Transceivers</b>					
			10GBASE-SR SFP Module	12	100	
<b>Sub Total</b>						
<b>VAT</b>						
<b>Final Total including VAT</b>						

**Tenderers to strictly adhere to the above pricing table.**

## 6 Checklist:

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

Requirements :	
3 or 4 or 5 Star Huawei Partners	Service provider to produce the Partner certification level from Huawei
Installation	UJ Technicians to do the installation inhouse.