



UNIVERSITY
OF
JOHANNESBURG

High Level Requirements

for

**Tender T UJ 36/2022 APK On-Campus Residences Fibre Infrastructure
Installation Project**

Table of Contents

1. Overview	3
2. Site Inspection.....	3
3. Requirements.....	3
4. Project Management	3
5. Additional notes.....	4
6. Bill of Quantities.....	Error! Bookmark not defined.
7. Technical Adjudication	7
8. Check List	8

Requirements

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 install fiber infrastructure to APK campus residences and buildings. This includes route building from the residence\building into the Auckland Park Kingsway Campus (APK) Data Centre. We request that suppliers submit proposals as per the specifications and requirements stated below.

2. Site Inspection

Before submitting a tender, the tenderers are **strictly required to inspect the sites** in order to familiarise themselves with regard to relevant local site conditions, site accessibility, the nature of operations required, availability of labour and any conditions pertaining thereto, together with conditions relating to unloading, carting and storage of materials, equipment and tools required for the works.

Tenderers are requested to bring measuring wheels on the day of the Site briefing.

3. Requirements

Annexure A (2) to be referenced for submission.

3.1 Mandatory Requirements:

The successful supplier **must** meet the following requirements failure to submit will disqualify your submission:

3.1.1 Must be a Fiber Certified Installer. Valid Certificate and Proof to be provided. Fiber Certification should be a BICSI Regulation Industry Standards affiliated e.g.

- Molex
- Krone/Commscope
- Telegartner
- Siemon

3.2 Experience and Qualifications:

The service providers must have the following competencies and expertise:

- Minimum of five (5) years in rendering similar services, proof to be provided.
- Must have at least a minimum of three (3) employees that are BICSI/FOA affiliation Certified and will carry out the installation. Proof to be provided.

3.3 References:

Minimum of three (3) verifiable and contactable references for similar services rendered successfully.

3.4 General

- 3.4.1 Responsibility lies with the winning supplier to oversee that work gets completed on time and to the quality standards as stipulated by UJ and ICASA.
- 3.4.2 The Service provider to be a **qualified fiber cable installer (micro-duct blown fiber)**.
- 3.4.3 Site inspection to be done before materials are ordered.

3.5 On Completion of the Project

- 3.5.1 Document or as-built diagram indicating full installation of fiber cabling from Data center to each building.
- 3.5.2 In accordance with ANSI TIA-606-C standard. Labelling of fiber cables on the cable itself and the splice trays indicating where the cable is terminating.
- 3.5.3 Strictly OLTS and OTDR complete testing results to be produced on all fiber cables.
- 3.5.4 **Fiber Optic Test Report is a prerequisite.**

4. Project Management

Project management methodology relating to this project must be included.

The project duration from site handover will be 8 months (from site handover). The service provider to ensure that the programme/methodology to demonstrate the following:

- The programme to be sequenced properly
 - The activities need to be linked
 - Indicate a critical path
- 4.1.1 Installations should be conducted during normal office hours but where cut overs are needed after hours installations will need to be accommodated for.
 - 4.1.2 High level project plan and Project methodology relating to this project to be included as part of the submission.
 - 4.1.3 Detailed project plan will be required by the successful service provider after awarding.

5. Additional notes

- The response must strictly adhere to the requirements. Deviations must be clearly mentioned and explained. However, it will be at the sole discretion of UJ to accept or reject such deviations.
- Health and Safety file to be submitted after the award and compliance to government protocols to be strictly adhered to.
- Contract to be signed between the two parties before commencing with the installation for the full period including installation and maintenance for 1 year.

6. Technical Adjudication

This Tender will be evaluated in three phases:

Phase 1 – Compliance to mandatory documents required

Phase 2 – Functionality

Phase 3 - Financial and Other

6.1 Phase 2 – Functionality Evaluation Criteria

Requirement	Score	Provided Y/N
Provide a list of at least 3 references from current or previous customers indicating what and when you performed the related work for them together with recent contact details including telephone numbers. Failure to provide reference and contactable telephone numbers will be a detriment to your scoring and impact your overall evaluation. (10 points for each reference)	30	
Company existence - Preferred minimum of five (5) years in rendering similar services. Industry experience. Proof to be provided. 5 + Years = 15 points 3 - 5 years = 10 Points 1 - 3 Years = 5 Points 0 - 1 Year = 0 Points	15	
Must have at least three (3) employees that are BICSI/FOA Certified. Proof to be provided. (5 Points for each employee)	15	
Project methodology No points will be granted for poor project methodologies	20	
Project Plan indicating tasks sequenced correctly (5 points) Indicating critical path (5 points)	10	
Total	100 Points	

Point Allocation:

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 Phase 2. Should a tenderer provide invalid, expired or no proof of the required certifications, they will not be evaluated further in terms of phase 2, for price and B-BBEE.

6.2 Phase 3 - Financial and Other

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

DOCUMENTS:

ANNEXURE A (1) – Requirement's document

ANNEXURE A (2) – Full Specifications and BOQ for compliance to installation

ANNEXURE A (3) – Diagram