RFQ No: SABEN 0029/2022

#	Item
1	Site surveys
2	Cabinet installations
3	All-inclusive per meter cost for the supply, installation and routing of inter-cabinet/ switch fibre
4	All-inclusive cost for the splicing of fibre
5	All-inclusive cost for the core drill
6	All-inclusive per meter cost for the supply, installation, crimping and routing of cabling between switches and access points
7	Installation and testing
8	Wi-Fi network configuration
9	Support

Sekhukhune TVET College

- SEK - Apel
- SEK - CN Phatudi
- SEK - CS Barlow and Central

Minimum Specification	Price (ex VAT)
A site survey in conjunction with TVET staff of each campus to determine the optimum location, routing and installation required for the standard bill of materials. The site survey document (one per campus) will be generated as per a provided template. The site survey document will be countersigned by the College IT manager and submitted to the TCCP project team for verification.	
Installation of cabinets at agreed positions with associated power connection.	
Single mode fibre optic cable (G657A2) 1310nm - 4 core terminating on 4 port fibre distribution boxes both sides and including 1m duplex LC-LC single mode optic fibre patch leads. Includes connectors to cabinet equipment. Including per meter for trenching and 30mm bosal pipe installs.	
Should cause maximin loss of between 0.1 and 0.5 dBm per splice	
Minimum of 30mm	
Outdoor: Category 6 Shielded twisted LAN pair cable CCA, UV protected, 4 pairs, outdoor use, grey; Indoor: Category 6 LAN pair cable CCA, 4 pairs, indoor use, grey; Cat 6 LAN point installation including labour, terminate on patch panel on server cabinet side and Rj45 on Wi-Fi AP side - max distance 80 m. includes connectors to cabinet equipment and APs (RJ45).	
The installation will be performed according to the approved site survey document. The Wi-Fi will be tested according to prescribed test procedures. The installation test pack will be countersigned by the College IT manager (or equivalent) and provided to the TCCP team for approval. This includes the sign off of Skills transfer / capacitation / operating procedure.	
The service provider will support the college with the logical design and configuration of the Wi-Fi network with multiple SSIDs.E.g., for academic staff, administration staff, students and guests, each with a unique key.	
The contracted service provider will provide 3-year support on the installation from the date of commissioning comprising an average of 12 hours of support per quarter over 12 months. The 12 hours will be a mixture of telephonic support and will include on average 1 site visit per quarter.	

Completion of installation time (weeks)	Comments	Assurance of Compliance (insert 'COMPLY' to certify that the installation and support offered complies with the minimum specifications)
XXXXXXXXX		
XXXXXXXXX		
XXXXXXXXX		
XXXXXXXXX		