

## UPGRADING OF KLB LOCAL AREA NETWORK



Technicians setting up cables at KLB Head Office.

KLB has hired Hansen Group Limited to enhance our Local Area Network (LAN). The project will cover both the Head Office and the Customer Service branch at Kijabe Street.

The project is being implemented in two stages (Head Office and Customer Service branch) and has been divided into three major phases which are; civil works and installation of passive devices; installation of fibre optic cables; and installation of active devices, all of which are expected to be

completed by 2nd March, 2023. Work at the Head Office is expected to be complete by March 2023. For the Customer Service branch, works are expected to begin within this quarter. The handing over is expected to take place on 17th March 2023.

The objective of this initiative is to supply, install and configure the active network equipment, related devices and accessories. Also to be installed are switches

that support backbone speeds of 1G end user, a network infrastructure with at least 350 data points running on fibre optic backbone and Cat 6A Ethernet cables. The wireless controller setup will also be configured to provide seamless roaming of a Wi-Fi user between the access points, as well as integrate network and end user security including the firewall, intrusion prevention system (IPS),

active directory and anti-malware/antivirus.

Once completed, the upgraded Local Area Network will replace older equipment that has reached the end of support, make it possible for us to run all applications fast and smooth, enable configuration of LAN security appropriately, ease management of resources and build a robust network.



A rack cabinet for network switches installed in one of the offices at KLB.