



# DEMOCRATIC REPUBLIC OF CONGO

## PROJECT SCOPE

Installation and commissioning of:

- Plesiochronous Digital Hierarchy (PDH), Synchronous Digital Hierarchy (SDH), Teleprotection (TP) and Private Automatic Branch Exchange (PABX) network with 30 telecom panels
- 29 telecom towers
- 7 solar shelters along 1500km of High Voltage Direct Current (HVDC) line
- High Frequency radio network for voice & data communications between two control centers situated 1500km apart
- CCTV system in remote shelter sites

## BENEFITS

- Improved management of the electrical grid network
- Remote control of substations from both control centers, with greater protection of electrical lines
- Enhanced communications between operational teams
- Improvement of exchanges with Zambia and communications between Distribution Control Systems (DCS) located in HVDC and High Voltage Alternate Current (HVAC) substations