

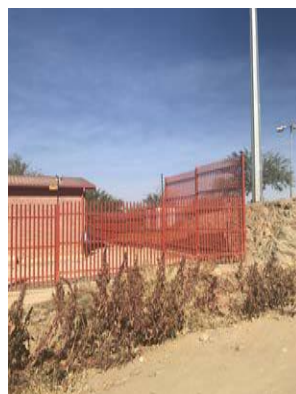


# BABILON DISTRIBUTION STATION

(Tipeeg Project) - Service Provision

## PROJECT STATS

- Value** NAD 15.6 million  
USD 0.96 million (ROE 16.24)
- Location** Windhoek, Namibia
- Client** City of Windhoek
- Start** 06/2011
- Finish** 05/2015



The work comprised the supply, delivery, installation and commissioning of the complete electrical installation, including:

- Two x 185mm<sup>2</sup> x 3c underground medium voltage (11kV) PILC DSTA primary feeders between the existing Lafrenz Load Centre and a new 11kV indoor distribution station, namely "Babilon Distribution Station". Approximate distance is 2.8km.
- Twelve pair fibre optic communications cable between the existing Lafrenz load centre and Babilon DS. Approximate distance 2.8km.
- Erection of a new 9-panel, 68m<sup>2</sup> distribution station building complete.
- 11kV AC metal-clad Switchgear panels complete with CT's, VT's, metering and protection relays (2 x incomers, 4 x feeders, bus-coupler and busbar riser).
- Medium voltage cable trenches, provision of cable bedding, backfilling and compaction.
- Erection of miniature substation plinths.
- Earth installation testing and lightning protection installation to the building.

## SERVICES

- Project Management
- Preliminary & detailed design
- Tender documentation, process & evaluation
- Construction supervision
- Contract administration

Civil

Structural

Electrical