



Construction of a new 40 MVA, 66kV/11kV electrical load centre in Lafrenz Industrial Area, as part of the City of Windhoek's 66kV backbone strengthening.

Overview of works:

- Dismantle existing load centre.
- Construction of the load centre yard.
- Erection of structure foundations for all equipment.
- Galvanized steel support structures.
- Termination gantries.
- Erection of termination gantries for 66kV lines.
- Construction of new 66/11kV switch- and control room.
- Oil spillage bund walls, drainage sump with pipe and manhole system for the transformers, draining into an oil spillage management system.
- New palisade fencing around the entire terrace.
- Stormwater catch-pit and drainage measures.
- Kerbing around the substation, outside the fence, to contain the yard stone
- Yard stone and pave around switchroom.

LAFRENZ LOAD CENTRE

66kV/11kV

PROJECT STATS

Value	NAD 42.5 million USD 2.6 million (ROE 16.24)
Location	Windhoek, Namibia
Client	City of Windhoek
Start	05/2016
Finish	09/2019



Civil

Structural

Electrical

SERVICES

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