

Eskom: Medupi Power Station



CLIENT:

Eskom

CONTACT:

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DATE:

June 2009 – March 2019

DISCIPLINE/S: Multi disciplinary (Structural, Architectural, Electrical, Mechanical, Fire Engineering, Building Management Systems)

PROJECT DESCRIPTION:

The project comprises the design and construction of 48 auxiliary commercial and industrial buildings to the main power plant such as an office complex, canteen, several sub-stations, station services building, water treatment plant, etc. as well as some buildings that form part of the production plant. Professional services provided includes architectural, electrical (small power), fire and HVAC services as well structural design and the design of roads and services. Designs were completed using innovative 3D design software.

SALIENT FEATURES:

As far as possible all buildings on the plant were designed on the “green building” principle. This principle takes into account materials, construction methods, energy efficiency and impact on the environment and occupants. High levels of dust and noise needed to be taken into account during the construction stage and durability of the structures were of utmost importance in this extremely corrosive environment.

Project Value

R2 billion

