

# Cairo Metro Line 4 - Phase 1 (MEP Package CP411)

## Client

Colas Rail and Orascom Construction

## Scope of Work

Design Review  
Detailed Design

## Location

Giza, Egypt

## Types of Activities

Civil  
Communications and Security Systems  
Electrical  
HVAC  
Mechanical  
Piping

The line runs from Hadayek Al-Ashgar station to El-Malek El-Saleh station and consists of a total of 16 stations with a total length of 18.8 km.

The project comprises the construction of emergency generator buildings (5 types of separate generator buildings in each station), High Voltage Station (HVS) with a total BUA of 8,650 m<sup>2</sup>, Operation Control Center (OCC) with a total BUA of 9,500 m<sup>2</sup>, and the depot and workshop area on total land area of 340,515 m<sup>2</sup> and with a total BUA of 78,426 m<sup>2</sup>.

ECG is responsible for the design of Building Management System (BMS) at the SMO (Station Master Office) inside the stations, MEP works for 18 generator rooms, and MEP works for the depot & workshop areas including the infrastructure networks.