

CASE STUDY



Water/ Infrastructure Projects THE NEW ADMINISTRATIVE CAPITAL OF EGYPT "R3"

Country
Egypt

Dates
2016 till 2018

Overall Project Value
39.000.000 USD

Owner
New Urban Communities Authority

ENOIA's Consulting Value
338.400 USD



The new Administrative Capital of Egypt is a large-scale project announced at the Egypt Economic Development Conference on 13 March 2015.

The 700-square-kilometer "Capital Cairo" project aims at stimulating Egypt's ailing economy and alleviating Cairo's rising population density, while adhering to the cultural and climatic conditions of its site.

The new city is located 45 kilometers (28 miles) East of Cairo, just outside the Second Greater Cairo Ring Road, in a currently largely undeveloped area halfway to the seaport city of Suez. According to the plans, the city would become the new administrative and financial capital of Egypt, housing the main Government Departments and Ministries, as well as foreign Embassies.

On a total area of 700 square kilometers, the plan forecast a total population for the New Capital of five million people, though it is expected that the figure could increase to seven million.

New Urban Communities Authority (Cairo City Authority) awarded to ENOIA the assignment to review the detailed design and supervise the construction of all infrastructure works (roads, water, wastewater, irrigation, electrical, etc). The details of the works managed by ENOIA are as follows:

- Roads: 2,293,000m³ excavation and 3,595,000m³ backfilling complete with 4 mega tunnels
- Water: 79.2 km pipe lines diam. 100 mm ~800 mm
- Wastewater: 48.5 km pipe lines diam. 200 mm ~2250 mm
- Irrigation: 66.5 km pipe lines diam. 100 mm ~800 mm
- Electrical works: 11 Distribution Boards- 5000 Distribution Panels- 3500 Earthing System- 4000 Lighting Poles

Scope of Services

- Revision and approval of shop drawings
- Construction management and supervision for all works.
- Revision and approval of all material submittals and construction works.
- Preparation of periodical progress reports
- Monitoring the project progress against contractual time schedule
- Directed preparation and update of work schedules
- Review and analysis of contractors' claims
- Management and review of the contractors' monthly invoices
- Authorization for issuing of hand-over certificates after work completion

SITE DURING CONSTRUCTION



SITE FINAL STATUS

