

CASE STUDY



Water/ Infrastructure Projects AYYAT WASTE WATER PROJECT

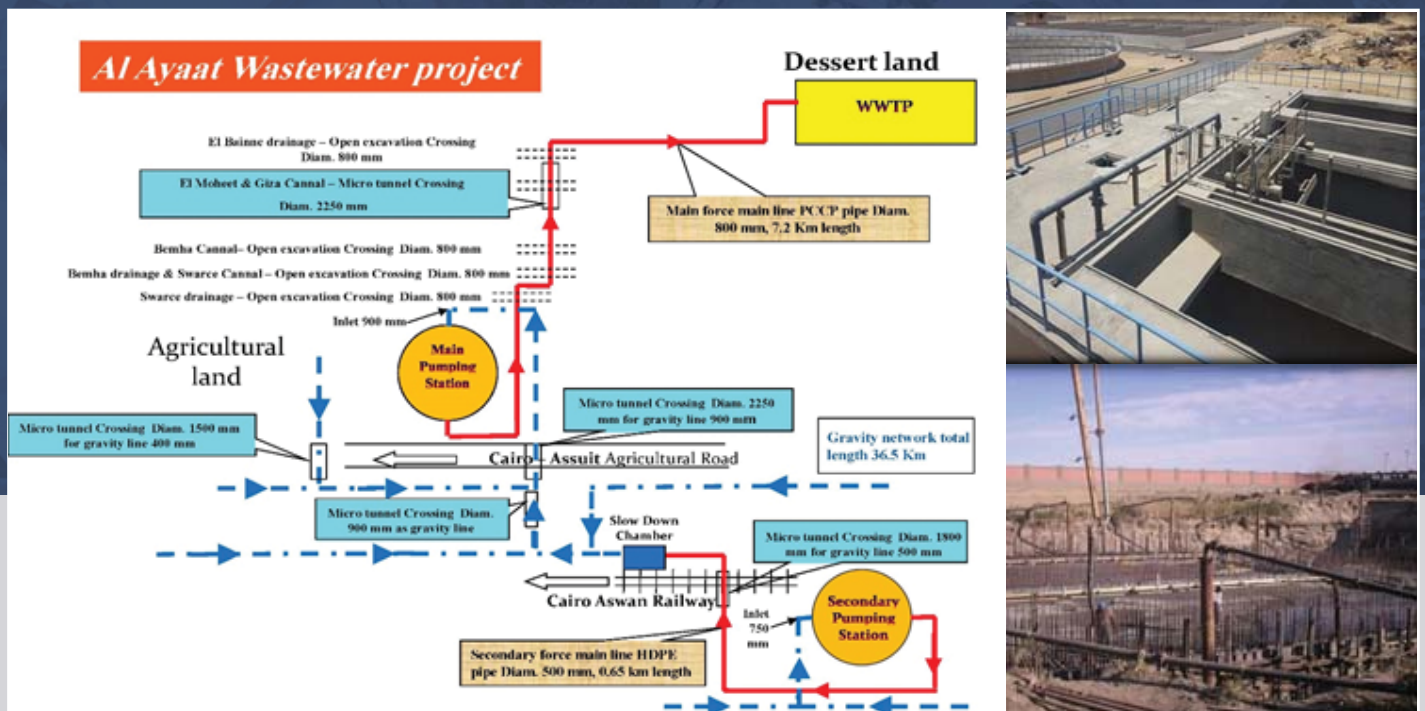
Country
Egypt

Dates
2007 till 2010

Overall Project Value
40,519,480 USD

Owner
CAPW

ENOIA's Consulting Value
941,490 USD



Within the Egyptian Government national program for infrastructure improvement and specifically for the extension of potable water and waste water services all over the country to keep up with the high demographic growth, ENOIA was entrusted by the Construction Authority for Potable Water and Wastewater (CAPW) to carry out the consultancy services for designs review and construction & operation supervision for Al Ayat water and waste water facilities.

The project included the provision of consultancy services for the design review and the construction supervision of civil and electromechanical works, and for the monitoring of operation and maintenance throughout the one-year warranty period for Al Ayat Wastewater Treatment plant with a capacity of 40,000 m³/day. The assignment also included pumping stations, the 800 mm force main for a total length of 7,200m, Micro tunnel crossing (Diam. from 900mm to 2250 mm) and the sewage gravity network with different diameters for total length of 36.5 km.

Scope of Services

ENOIA was the prime Engineering Consultant involved in Ayyat water and waste water project providing the following services:

- Review of the detailed design and workshop drawings
- Construction management and works supervision;
- Review and approval of construction and procurement plans;
- Approval of all construction works;
- Supervision of Operation and Maintenance during the warranty period;
- Reviewing and analyzing of the claims, whenever required.
- Support during the initial and final handing over.
- Approval of the As-Built drawings.