

CASE STUDY



Water/ Infrastructure Projects KAFR EL SHEIKH WATER AND WASTEWATER PROJECTS C39

Country
Egypt

Dates
2008 till 2012

Overall Project Value
133.333.330 USD

Owner
NOPWASD

ENOIA's Consulting Value
1.072.407 USD



Kafr El Sheikh Governorate lies in the Nile Delta in the northern part of Egypt, about 130 km north of Cairo, along the western branch of the Nile. Its capital is the City of Kafr El Sheikh, which is the fourth largest city in the Nile Delta.

In 2016, the National Organization for Potable Water and Sanitary Drainage (NOPWASD) awarded to ENOIA the provision of consultancy services for the design review and construction supervision of Kafr El Sheikh Water and Wastewater Projects, mainly in the four towns of Fouah, Quleen, Desouk and Kafr El Sheikh.

The details of the projects managed by ENOIA are the following:
Water Projects:

- Fouah Water intake and extension of the WTP to 10,000 m³/day
- Quleen Water intake, distribution network, elevated tanks and WTP (35,000 /70,000 m³/day).
- Desouk Distribution networks, elevated tanks and WTP (86,000 m³/day).

Wastewater Projects:

- Fouah Gravity lines, Pumping stations, force main lines and WWTP (20,000 m³/day).
- Desouk Gravity lines, Pumping stations, force main lines and WWTP (50,000 m³/day).
- Kafr El Sheikh Gravity lines, Pumping stations, force main lines and WWTP (95,000 m³/day).

Scope of Services

ENOIA was appointed as the Engineering Consultant for the Kafr El Sheikh water and wastewater projects and provided the following services:

- Review and approval of the detailed Design and workshop drawings.
- Construction management and supervision for all works.
- Support during the appraisal of the subcontractors' offers for Civil works.
- Review and approval of construction and procurement plans.
- Approval of all construction works.
- Supervision of Operation and Maintenance during the warranty period
- Support during the initial and the final handing over.
- Preparation of the As-Built drawings