

Adabeya Port

Client

Arab Contractors (Osman Ahmed Osman)

Scope of Work

Detailed design
Shop drawings
As built-drawings

Location

Suez, Egypt

Types of Activities

Architectural
Communications and security systems
Civil works
Electrical
Fire protection
Geotechnical
HVAC
Infrastructure
Marine works
Mechanical
Structural

The General Authority for Red Sea Ports, the owner of the project, decided to execute extensions in the existing port of Adabeya. ECG provided full technical support in Adabeya Port EPC project. ECG scope included the review of detailed design and developing shop drawings for break water design (buildings to be safe against wave impact, sliding, and soil stresses); engine berth design (385m berthes with 12.5 m depth); potable water network (5.5 km piping); fire-fighting network; sanitary sewage network (1.6 km piping); irrigation network (3 km piping) and roads (6,640 m long with carriageway width of 15 m). The pavement is asphalt, interlock, and rigid types).

The port extension comprises infrastructure works (domestic, fire-fighting, sanitary sewage, Wastewater Treatment Plant (WWTP), irrigation, electrical, and communication networks), marine works (cut and fill protection sections, and engine berthes), roads & parking area, service buildings, drivers' building, distributors' building, transformer building, scale building, gates, yard fence, and customs area fence.

