

Electric Express Train Stations

Client

National Authority for Tunnels

Scope of Work

Concept Design
Schematic Design
Detailed Design
Construction Documents

Location

Various Locations, Egypt.

Types of Activities

Architecture
Communication and Security Systems
Construction Supervision
Electrical
External Infrastructure Networks
HVAC
Ventilation
Interior Design
Landscaping
Mechanical
Structures

62 Express / Regional Stations:

Development of the first high-speed train network in Egypt. 3 lines 2,000 km:

- Green Line: Ain Sokhna to Marsa Matrouh: 660 km, 23 stations (11 express and 10 regional).
- Blue Line: October Gardens to Aswan: 1,150 km, 36 stations (10 express and 26 regional).
- Red Line: Qena to Safaga: 250 km, 3 stations (2 express and 1 regional).

Full architectural and engineering station design.

Functionality is fundamental to the station planning and defines the station types:

Terminal Stations (G+M+1):

First / last stations, 6 track. Long platforms for extended in-station periods of time. Facilities to serve trains during turn round operations.

- Plaza 20,000 m².
- External works.
- Landscape.
- Parking.

BUA: 53,000 m², (typical).

Interchange Stations (G+M+1):

4 / 6 track: LRT, monorail and ENR. Train in-station periods reflect interchange requirements.

- Station Building.
- Commercial Area.
- Platform.
- Internal Plaza.
- Landscaping.
- External Works.
- Parking.

BUA: 50,000 m².

Plot Area: 1,200,000 m².

Intermediate Stations (G+M+1)

- Station Building.
- Retail.
- Cafés.
- VIP Lounges.
- Plaza, 10,000 m².
- External Works.
- Landscaping.
- Parking.

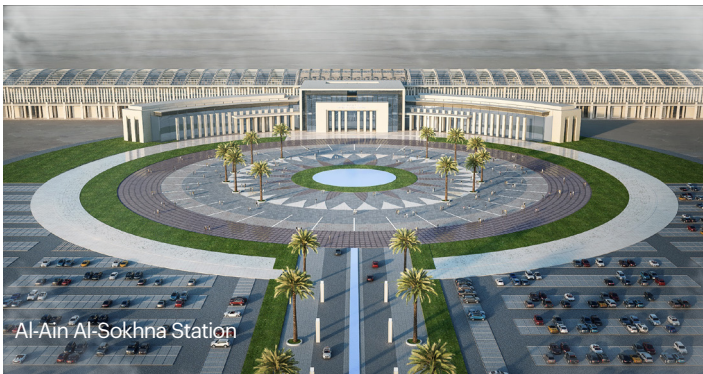
BUA: 15,000 m².



Marsa Matrouh Station



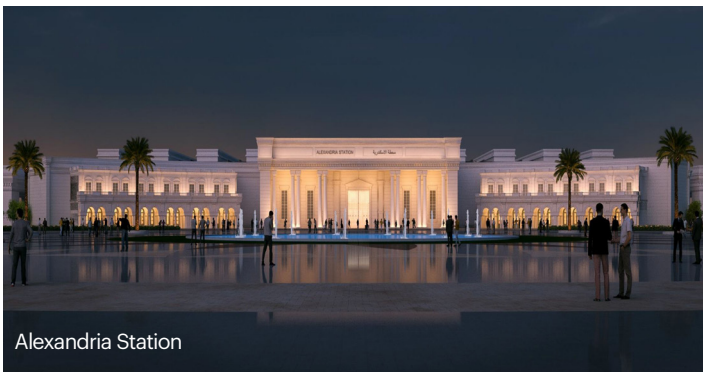
Giza Station



Al-Ain Al-Sokhna Station



New Capital Station



Alexandria Station



6th of October Station

