

Umm Al-Houl Economic Zone (QEZ 3)

Lead Consultant

Egis

Scope of Work

Design review (for infrastructure utilities and external networks)
Conceptual design (for some community service and utility buildings)
Preliminary design (for some community service and utility buildings)
Detailed design (for infrastructure utilities and external networks)
Tender documents

Location

Umm Al-Houl, Qatar

Types of Activities

Architectural
Communications and security systems
Electrical
HVAC
Infrastructure (wet utilities)
Interior design
Landscape
Mechanical
Structural

The Economic Zones Company (Manateq) plays a vital role in developing Qatar's National Vision by establishing and operating advanced projects of economic zones. Manateq is currently developing three special economic zones with a view to establishing an efficient, sustainable, and world-class business environment that enables and supports foreign and private-sector investments in Qatar.

Umm Al-Houl Special Economic Zone is intended to serve as a complete city integral to Qatar National Vision 2030, which aims to establish strong industries meeting the local demand. Located at Umm Al-Houl area near Mesaieed and Al-Wakrah, the industrial park project accommodates around 60,000 persons, offering them accommodation, recreation, and public & community services, alongside the commercial and business activities.

As a design subconsultant to Egis within the new economic zone, ECG shall work on developing full infrastructure utilities as follows:

- Four district cooling plants with a total capacity of around 150,000 TR
- Telecommunications network
- External networks & facilities of wet infrastructure utilities (including potable water, foul water, and treated sewage effluent utilities, as well as reservoirs)
- Sewage treatment plant.

With electricity approaching 1,500 mega volt-ampere, the networks shall cover all project areas with high reliability for industrial functions.

