

## Success Story

### Lusail City CP1 - Pump Stations

## Market Served Infrastructure



**Location** Qatar

**Scope** Construction and  
Project Management

**PM/CM** Parsons

**Consultant** Halcrow

## Summary

Lusail is the newest planned city in Qatar, located on the coast, in the northern part of the municipality of Al Daayen. Lusail is located about 15km north of the city centre of Doha, just north of the West Bay Lagoon, on over 35km<sup>2</sup> and will eventually provide accommodation for up to 260,000 people. It has marinas, residential areas, island resorts, commercial districts, luxury shopping and leisure facilities, including two golf courses, an all giraffe zoo and an entertainment district. Construction is still ongoing.

## Background

The main potable water line will be fed from Kahramaa Water Authority potable water network and this will feed into two reservoirs and pump stations. This network within CP1 will contain Chlorination Systems to maintain residential chlorine levels before being pumped throughout the CP1 network to various development plots. The Kahramaa feed has the facility to bypass both of the RPS1 & 4 pump stations if needed and feed directly to the CP1 network, CP1 irrigation system or various other Lusail districts. The potable water intake from Kahramaa will be used via the reservoirs and pump stations to also feed the fire water network with specialist fire pumps installed to increase pressure when needed.

Within the RPS (Potable Water) Pump stations, multiple systems need to be installed and commissioned to facilitate the function of the pump station. This include Chlorination Plant, Chlorine Analysers, HVAC, Cranes and various building and fire services.

## Services

Irinattech provided a comprehensive MEP project management, and engineering services package to all aspects of the MEP execution works.

Our core responsibility was to provide support to the main contractor in terms of planning, engineering, management and site supervision, assisted and supported the main contractor and managed all 15 subcontractors with all inter-related MEP works including design, installation, testing and commissioning, training and handover, to complete a prestigious infrastructure project valued at approximately QR5 Billion.

Irinattech is also providing full guidance to contractual documentation in all aspects of the project life cycle. Other KPIs were submitted to the client on a weekly/monthly basis for all types of risk and uncertainties including contractual, financial, safety, liaison with all authorities, QA/QC, health and safety, project closure procedure and documentation.

### Irinattech at a glance

We contract to local, regional and multinational corporations and public institutions. Our general scope of work includes Engineering, Procurement, Construction and Handover to end-user. Our current growth strategy focuses on leveraging opportunities in the emerging markets of the Middle East, South Asia and Africa. Primarily focused in the power

infrastructure market, we work across a range of industry sectors including energy, water, telecommunications and infrastructure.

#### Our services include:

- Turnkey Construction
- Technical Support Services
- Engineered Products

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