

# Upgrading of Masaieed Town RPS

## Client

Al Jaber Engineering L.L.C

## Scope of Work

Detailed Design

## Location

Qatar

## Type of Activities

Architectural  
Civil  
Communications and Security Systems  
Electrical  
HVAC  
Instrumentation and Control  
Landscaping  
Mechanical  
Roads

Construction of two 6 MIG reinforced concrete rectangular water reservoirs, including all necessary instruments, piping, electrical, landscaping, and sewer works, in addition to VFD pumps in the existing pump house, standby pump house for existing tanker filling station, and new chlorination building.

Potable Water Pipes

- 8.1 km, 600 mm dia. DI pipeline
- 3.9 km, 900 mm dia. DI pipeline

Capacity of Potable Water Pumping Station: 43,200 m<sup>3</sup>/day

Capacity of Potable Water Reservoirs: 12 MIG (2 x 6 MIG)

Capacity of Water Outlet:

- 2 Duty Mains: 250 l/s
- Total Flow Rate: 500 l/s



