

Flood Prevention Scheme (FPS-Phase3) for Doha South Areas (C2/850)

Client

HBK – Hamad Bin Khalid Contracting Co. W.L.L.

Scope of Work

Preliminary Design
Detailed Design
Issued for Construction

Location

Qatar

Types of Activities

Architectural
Civil
Electrical
Communications and Security Systems
Mechanical
Instrumentation
Structural

The project covers the design services of Flood Prevention Scheme (FPS-Phase3) for Doha South Areas (C2/850), including Mamoura, Abu Sidra & Al-Mearad, Old Airport & Nuaija, Ain Khalid and Al-Wakra. Works include hydraulic, civil, and structural design for a storm water network; including pipes, hydraulic structures, diversions, and other under or above ground works. The main components of the network are as follows: semi-perforated pipes with

porous trench of diameters ranging from 300 mm to 1,000 mm, and length of approximately 50,220 m; solid pipes with diameters ranging from 400 mm to 1,200 mm, and length of approximately 12,091 m; and trench soakaway with length of approximately 250 m. The project also includes a pump station, an Emergency Flooding Area (EFA), and underground tanks.

