



Waterfront, Dubai

The Dubai Waterfront is planned to be the largest waterfront and man-made development in the world, providing accommodation for a predicted 1.5 million people.

The Waterfront is positioned at the mouth of the Arabian Canal and will consist of numerous canals and islands in the shape of an arc. The Arabian Canal will run from the Gulf of Arabia, past the Waterfront development, and stretch 75km through the desert and into a major harbour. Ten main regions will accommodate private residences and businesses, as well as recreation, health, education and entertainment precincts. One major area, the Madinat Al Arab, will become the new central business district and city centre of Dubai.

Evans & Peck's role

Evans & Peck played a crucial role in providing procurement, risk analysis, contractual and project management services to Nakheel, the master developer of the Project. Nakheel has been responsible for many developments in the region, including the three palm shaped islands, Deira, Jebel Ali and Jumeirah; and the World Islands. Although Evans & Peck had no previous relationship with Nakheel, Evans & Peck was specifically sought out by the master developer based on industry recommendations.

Evans & Peck developed innovative and flexible processes to improve the efficiency and effectiveness of operations. This was achieved by improving the structure of procurement procedures, and increasing the comprehensiveness of project delivery works without compromising value, quality and delivery times. Evans & Peck provided contractual services, helping to ensure that risks and responsibilities were properly assigned, reducing the occurrence and severity of disputes between client and contractor.

In addition, we provided cost estimates, which were used to correctly determine total budget and managed the planning and development of trunk infrastructure.

Trunk infrastructure is the underlying infrastructure essential for the operation of the city and includes main roads, electricity, gas, telecommunications and water, sewage and drainage systems.

Results

The Waterfront project will provide many innovative and iconic ways of reducing its environmental footprint by being a self-sustaining city. Sophisticated and practical public transport systems have been designed to reduce travel times and lower emissions from cars and other transportation vehicles.

Irrigation and cooling will rely on recycled water and a co-generative power system will be used. This is a system that outputs electricity and heat. One residential area, 'Omran', will house an estimated 60,000 people, and will be completely constructed from sustainable materials.

FACTS AND FIGURES

Client: Nakheel PJSC

Project program: 2007 - 2016

E&P involvement: 2007 - 2009

Advising on the procurement of the largest man-made waterfront development in the world

