

Start: 2007
Finish: Estimated 2018
Client: Nakheel PJSC
Location: Dubai, United Arab Emirates



Dubai Waterfront Project

The Dubai Waterfront Project 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 Project is positioned at the mouth of the Arabian Canal (currently under construction) 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 on the Project

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, Evans & Peck 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.





Sustainable Development

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.

Global Services

Evans & Peck is an international infrastructure-based advisory company that has supported governments and private organisations in the conception, development and delivery of major infrastructure projects throughout Australasia and the Middle East. The Evans & Peck team overcame many difficulties associated with working in Dubai. The team adapted to the fast pace of project development, adopting the attitude of having everything done by 'yesterday' whilst simultaneously managing numerous large-scale projects.

Once Complete, the Waterfront will:

- encompass an area of 130 million square metres (twice the size of Manhattan)
- create over one million jobs
- provide living facilities for over 1.5 million people, including 60,000 workers
- add over 70 kilometers to Dubai's Coastline

As part of the WorleyParsons Group, Evans & Peck can also draw upon extensive technical, construction management and specialist resources able to provide assistance and advice on infrastructure as diverse as nuclear power to ports and from geo-sequestration to transport.



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