



Dampier Marine Services Facility, WA

The Dampier Marine Service Facility is a major expansion of the Dampier Port in the Pilbara area of Western Australia. The project involves 2 million cubic metres of dredging, construction of 800 metres of rock armoured seawall, construction of 450 metres of piled land-backed wharf and reclamation of around 20 hectares of land to create a general cargo berth for ships up to 35,000 deadweight tonnage (DWT) in Stage 1. Stage 2 of the project requires the construction of a 300 metre long by 42 metre wide jetty which can accommodate vessels up to 65,000 DWT.

FACTS AND FIGURES

Client: Dampier Port Authority

Project value: \$380 million (Stage 1)

E&P involvement: 2003-2011

Evans & Peck's role

Evans & Peck first worked with Dampier Port Authority in 2003 as project managers on the Bulk Liquids Berth project. We have continued to provide project advisory services to the Port since then and worked closely with the client and designers to provide an expansion solution in the form of the Dampier Marine Services Facility.

As the client's project manager, Evans & Peck has managed the entire process from concept design through to procurement. Evans & Peck is currently helping to redesign the financing structure to deliver the project as a privately funded initiative.

Specific tasks have included:

- managing the concept design
- managing the detailed design
- developing the capital cost estimate, schedule and the business case for funding
- designing and implementing the procurement and tendering process
- preparing Expression of Interest and Request for Tender documentation for the different packages
- undertaking risk assessment workshops
- managing the tender assessment process for the concept and detailed design, Seawall-Land-backed Wharf and Dredging-Reclamation contracts.

Results

Although the expansion project is not a brand new model, it is innovative because of the planned construction and funding methodologies. This new facility has the potential to lead to major structural efficiencies for the transport industry in Western Australia.

Managing the entire process from concept design through to procurement.

