

PROJECT MANAGEMENT

Project Management

International

Free Port and Container Terminal Proposal Port Of Xeros, Cyprus

Client: Rent A Port
Location: Xeros, Cyprus
Period: April to May 2008

Port Of Xeros, Cyprus Free Port and Container Terminal Proposal

Rent A Port has requested Project Management International Limited (PMI) to prepare a pre feasibility analysis for a proposed container terminal in Cyprus.

The pre feasibility study included the investigation of:

- Existing ports and container terminal capacity
- Container routes and requirements
- Conceptual layouts and cost estimates

Due to an increased demand for container terminals in the Eastern Mediterranean and the superior geographic location of Cyprus makes the port of Xeros an ideal location for a container terminal.

The pre feasibility, concepts and construction cost estimate are based on the following

- Depth in Port 15.50 m
- Total Quay Length 1750 m
- Total land Area 170.5 ha
- Container Stacking Area 49.4 ha
- Total Stacks 90720 TEU's

The facility envisaged will ultimately be capable of handling 1 500 000 TEU's per annum.



The Works

An area potentially suited to the development of a container handling facility in Morfou Bay on the North Western side of Cyprus has been identified.

Typical proposed cross sections for the breakwater and quays were designed and approximate calculations have been made for the

material needed for the breakwaters, quays as well as the material that needs to be dredged.

A high level preliminary cost estimate was made in the proposal using basic data obtained from various sources and assumptions in an effort to determine the approximate cost of the project.

