

PROJECT :-**CONSTRUCTION, COMPLETION AND MAINTENANCE OF WEST PORT (PHASE II),
PULAU LUMUT, PORT KLANG****LOCATION :-**

Port Klang, Selangor, Malaysia

CLIENT :-

Port Klang Authority

PROJECT COST :-

RM161 Million (US44 Million)

COMPLETION DATE :-

1995

Job Description :-

The project comprises mainly 3 nos of 200m length berths to the south of the completed Phase I development and other 3 nos of 200m length berth to the North. The wharf face is aligned to that on Phase I. The north wharf and south wharf are each accessible by three 18.7m wide and 70m long approach bridges respectively.

The wharf is an open-piled structure comprises of a suspended reinforced concrete deck supported on vertical precast prestressed concrete spun piles integrated to strong points located at the abutments of the approach bridges.

The wharf deck is designed for berthing of vessels of up to 80000t displacement tonnage, a uniformly distributed live load of 32 kN/m², container crane wheel load, highway HA loading and 45 units of HB loads, container stacking loads and all container handling transporters. The approach bridge deck is designed for HA and 45 units of HB loads and all container carrying vehicles

The Detail Works include :-

- Design of wharf and approach bridges structures including services trench, crane rail and crane cable turnover pit, fenders, mooring facilities, cat ladders, conveyor supports and toilet buildings
- Design of associated works, such as, high mast lighting, telephone and fire fighting services, fresh water supply and sewerage works.

SERVICES PROVIDED :-

- Detailed Design
- Construction Supervision
- Geotechnical Investigation and Design & Hydrographic Survey
- Mooring Study

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