

PROJECT :-

PROPOSED NATIONAL HYDROGRAPHIC BASE AT PORT KLANG, SELANGOR, MALAYSIA

LOCATION :-

Port Klang, Selangor, West Malaysia

CLIENT :-

Muhibbah Engineering (M) Berhd

PROJECT COST :-

RM30 Million (US8.5 Million) (SSP's Scope only)

COMPLETION DATE :-

October 2005

Job Description :-

SSP's involvement includes advising on the need to carry out passing ship study, reclamation of swampy area with hydraulic fill, ground improvement with prefabricated vertical drains, design of rock revetment as shore protection, design of an "L" shaped jetty head complete with an approach bridge, pontoon type fendering system, service trenches and other ancillary items to cater for naval vessels.

The Detail Works include :-

- Design of ground improvement, fill height and slopes.
- Design of rock revetment against wave impact.
- Design of substructure and superstructure of the approach bridge and the jetty head.

SERVICES PROVIDED :-

- Geotechnical Investigation and Design
- Detailed Design (Structural, Civil and Coastal works)
- Coordination of specialist works i.e. Preliminary Environmental Impact Assessment and Passing Ship Study.
- Construction Supervision



National Hydrographic Base at Port Klang