



Jimah Dredging Works

Project

Dredging Works for the 2x700MW Coal Fired Power Station at Lukut, Mukim Jimah, Port Dickson, Negeri Sembilan.

Client

HRA Teguh Sdn Bhd

Contract Sum

RM10,808,895

Contract Period

June 2005 ~ Oct 2006 (16 mths)
Sept 2007 ~ Oct 2007 (2 mths)

Civil & Building Contractor

Taisei Corporation

Owner, Power Station

Jimah Energy Ventures

HRA Teguh was engaged by Taisei for various onshore and offshore works, and HRA contracted SYS to carry out capital dredging works for the power station's cooling water intake & outfall, coal unloading jetty and temporary jetty.

The temporary jetty and trestle of the coal jetty was first dredged to -3.5m ACD to enable access for piling barge & marine vessels. Then 1,000m x 6m deep cooling water outfall, reaching -10m ACD contour, was dredged for Taisei to install precast concrete culverts; followed by dredging of vessel turning basin at coal unloading jetty to -19.5m ACD. Finally, the cooling water intake channel was dredged to -5m ACD with sandkeys upto -12m ACD.

Total 931,800m³ of seabed material was dredged (and disposed offshore to Lat 02° 26.0' & Long 101° 44.5'), comprising :

- 341,400m³ at near-shore for vessel navigation
- 465,200m³ for cooling water intake & outfall
- 125,200m³ at coal unloading jetty

Under a separate RM31.9mil (plant & labour) contract, SYS also constructed the coal unloading jetty and temporary jetty for the power station.



