

Project Reference P174

Submarine Pipeline



Sea Water Intake & Submarine Pipeline

Project

Fasa-1 Ladang Akuakultur Ternakan Udang Bersepadu di Mukim Chaluk, Daerah Setiu, Terengganu Darul Iman.
Pakej BAWP2 – Seawater Intake System & Associated Works.

Owner

Blue Archipelago Berhad

Main Contractor

Ranhill Engineers and Constructors Sdn Bhd.

Contract Sum

RM9,416,305

Contract Period

June 2010 ~ Nov 2010 (6 mths)

Client's Engineer

Sepakat Setia Perunding Sdn Bhd

Blue Archipelago, a subsidiary of Khazanah Nasional, undertook the RM150 million Integrated Shrimp Aquaculture Park, and awarded Ranhill the package for Seawater Intake System which comprises of offshore and onshore works. Ranhill procured the 1.5m ID HDPE pipeline and engaged SYS to install the 1,200m long submarine pipeline.

SYS scope of works includes :

- Dredging and subsequent backfilling of pipe trench(1,150m or 57,500m³)
- Dredging for intake structure (2,500m³) and preparation of foundation for intake structure, and subsequently scour protection works (2,260 ton).
- Casting & Install Concrete Sinkers (193 nos.)
- Supply and lay 1,163m long HDPE DN/ID 1500mm & 2200mm submarine pipe below LAT from shore to Offshore Intake Structure.
- Offshore Navigation Tower

