

Project Reference P203

Marine Structure



SWO & ETP RAPID Project

Project

Utilities, Interconnecting, Offsite (UIO) Facilities : Construction And Commissioning (CC) of Marine Works for Storm Water Outfall (SWO) And Effluent Treatment Plant (ETP) Outlet Pipeline for Rapid Project (Package 114-0500)

Client

PRPC Utilities And Facilities Sdn Bhd

Contract Sum

RM102,710,200.00

Contract Period

01 July 2016 – 30 September 2017

Owner / Employer

Petronas

Package 114-0500 is part of RAPID project which is located within Pengerang, Kota Tinggi District, Johor.

The scope of works comprised of three main component (Storm Water Outfall, ETP Pipeline & Coastal Protection)

Storm Water Outfall (639m Length)

Rec Channel Structure	145m x 80m Width
Rock Amor Structure	494m Long x 202m Wide

Major Quantities for SWO Structure

Armour Rock	200,000m ³
Filter Rock	52,000m ³
Dredging	850,000m ³
Granular Backfill Material	132,600m ³
Concrete for RC Channel	5,000m ³
400mm dia. Spun Pile	720 Points

ETP Outlet Pipeline

2,900m Twin 800mm OD HDPE Pipeline	1,300m Onshore & 1,600m Offshore
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Coastal Protection Work

Zone A	3,500m Long
Zone B	1,800m Long

