

## Project Reference P215

## Marine Structures



## MMHE Marine Structure Works

**Project**

Construction of Steel Bridge Structure, Piling Driving and Civil & Structure Works at West Finger Pier & Quay 7, MMHE for Fas Project at Pasir Gudang, Johor

**Client's**

Malaysia Marine and Heavy Engineering Sdn Bhd

**Contract Sum**

1. Steel Bridge Structure	:	RM 815,681.80
2. Piling Driving	:	RM 5,187,300.00
3. Civil & Structural	:	RM 2,951,049.76
TOTAL	:	RM 8,954,031.56

**Contract Period**

07 Nov 2022 – 26 Jul 2023

**Client's Engineer**

Cubic Consultancy

**Scope of Works & Quantities****1. Steel Bridge Structure**

- Steel Connecting Bridge = 69 m Length  
~ 31,861 Kg
- Barrier Access Gate = 354 Kg
- Perimeter Guard Rail = 958 Kg
- 6mm thick MS Chequered Plate = 360 m<sup>2</sup>

**2. Piling Driving**

- Concrete Spun Piles : 1000mm dia. x 23m ~ 29m Length,  
Raked Pile 1:4 = 50 Nos

**3. Civil & Structure**

- Concrete = 920 m<sup>3</sup>
- Reinforcement = 114,450 Kg
- Formwork = 900 m<sup>2</sup>
- Cut-Off Piles = 50 Nos
- Installation of Quay Equipment (Fender, Capstan & Bollard) = 17 Nos

Notes : Spun Piles & Reinforcement materials supplied by MMHE.

