

Introduction

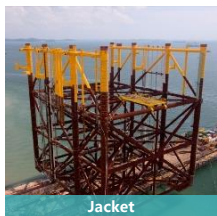
Who is McDermott Wuchuan?

Qingdao McDermott Wuchuan (QMW) is a joint venture between McDermott and CSIC Wuchuan to cater to the FPSO/FLNG and Offshore/Onshore Module construction market, managed by McDermott.



What can McDermott Wuchuan do?

Drawing on unique strengths of its parent companies, QMW delivers high quality onshore and offshore modules, FPSO construction and integration services for clients worldwide.



Yard Information

1 Piping Shop

- Physically isolated carbon and exotic steel shop to prevent contamination
- Equipped with pipe cutting, beveling, rotator, manipulator
- The shops are serviced with various overhead and A-frame cranes

2 Structure Shop

- Outfitted with state-of-the-art and computer controlled equipment
- Serviced by various overhead and A-frame cranes
- Material feed and off-cut removal handled by a custom designed heavy duty conveyor system

3 Blasting & Painting Shop

- Auto-blast/Primer removes mill scale & rust and enhances "build clean" concept
- Equipped with dust collector / vacuum recovery machine and dehumidifier
- Emission treatment: VOC treatment as well as other gases/particles

4 Module Shop

- Fully enclosed assembly shop enhance safety, quality and delivery certainty
- Ability to work 24/7
- 200m(L)×125m(W)×42m(H) | 4bays
- Served by various overhead cranes

5 Warehouse

- Large cover warehouse which include climatic controlled for critical equipment
- Goods receiving and issuing are tracked by an online computerized material control system
- Materials received are segregated by type and project

QMW Quayside Particular

- Length: 376m
- Water Depth: up to 10m
- Pier: 2 off

Shipyard Dry Dock Particular (Top Three)

- First: 530m×125m×13.1m
- Second: 480m×115m×13.6m
- Third: 480m×96m×14.1m

Overall Yard Particular

- Total Yard Area: 4,500,000m²
- Total Quayside Length: 6,000m



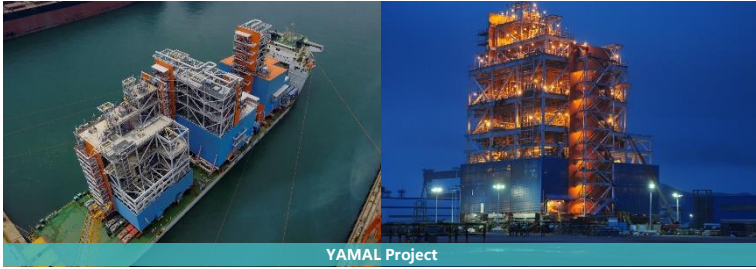
SUBModuleSM

SUBModuleSM Advantages

- Split the complex module to sub-modules to open the work front.
- Assemble the sub-modules inside the Mega Module Assembly Shop, 24/7 without being affected by weather condition.
- Provide delivery certainty, particularly to fact track projects.
- Requires early engagement during detailed engineering phase.



Project Experience



YAMAL Project

LNG Module

Project Type

16 Month

Duration

12,000 MT

Total Weight

Technip/JGC/Chiyoda

Client

Scope of Work

- Fabrication engineering
- Procurement of painting, structure steel and E&I bulk material
- Construction
- Supply and application of PFP and insulation
- Mechanical completion & pre-commissioning
- Load-out



MC Project

Jacket & Bridge

Project Type

10 Month

Duration

700 MT

Total Weight

Marine Contracting

Client

Scope of Work

- Fabrication engineering
- Procurement of painting, structure steel and E&I bulk material
- Construction
- Mechanical completion



JORD Project

Offshore Module

Project Type

8 Month

Duration

2,000 MT

Total Weight

Jord Oil & Gas

Client

Scope of Work

- Fabrication engineering
- Procurement of painting, structure steel, piping and E&I bulk material
- Construction of process modules
- Mechanical completion & pre-commissioning
- Transportation to integration yard



CAMERON Project

Subsea Structure

Project Type

14 Month

Duration

350 MT

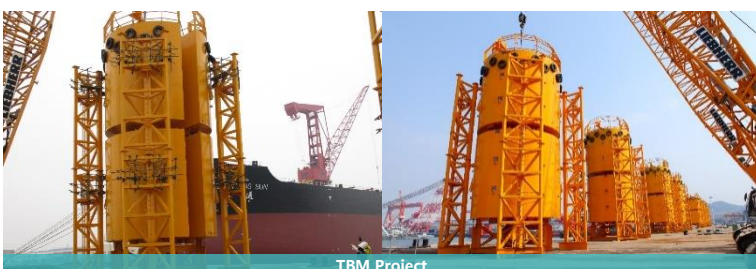
Total Weight

OneSubsea

Client

Scope of Work

- Fabrication engineering
- Procurement of painting and structure steel
- Fabrication supervision
- Construction of subsea structure including small bore tubing
- Provide assistance for FAT, EFAT & SIT



TBM Project

Buoyancy Structure

Project Type

12 Month

Duration

1,000 MT

Total Weight

McDermott

Client

Scope of Work

- Fabrication engineering
- Procurement all materials
- Construction
- Load-out & Transportation

