INTRODUCTION

To achieve higher than expected results for our customers by enhancing the life of people around with a responsibility of giving back to the society to earn a fair return on the value we deliver.

MISSION

To achieve higher than expected results for our customers by enhancing the life of people around with a responsibility of giving back to the society to earn a fair return on the value we deliver.

VISION

To diversify, develop and equip ourselves to be one of the most preferred EPC Contractor in the areas of:

- Oil & Gas
- Renewable Energy
- Water & Waste Management
- Power
- Infrastructure
- Marine & Shipping
SUBSEA CAPABILITIES

RESOURCES & SAFETY

- Umbilical Clamps
- Midwater Archs
- Cable Tension Frames
- Anchors
- Pile Sleeves

Human Resources

Safety Records

Email: info@awin.com.sg   Website: www.awin.com.sg
ENGINEERING SERVICES

Subsea Structure Engineering
Engineering for transport, mobilisation and installation of subsea structures like Templates, Manifolds, Protection structures/covers, Spool pieces, Riser bases, Clump weights etc.
- Detailed design and fabrication support for subsea structures, Spools, Installation Aids and Sea fastening
- Installation aid design for mooring, flowline and structure installation scope

Bid & Procurement Support
- Bid Strategy and Proposal Development Cost Estimation
- Procurement Support & Specialist Procurement Outsourcing
- Vendor Inspection & Pre-qualification Audit
- Develop installation and mobilization procedures

Subsea Pipeline Engineering
- Pipeline system basic & Detailed design
- Wall thickness, bottom
- Roughness/free span, on-bottom stability, pipeline end expansion, cathodic protection
- Upheaval Buckling (UHB), Lateral Buckling and Pipeline Walking, Spool In-place Design, In-place Expansion and Buckling of Flexible Flowlines, Pipeline Pull-through Calcs, Pipe-in-Pipe Systems
- Installation Support for Rigid, Flexible and umbilical

Geotechnical Engineering
- Engineering & Fabrication of foundations and anchors for carbonate seabed
- Geotechnical and tensioning aspects related to design and installation of mooring systems

PROJECT EXECUTION CHART

- Operation Director
- BID/Proposal/Sales

- Production Manager

- Operation Lead
- Projects
- Procurement
- Admin/HR

- QA/QC
- Design

- HSE

- Maintenance
- Production
- Store/Logistics
Pulling & Test Head

- 5" Flexible Pulling Head
- Profile Machining from Homogeneous Block
- Load test at 56 Te
- Design pressure 543.4 BARG

Project:
Gumut Kakap Ph2 Project

Client: Technip-FMC

A & R Head Centraliser

- 10” 1st End Flexible Riser

Project:
ROTAN Block H Development – Phase 1A

Client: Technip-FMC

A & R Head Centraliser

- 10” Gas Export Riser – Bend Stiffener Connector

Project:
4047 - Layang Development

Client: Technip-FMC

Engineering – Procurement – Construction

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Stern Chute

- 2.5 m Radius
- Fabrication & Supply

Client: Aquatic

Tensioner

- Refurbishment, including Fabrication of Roller Cylinder, Grip Cylinder, Supply seal keat
- Supply Power pack, Spare Container, Control Cabin

Client: Aquatic

Hose Discharge Reel

- 9 m Radius
- Fabrication & Supply

Project: FPSO OSX3

Bend Stiffeners

- 10" gas Export Risers
- Fabrication & Supply

Project: FPSO OSX3

Client:

Aquatic

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