



TANTAWAN
CONSTRUCTION & SERVICE
COMPANY LIMITED

COMPANY PROFILE

TANTAWAN CONSTRUCTION & SERVICE COMPANY LIMITED

We Make Things Happen

Updated : 1 February 2026

COMPANY VISION

Leading and driving innovative construction for energy businesses with excellence and integrity.

To deliver cutting-edge construction solutions for the energy sector, fostering innovation, sustainability, and operational excellence. We are committed to building enduring partnerships, upholding integrity, and driving value for our clients, stakeholders, and communities.

COMPANY MISSION



HISTORY

Tantawan Construction and Service Co., Ltd. (TCS) stands as a testament to nearly two decades of resilience, innovation, and technical mastery in the oil and gas industry.

- Established in 2004 with a focus on offshore manpower services, TCS underwent a pivotal transformation in 2015, rebranding and expanding its capabilities to deliver comprehensive engineering, procurement, construction, and commissioning (EPCC) solutions.
- With state-of-the-art fabrication yards in Rayong and Songkhla, a portfolio of globally recognized ISO and DIN certifications, and a proven track record of delivering complex projects, TCS has earned its reputation as a trusted strategic partner to major energy operators across Thailand and Southeast Asia.
- We remain steadfast in our mission to deliver world-class solutions anchored in quality, safety, and operational excellence.

COMPANY HISTORY

Established as Sundaland, focused on skilled offshore manpower services.

2015

Relaunched as Tantawan Construction and Service Co., Ltd. (TCS); expanded into fabrication and construction with the first fabrication yard in Rayong.

2004

Achieved ISO 9001 and ISO 14001 certifications; opened the second fabrication yard in Songkhla to strengthen

2025

- Expansion of the Songkhla Shop was completed in February 2025
- Expansion of the Rayong Shop was completed in October 2025

2014

Suspended operations for strategic restructuring and long-term sustainability planning.

2016

Established a second fabrication yard in Songkhla, marking a strategic expansion into full-scale fabrication and construction services.

2019

Secured ISO 45001 certification, underscoring our commitment to occupational health and safety.

2023

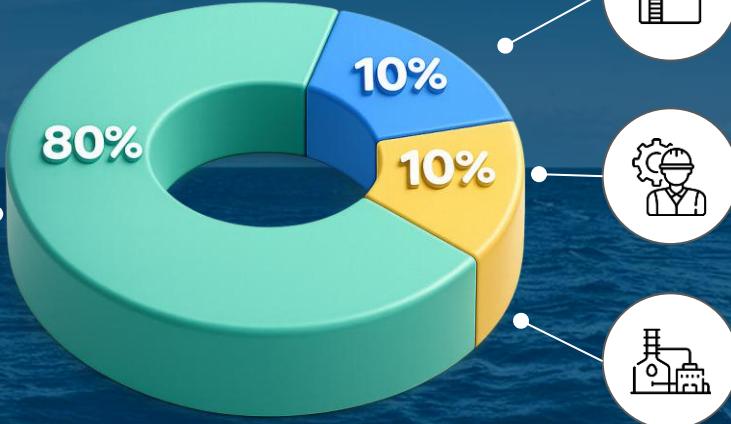
Achieved DIN EN ISO 3834-2 certification, validating our high-standard welding and fabrication systems; reinforced our reputation as a trusted EPC and manpower partner.

COMPANY CORE BUSINESS

TANTAWAN CONSTRUCTION AND SERVICE CO., LTD (TANTAWAN or TCS) heads a group of companies established in 2004 providing the service of:



Offshore Oil & Gas Platforms & Facility



Our core business covers the following :



Tank Farm Brown Field Works



Civil works



Refineries and Petrochemicals

TANTAWAN is currently able to provide Construction and Fabrication Service for Oil, Gas, other Civil works and Tank Farm Brown Field Works/ Petrochemical Industrial both in Upstream and Downstream.

QUALITY, OCCUPATIONAL, HEALTH, SAFETY AND ENVIRONMENT MANAGEMENT SYSTEM



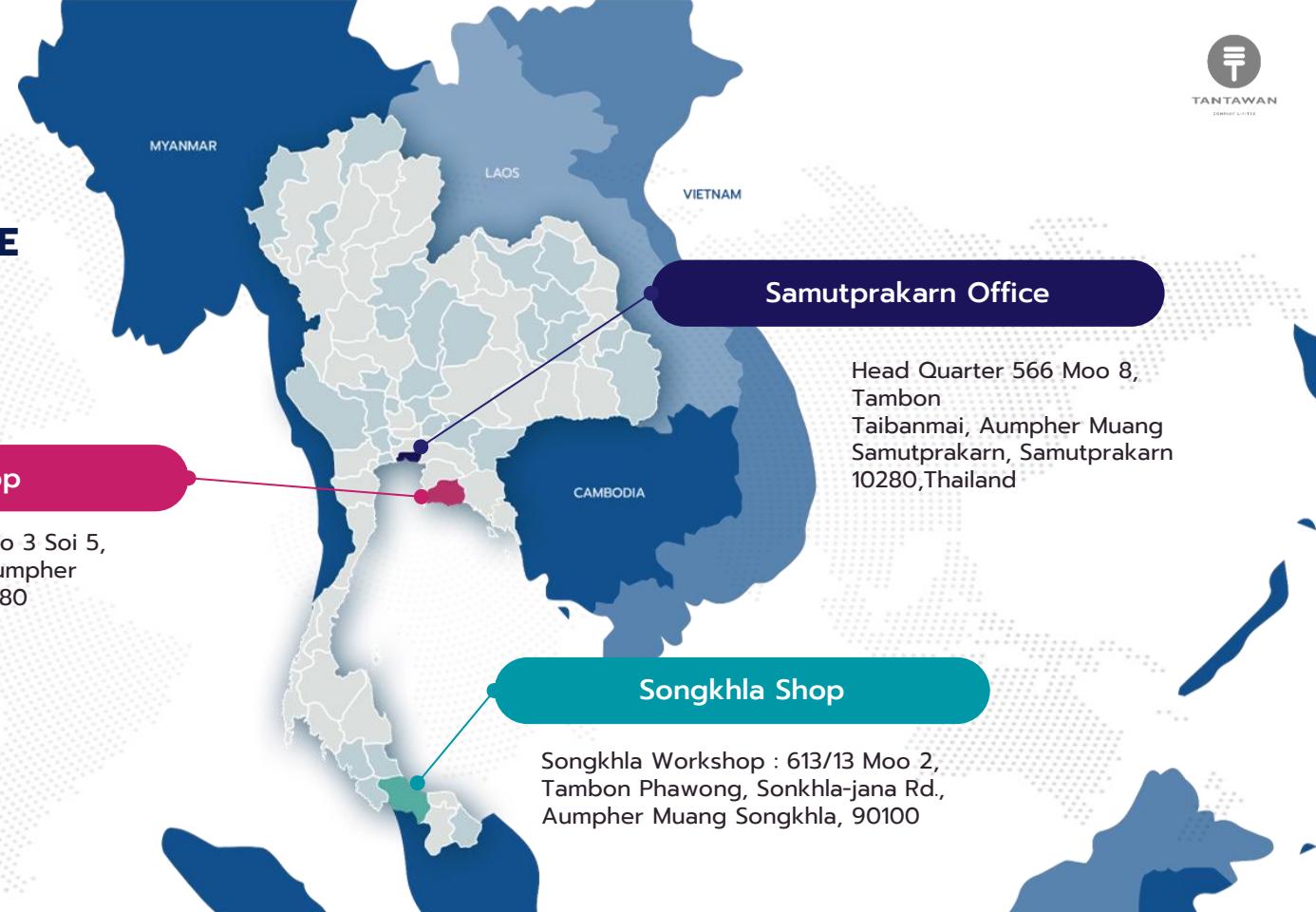
ISO 9001 : 2015
Valid from : 16 May 2025
Valid until : 15 May 2028

ISO 45001 : 2018
Valid from : 16 May 2025
Valid until : 15 May 2028

ISO 14001 : 2015
Valid from : 16 May 2025
Valid until : 15 May 2028

ISO 3834
Valid from : 17 June 2024
Valid until : 31 Mar 2026

TANTAWAN CONSTRUCTION & SERVICE & WORKSTATION BASE



Rayong Shop

Rayong Workshop : 21 Moo 3 Soi 5,
Tambon Nikompattana, Aumphera
Nikompattana, Rayong 21180

Samutprakarn Office

Head Quarter 566 Moo 8,
Tambon
Taibanmai, Aumphera Muang
Samutprakarn, Samutprakarn
10280, Thailand

Songkhla Shop

Songkhla Workshop : 613/13 Moo 2,
Tambon Phawong, Sonkhla-jana Rd.,
Aumphera Muang Songkhla, 90100



MANPOWER WORKFORCE CAPABILITIES



ONSHORE

Fabrication Yard, Workshop, and Onsite Services

We currently deploy nearly **1,000 qualified and experienced personnel** to support a wide range of client operations across fabrication yards, workshops, and project sites. Our workforce includes:

- Engineers and Supervisors
- Fitters, Welders, Scaffolders, Riggers, Painters, Civil Workers, and General Laborers
- QA/QC Specialists
- Certified Safety Officers



OFFSHORE

TCS currently maintains a pool of approximately **520 qualified and experienced offshore personnel**, with the flexibility to scale up staffing levels in accordance with specific client requirements.

- Our offshore teams are **fully supported by a robust onshore core**, including professionals in Human Resources, Project Management Teams (PMT), Logistics, Safety, and QA/QC.
- In addition, **outsourced specialist services and vendor support** can be deployed on a call-out basis to ensure seamless execution and operational excellence.

CAPABILITIES AND EXPERIENCE

RAYONG SHOP

Details

Total Land Area:

Approximately **35,000 square meters**
(equivalent to 22 rai)

The fabrication shop, blasting and painting area, hydro-testing zone, warehouse, and storage facilities collectively occupy approximately 6,000 square meters.

Staff office facilities occupy an area of approximately 600 square meters.

Client office space occupies approximately 250 square meters.



SONGKHLA SHOP

Details

Total Land Area:
Approximately **14,400**
square meters
(equivalent to 9 rai)

The fabrication shop, blasting and painting area, hydro-testing zone, warehouse, and storage facilities collectively occupy approximately 3,450 square meters.

Staff office facilities occupy an area of approximately 100 square meters.

Client office space occupies approximately 60 square meters.



WORK EXPERIENCE FOR OFFSHORE PLATFORMS AND OTHER FACILITIES

1. Offshore Platform Construction
2. Brownfield Modifications and Upgrades
3. Subsea Structures and Pipelines
4. Testing, Pre-Commissioning, and Commissioning
5. Offshore Platform Removal

Offshore Platform Construction



Bangpakong

Project Location: Client's Fabrication Yard

Scope of Work: Execution of lump-sum structural fabrication works, including cutting, welding, assembly, and quality inspections in accordance with project specifications and international standards.

Main Contractor: Thai Nippon Steel Engineering & Construction Corporation Ltd

Client Names: PTTEP, CPOC, VE



No.	Project Name	Topside		Jacket		Pile		Total Weight (Ton)	Project Duration
		No.	Weight (Ton)	No.	Weight (Ton)	No.	Weight (Ton)		
On Going									
1	PTTEP Bundle 3 Phase 1F (4 Topside and 13 Jackets)	4	1,350	13	8,300	13	8,500	18,150	July.25 till Sep.26
2	VE - Wellhead Processing Platform (1 Topside and 1 Jackets)	1	1,400	1	500	1	650	2,550	Sep.25 till Sep.26
Complete									
1	PTTEP Energy Development Company Limited	60	22,000	66	35,000	64	41,000	98,000	Nov.15 till Sep.24
2	Carigali-PTTEPI Operating Company (CPOC)	2	1,000	2	1,100	2	1,200	3,300	Jun.21 till Aug.22

Fabrication of BANNER HEX 06 SPM Buoy for Petronas Carigali MYANMAR (Hong Kong) Limited (PCML) for Yetagun SPM - FSO Project



Rayong

Scope of Work:

Supply of structural and piping materials, including full fabrication and erection services. Pre-fabrication was executed at the Rayong Workshop, with final erection works carried out at the Ranong Yard.

Work Volume : Outer Diameter: 20 meters

Height: 12 meters

Total Weight: 300 metric tons

Project Duration: July 2017 to April 2018

Main Contractor : PT Adidaya Energy
Mandiri (Banner Industries Group)
ENRA SPM Sdn Bhd

Client Name : PETRONAS Carigali



PROJECT

TANTAWAN
CONSTRUCTION AND SERVICE CO., LTD.**CONSTRUCTION OF BANNER HEX 08
SPM CALM BUOY**

Rayong

Scope of Work

Fabrication of CALM Buoy for PTTEP Energy Development Company Limited (PTTEP), including:

- Procurement and supply of raw materials
- Preparation of detailed shop drawings
- Complete fabrication and assembly
- Surface preparation, blasting, and protective painting

Work Volume : 300 Tons

Project Duration: Aug 2023 – Jun 2024

Main Contractor : Banner SPM Terminal (Thailand) Co., Ltd. / NovaX

Client Name : PTT Exploration and Production Public Company Limited (PTTEP)



BACALHAU FPSO Primary Pipe Support



Rayong

Scope of Work:

Comprehensive procurement and precision fabrication of structural and piping components for offshore application. The scope included:

- Sourcing of certified raw materials from approved vendors
- Full QA/QC inspections, including dimensional checks and NDT
- Fabrication in strict accordance with international codes (ASME, AWS) and client specifications
- Documentation and traceability for all fabricated items

Work Volume : Fabricated total 240 Tons

Project Duration: April 2021 to April 2023

Main Contractor : Aibel Pte. Ltd.

Client Name : MODEC / Equinor



Provision of Phase IV A&B Brownfield and C Integration



Gulf of Thailand (Bualuang Field)

Scope of Work

- Installation of two new seawater lift pumps adapted to fit existing caissons
- Enhancement of seawater filtration capacity by 50% through the addition of two new GRP-body filters
- Upgrade and optimization of the existing crude oil treatment package

Project Duration: April 2018 – July 2020

Client Name : Medco Energi Thailand (Bualuang) Limited (Formerly Ophir Thailand (Bualuang) Limited)

Currently working for Provision of Scaffolding Insulation and Platform Fabric Maintenance Services, Nov.22 till Nov.25



PROJECT

PROVISION OF ENGINEERING, PROCUREMENT, CONSTRUCTION, INSTALLATION AND COMMISSIONING (EPCIC) BROWNFIELD PROJECTS



Rayong & Manora/ Nong

Scope of Work:

Full-scope of Engineering, Procurement, Construction, Installation, and Commissioning (EPCIC) for offshore oil and gas brownfield infrastructure upgrades, executed in compliance with international standards and client-specific requirements.

Project Duration : June 2021 to June 2026

Client Name : Valeura Energy Ltd.
(Formerly Mubadala Petroleum)



PROJECT

Provision of MOPU Installation – Nong Yao Field



Rayong / Songkhla

Scope of Work:

Execution of Transportation and Installation (T&I) and Hook-Up and Commissioning (HUC) activities in support of the Nong Yao offshore field development. The scope included:

- Transportation & Installation (T&I): Logistics coordination, marine spread mobilization, and offshore installation of the Mobile Offshore Production Unit (MOPU) at the designated site
- Hook-Up Activities: Mechanical and structural connection of the MOPU to subsea infrastructure
- Pre-Commissioning: Functional testing of equipment and system loops
- Final Commissioning: Full operational testing and handover of the MOPU to the client, ensuring safe startup in line with project performance standards and regulatory requirements

Project Duration : February - August 2024

Main Contractor Tanjung Offshore Services Sdn. Bhd

Client Name : Valeura Energy Ltd.
(Formerly Mubadala Petroleum)



- Onshore Prefabrication Call-Off Services for G1/61 (January 2022 – December 2026)
- Offshore Construction Call-Off Services for G2/61 (May 2025 – May 2028)
- Offshore Construction & Operations Support Services for G1/61 Funan & Satun Fields (November 2023 – February 2029)

 **Gulf of Thailand**

Scope of Work

- Provision of qualified manpower, tools & equipment for the modification and repair of offshore facilities for improving equipment and/or processes as well as to assure its integrity. In addition, operation support services is required to support operation, maintenance, well service, Non-G1/61 and PTT activities in G1/61 Asset

Client Name : PTT Exploration and Production Public Company Limited (PTTEP)



PROJECT

Onshore and Fabrication Construction Services (Construction Service Contract No.1725053)



Songkhla

Scope of Work:

End-to-end supply and fabrication services for offshore oil and gas infrastructure, including:

- Procurement of certified raw materials
- Quality-controlled fabrication of structural and piping components
- Full compliance with Chevron's technical specifications and international offshore standards

Project Duration: June 2019 to January 2025

Client Name: Chevron Thailand Exploration and Production



Provisional of Flowline & Piping Repair for Block B-17 & C-19 & B- 17-01



Songkhla

Scope of Work :

Provision of comprehensive flowline and piping repair services, including:

- Inspection, damage assessment, and refurbishment of pipeline sections
- Replacement of defective segments
- Material procurement, precision welding, pressure testing, and system reinstatement

All activities are executed in full compliance with offshore safety regulations and international quality standards.

Project Duration: March 2022 to June 2026
Client Name : Carigali-PTTEPI Operating Company (CPOC)



PROJECT

Provisional of Modification Works (Umbrella Contract)



Songkhla

Scope of Work:

Provision of modification works under an umbrella contract, encompassing comprehensive onshore pre-fabrication and offshore brownfield construction activities. The scope includes detailed engineering support, material procurement, structural and piping pre-fabrication, offshore installation, integration, and commissioning.

Project Duration: June 2023 to June 2026

Client Name : Carigali-PTTEPI Operating Company (CPOC)



Chevron Thailand Platform Topsides Removal Project (4 Topsides - Decommissioning)



Gulf of Thailand

Scope of Work:

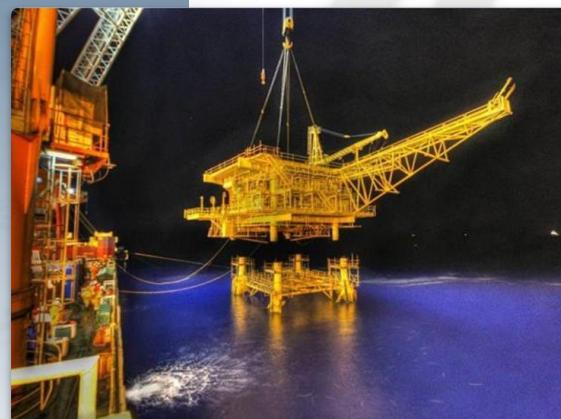
Provision of skilled offshore manpower, specialized tools, and equipment to support offshore decommissioning activities included:

- Deployment of 64 experienced personnel
- Execution of topside dismantling operations, including cutting, lifting preparation, and load-out assistance
- Coordination of lifting activities, support for marine spread operations
- Compliance with Chevron's strict HSE protocols and technical standards throughout all phases

Project Duration: Offshore October to November 2017

Main Contractor : COOEC (Thailand) CO., LTD.

Client Name : Chevron Thailand Exploration and Production



PROJECT

PTTEP BONGKOT Offshore Platform Removal Project (4 platforms)



Rayong / Songkhla

Scope of Work:

The complete execution of structural support systems for offshore platform dismantling operations included:

- Comprehensive material procurement
- Pre-fabrication of grillage structures
- Installation of grillage structures
- Sea-fastening operations
- Loading and alignment of beam structures

Work Volume : 560 tons

Project Duration : January to May 2023

Main Contractor : Pro Offshore Services co. ltd/ APMC

Client Name : PTT Exploration and Production Public Company Limited (PTTEP)



2024 Offshore Campaign: Wellhead Platform & Pipeline Installation and Decommissioning of 36 Platforms



Location for Fabrication Plant Module Company Limited
- Si Racha, Chon Buri, Thailand

Scope of Work:

Complete fabrication and installation of structural sea-fastening systems to support offshore platform relocation and decommissioning activities. The scope includes:

1. Fabrication of grillages, tie-down assemblies, load-in beams, stools, stabbing cones, and other structural supports for use on transportation barges
2. Installation and secure positioning of all fabricated items, including loose tie-down components, onboard transport vessels
3. Execution of all works at Map Ta Phut Port, Rayong, in compliance with Chevron's offshore logistics and safety standards

Work Volume : 2,500 Metric Tons

Project Duration: March 2024 to November 2025

Main Contractor : Mermaid Subsea Services

Client Name : Chevron Thailand Exploration and production Ltd



Mermaid/Valeura PLEM & Pipeline



Gulf of Thailand

Scope of Work: Design engineering, Procurement and subcontracting, Construction, modification, fabrication, Demolition, Refurbishment, Life extension, Conversion, Preservation, Onshore commissioning, Load Out, Towing and transportation, Hook up and installation, Offshore commissioning, Operation and Maintenance

Project Duration: 2023-2024

Client Name : MERMAID SUBSEA SERVICES (Thailand) LTD.



G1FSO PLEM & Pipeline



Gulf of Thailand

Scope of Work:

Provision of subsea components to support the G1FSO field development, including:

- Pipeline End Manifold (PLEM)
- Tie-in spools, riser, and riser clamps

The scope covered the fabrication, supply, and offshore installation support necessary to ensure safe and reliable connection of subsea pipelines, maintaining structural integrity and alignment with field specifications.

Project Duration: February – June 2024

Main Contractor: Mermaid Subsea Services

Client Name : PTT Exploration and Production Public Company Limited (PTTEP)



Sapura/ PTTEP New Flare Gas Recovery Unit (FGRU) Project for G2/61



Rayong, Songkhla
and Offshore

Scope of Work:

- Onshore Prefabrication-Lower Deck Extension, Drop Object Protection Panel, Upper Deck Extension and Pipe spool at Rayong
- Erection work at Southern Port at Songkhla
- Offshore manpower supply for approx.. 100 persons

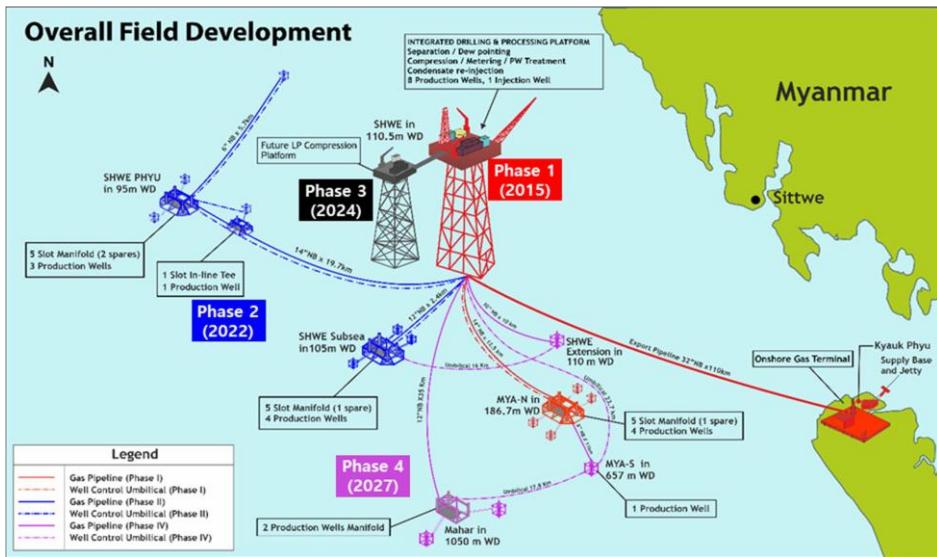
Project Duration: Mar 2025 - Jan 2026.

Main Contractor: Sapura Energy (Thailand) Limited.

Client Name : PTT Exploration and Production Public Company Limited (PTTEP)



Overall Field Development



Descriptions	2025	2026	2027
Engineering Jul 25 - Dec 25			
Procurement Aug 25 - Oct 26			
Construction Sep 25 - May 26			
Offshore Jan 26 - Apr 27			
HUC Nov 26 - Jun 27			

PROJECT NAME :

**SHWE PHASE 4 DEVELOPMENT PROVISION OF BROWNFIELD
MODIFICATIONS, FABRICATION AND OFFSHORE INSTALLATION,
HOOK UP, PRECOMMISSIONING AND COMMISSIONING
ASSISTANCE WORKS**



Rayong & Shwe Gas Field, Myanmar

Scope of Work:

Brownfield Modifications Fabrication and Offshore Installation, Hook-up, Pre-commissioning and Commissioning Assistance Works encompassing the following:

- Project Management
- Shop Engineering and Workpack Engineering, generate corresponding drawings & document deliverables
- Set up EDMS manage and control all related documents
- Procurement of permanent project materials as per CONTRACTOR instruction
- Onshore Fabrication, testing, passive fire protection
- Logistics Services and Logistics support base in Thailand and Myanmar
- Perform Offshore modifications, hook-up, construction, pre-commissioning and assistance for commissioning start-up involving major equipment such turbo-generator, MEG module, power distribution, piping, package equipment and the like.
- Serve as subject matter expert and consultant in technical studies in line of experience and expertise.

Project Duration : July 2025 – June 2027

Main Contractor China Offshore Oil Engineering Co., Ltd.
(COCOEC)

Client Name : POSCO INTERNATIONAL Corporation. (PIC)

WORK EXPERIENCE FOR OTHER OIL & GAS AND OTHER ENERGY SECTORS

1. Tank Farms
2. Refinery Plants
3. Other Energy Sectors

PROJECTS

Tank Farm Projects – Service Framework Agreements



Gulf of Thailand

Scope of Work :

1. EPC Umbrella Agreement

Comprehensive Engineering, Procurement, and Construction (EPC) services for Shell Thailand's tank farm facilities, including:

- Fabrication and installation of tanks and piping systems
- Civil, mechanical, electrical, and instrumentation (E&I) works
- System commissioning for hydrocarbon handling and operational readiness

2. Maintenance Services

Provision of preventive and corrective maintenance, covering:

- Tank inspection, internal cleaning, and recoating
- Servicing of equipment such as valves, pumps, and field instruments
- Turnaround services and 24/7 on-call maintenance support

Project Duration : Year 2017 to 2019 and renewal till February. 26

Client Name: The Shell Company of Thailand Limited





PROJECT

Refinery Plant Projects – Service



Rayong

Scope of Work: Execution of civil and structural upgrade works aimed at enhancing infrastructure reliability and extending the operational lifespan includes:

- Structural modifications to existing platforms, including demolition, reinforcement, and reconfiguration to accommodate new loads
- Construction and strengthening of platform support foundations, involving pile cap works, concrete repair, and foundation stabilization techniques
- Maintenance painting and protective coating application across structural steel, piping, and exposed civil elements to mitigate corrosion and environmental degradation
- Touch-up and refurbishment activities to restore coating integrity on aging assets

Project Duration: January 2021 to December 2026

Client Name: Star Petroleum Refining Public Company Limited (SPRC).

HK1003 Supply And Prefabrication of



Rayong

Scope of Work :

Prefabrication of carbon steel and HDPE piping systems for shop welding, in accordance with Siemens Energy's technical specifications and quality standards. The scope included:

- Fabrication of carbon steel piping: 9,084.5 diameter-inches (DB)
- Fabrication of high-density polyethylene (HDPE) piping: 1,135 DB

All prefabrication works were executed in a controlled workshop environment with full QA/QC traceability.

Project Duration: December 2022 to May 2023

Client Name: Siemens Energy Limited





PROJECT

GDF4 Modification Work for reversed gas TP5MX to FTP



Rayong

Scope of work: Comprehensive procurement and construction services covering the following disciplines:

- Civil and structural works, including foundation preparation, structural supports, and platform installations
- Piping systems, including fabrication and installation of 36" pipelines, totaling over 3,000 DB (diameter-inches)
- Electrical and instrumentation systems, involving cable routing, termination, grounding, and field instrumentation installation in accordance with international codes and safety standards

All works were executed in compliance with PTTLNG's technical specifications, safety protocols, and applicable industry standards, ensuring seamless integration into existing LNG terminal infrastructure.

Work Volume: Piping for 3,000 DB

Project Duration : February. – June.2022

Main Contractor : IBC Industrial Company Limited

Client Name: PTTLNG

OTHER WORK EXPERIENCES

1. General Fabrication Works
2. Barge Cleaning
3. Basket and Tool Container Fabrication
4. Offshore Pipeline Storages

PROJECT

Sea-fastening and Load-out works



Rayong

Scope of Work: Provision of qualified manpower, tools, and equipment to execute sea-fastening and load-out operations for offshore modules and heavy structures.

Key activities include:
Structural welding and rigging
Equipment securing and stability assurance

Coordination with marine transport teams to ensure safe, efficient, and compliant load-out procedures
All operations are performed in accordance with offshore safety standards and project-specific marine logistics protocols.

Project Duration: Commenced in 2023 and continues on an on-call basis as required.

Main Contractor: Beacon Offshore Ltd.

Client Name: Mermaid Subsea Services



PTTEP G1, A3D and G2 Line Pipe Storage and Preservation



Rayong

Scope of Work: Provision of comprehensive storage and preservation services for subsea line pipes. The scope includes:

- Corrosion protection using industry-approved preservation methods
- Regular inspection and condition monitoring
- Inventory management and readiness assurance for offshore deployment

Work Volume :

- Approx. 6,300 pipe sections preserved
- Additional 1,000 pipe lengths under preservation until December 2025

Project Duration :

- G1 and A3D: March 2021 – October 2022
- G2: August 2021 – October 2022
- Extended scope: Partial preservation continuing through December 2025

Main Contractor : Thai Nippon Steel Engineering & Construction Corporation Ltd

Client Name : PTT Exploration and Production Public Company Limited (PTTEP)



OUR Clients

EXECUTING

PROJECT OWNERS



MEDCOENERGI



valeura energy



COMPLETED



GC
GLYCOL

SIEMENS
energy



Mubadala
Petroleum

MAIN CONTRACTORS



COOEC
海 | 油 | 工 | 程



VANTRIS
ENERGY



Beacon Offshore Ltd.



MERMAID



aibel BANNER



AEM



IBCI

ICI ENGINEERING & CONSTRUCTION



UNITHAI
Shipyard and Engineering

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"We Make Things Happen"