

# JOB DESCRIPTION

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|--------------------|------------------------------|
| <b>Job title:</b>  | Lead Structural Engineer     |
| <b>Department:</b> | NDUM project facilities team |
| <b>Location:</b>   | HCMC, Vietnam                |

|                            |                               |
|----------------------------|-------------------------------|
| <b>Line manager:</b>       | Engineering Manager (Vietnam) |
| <b>Dotted line report:</b> | N/A                           |
| <b>Updated by:</b>         | Rob Laybourne                 |
| <b>Date updated:</b>       | February 2026                 |

## 1. POSITION PURPOSE

Responsible for defining the Structural requirements for the Nam Du / U Minh facilities.

## 2. WORKING RELATIONSHIPS

|                              |                  |   |
|------------------------------|------------------|---|
| <b>Positions supervised</b>  | <b>Direct:</b>   | None  |
|                              | <b>Indirect:</b> | Contractors and Third-party Engineering   |
| <b>Working relationships</b> | <b>Internal:</b> | Nam Du / U Minh Project Delivery Team; JSE Management                                     |
|                              | <b>External:</b> | WHP EPC Contractor, FPSO Contractor, Vendors, T&I Contractor and Marine Warranty Surveyor |

## 3. BASIC FUNCTION

- Perform review and approval on behalf of Company of Contractor's engineering deliverables relating to Structural design, analysis, calculations and overall determination of material, fabrication, loadout, transportation and installation requirements.
- Manage structural interface with other discipline engineers and other departments for the design, construction and installation of the facilities.
- Oversight and management of Contractor structural related engineering inclusive of manhour allocations, costs and tracking.
- Review structural requirements for equipment / packaged equipment for Contractor's purchase exercises.
- Perform engineering support and oversight with regards to technical bid evaluations of vendor proposals relating to structural materials. Review and approval of Contractor developed technical RFQ documentation, clarifications, technical bid evaluation reports and recommendations.
- Oversight and monitoring of Contractor's management of vendor's and vendor's delivery of materials in line with project requirements. Pro-active and early identification of any negative issues relating to delivery performance and development of necessary corrective actions and mitigation plans.
- Assist in optimization engineering study activities to minimize the size and cost of the facilities.
- Review and approval on behalf of Company of all structural material vendor technical documentation during project execution.
- Provide input to constructability method statements. Review and approval of the contractor proposed transportation and installation procedures. Organize and participate in constructability and installation review workshops.
- Provide site support during the fabrication, loadout, transportation and installation phases.
- Provide input to QA / QC procedures for fabrication and installation related activities, e.g., welding, non-destructive testing, etc.

- During offshore installation activities, pro-actively coordinate and work with T&I Manager, Company T&I Manager, Company inspectors / surveyors and Contractor personnel to ensure the work is performed fully in line with Company project safety and quality requirements.
- Coordinate and interface pro-actively and cooperatively with other members of project PMT, Contractors, third parties, etc.
- Provide Company interface to the legislative bodies (e.g. Certifying Bodies) with respect to the equipment and safety issues to ensure that all legislative requirements relating to offshore facilities in Vietnam are complied with in respect to the above and are correctly implemented.
- Business travel and offshore work as required by the project.
- All other duties as may be reasonably requested by Company project management.

#### 4. PRINCIPLE ACCOUNTABILITIES

- Full definition of project structural related technical requirements and its inclusion and implementation into project execution documentation and planning / procedures.
- Oversight and supervision of Contractor structural engineering to ensure compliance with project requirements.
- Oversight and supervision of Contractor's management of material and service vendors to ensure compliance with project requirements.
- Ensure that project schedule is met and that cost expenditures are in line with approved budget allocations.

#### 5. POSITION HOLDER REQUIREMENTS

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|---|---|
| <b>Formal Qualifications</b>            | <ul style="list-style-type: none"> <li>- Bachelor Degree or equivalent in Structural Engineering or technical equivalent.</li> </ul>  |
| <b>Experience, Skills and Knowledge</b> | <ul style="list-style-type: none"> <li>- Minimum 8 years experience in the Oil and Gas industry in the planning and execution of offshore field developments.</li> <li>- Experience in monitoring / managing and directing Company and Contractor engineering functions during project execution.</li> <li>- Experience interfacing with other project disciplines and developing / implementing integrated designs.</li> <li>- Experience with participating in and executing safety reviews / technical studies and implementation / resolution of results and recommendations</li> <li>- Experience in defining and detailing scopes of work for various phases of project execution with a focus on engineering, installation and commissioning.</li> <li>- Experience in site fabrication support, onshore pre-commissioning and commissioning activities, offshore hook up, offshore commissioning and start ups</li> <li>- In depth understanding of international, industry codes and standards such as ASME, ASTM, API, BS, DNV, IEC, NEC, ANSI, etc.</li> </ul> |
| <b>Candidate Profile</b>                | <ul style="list-style-type: none"> <li>- Self-driven and highly motivated</li> <li>- Focused on disciplined project execution and technical management</li> <li>- Team player; works effectively within a multi-discipline team</li> <li>- Ability to supervise, lead and motivate staff and reporting teams</li> <li>- Excellent communication, organisation, and interpersonal skills</li> <li>- Fluent in the English language (written and oral)</li> </ul>   |

**6. AUTHORISED**

**JD approved by:**

**Signature:**

**Date:**