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culture.

Ref. T201901

## Facilities Engineering Lead (M/F)

**Location:** Emeryville\_California (USA)

Our customer is an innovative supplier of technology and services to the offshore wind industry who is currently hiring a Facilities Engineering Lead to strengthen the California-based US team. Our client's mission is to make its technology more competitive, secure, reliable and environmentally friendly for offshore wind projects.

### Main Accountabilities:

The Facilities Engineering Lead will be managing a group of multidisciplinary engineers and designers as part of the Maritime Design and Systems Group. This group provides engineering and design services for a multiplicity of projects at various stages of design. Engineering and design services for this group include mechanical and hull tube systems, electrical and instrumentation systems and general platform layout. Managing the work of a small team of interdisciplinary engineers and designers to meet specific project deadlines for engineering deliveries

- Manage the work of a small team of inter-disciplinary engineers and drafters to meet project specific deadlines for engineering deliverables including:
  - Engineering Analysis Reports (Pipe Sizing Reports, Electrical Load Studies, etc)
  - 2D Engineering Drawing Sets for Piping Systems, Electrical & Instrumentation Systems, Equipment Layouts, and General Arrangements
  - Equipment Specifications, Datasheets, Material Requisitions, and Technical Bid Evaluations.
  - Various fabrication deliverables such as MTO's, Technical Queries, etc.
- Provide QA/QC of project engineering work with an emphasis on the Mechanical, Piping, and Electrical disciplines.
- Provide QA/QC of 2D Drafting and 3D modeling group efforts
- Interface with engineers from other company disciplines (Structural, Hydrodynamic, Installation, Mooring) to ensure project requirements are met
- Interface with Turbine Providers, Equipment Vendors, and other external parties to ensure all project requirements are defined for Marine System and Design Group
- Follow closely the fabrication planning and execution phases to provide support as necessary, especially during the procurement stages.

## Requirements & Qualifications:

- Bachelors (Preferably Master of science) in relevant field of engineering (Mechanical engineering, Electrical engineering, etc);
- Offshore industry experience is desired, operational ship/offshore experience is a plus;
- Knowledge of Mechanical and Electrical industry standards: ASME, ISO, ASTM, IEEE, etc;
- Knowledge of offshore standards a plus: ABS, BV, DNV, API, etc;
- Ability to perform basic engineering tasks in Mechanical, Piping, and E&I disciplines;
- Advanced knowledge in specific discipline is desired;
- Ability to lead multi-disciplinary model reviews for clash detection, HSE risks, etc;
- Experience working with equipment procurement and procurement support is desired;
- Strong technical and analysis skills;
- Systematic and detailed oriented;
- Good communication skills both written and oral;
- Self-driven and motivated;
- Ability to work independently;
- Proven experience of work in multidisciplinary, collaborative and worldwide team context.

## Offer:

Wage package appropriate to the presented experience;

Career development opportunity;

Contractual link established directly with the client.