

Job Posting

Iberdrola Renewables Taiwan

Job Title

Lead Foundation Package Engineer

Company Information

Iberdrola Group is one of the world's largest integrated utility companies and a world leader in renewable energy. Our focus is on wind energy, smart grids and driving the change to a cleaner, electric future, and we are investing over £7m every working day to make this happen.

In 2021, we entered the Taiwan renewable energy market with the ambition of developing and operating up to 6GW of offshore wind assets in the next 10 years, and are now actively growing our locally based project development and engineering team to lead our efforts.

Business and Department

Global Offshore Renewables Business – Project Services

Job Description

The Lead Foundation Package Engineer is a key role within the Offshore Renewables Business, focusing on the delivery of large-scale offshore wind projects in Taiwan. As part of the Foundations Department within the Wind Farm Area of Offshore Project Services, and reporting to the Design Management Lead or Department Manager, the successful candidate will be responsible for

- Implementing robust and cost-effective engineering strategies and plans
- Tendering and managing offshore foundation design contracts
- Establishing and building relationships with design consultants based in Taiwan
- Complying with company engineering standards and technical acceptance criteria
- Ensuring quality, best practices and excellent H&SE performance are applied

The position may require frequent domestic and occasional international travel and the individual should be capable of working within a matrix structure alongside colleagues across multiple locations and time zones.

ACCOUNTABILITIES

- Lead Foundation Package Engineer, acting as Design Manager for foundation feasibility and concept design studies to support the company's participation in auction processes for offshore wind in Taiwan. Scopes will include both structural and geotechnical design.
- Project management of one or more foundation design contracts, with overall responsibility for programme, budget and quality matters on the contract(s) – following industry best practice and observing the maximum respect for Health, Safety and the Environment to ensure regulatory and legal compliance.

- Making recommendations on preferred foundation concept to project management and providing justifications, including preparation of risk assessment and mitigation measures.
- Leading on supply chain engagement with established or potential foundation fabrication contractors; preparation of request for information and request for quotation packages; review of proposals.
- Preparation of technical evaluation of fabricators' capability and risk profile; presentation to management, preparation of cost estimates for foundation fabrication.
- Management of interfaces with other areas and incorporation of requirements – including geotechnics, transportation/installation, and operations and maintenance.
- Management of change, including taking a leading in negotiating and minimising the commercial and programme impact of variations to the contract(s).
- Maintaining full awareness of the latest technical and commercial developments and identifying suitable new technology that has the potential to reduce cost and risk or improve safety.

Qualifications, Skills and Experience

- Proven experience in executing and managing structural design of turbine and preferably offshore substation foundations for offshore wind farms.
- Excellent knowledge of offshore foundation types, applicability and risks.
- Understanding of geotechnical design, ground risk and site investigations.
- Experience of procuring and managing design works, including commercial knowledge.
- Ability to manage complex packages which require interface and precise coordination with multiple disciplines (for example - structures, geotechnics, turbines, electrical cables, offshore substations, ports, vessels).
- Experience of programme management, risk identification and mitigation.
- Knowledge and experience of the design, construction and/or fabrication of large-scale civil engineering structures.
- Excellent knowledge of offshore industry technical codes and design standards.
- Excellent knowledge and experience of health and safety and environmental legislation associated with construction projects (marine and offshore projects preferable), particularly related to design.
- Excellent relationship management skills and confidence working with Senior Management.
- Excellent report writing, presentation skills and ability to summarize key parameters and drivers impacting the package.

- Ability to identify resource constraints and provide recommendations to mitigate capacity or capability gaps.
- Educated to degree level in civil or structural engineering with substantial postgraduate industry experience.
- Achieved Chartered status in Civil or Structural Engineering, or equivalent national status.

Application Deadline

23 December 2022

Office Location

8F, No. 101, Section 2, Nanjing East Road, Zhongshan District, Taipei

Benefits and Conditions of Employment

We offer a competitive package, which includes basic salary that is based on experience and a generous annual bonus, 25 days of annual leave entitlement.

We offer time and financial support for the successful candidate to take advantage of professional learning and development opportunities inside and outside of the organisation.

All new hires undertake a workplace induction and there are a number of mandatory e-learning courses that must be completed.

Normal working hours are 40 per week: 9am to 6pm from Monday to Friday, including one hour lunch break. Iberdrola Renewables Taiwan supports and promotes flexible working as a crucial part of our inclusive offering.

OTHER INFORMATION

No accommodation or relocation expenses are payable in connection with this position. You must have or be able to obtain a local work permit which we will sponsor.

Iberdrola Renewables Taiwan is an equal opportunities employer and does not discriminate on grounds of ethnic origin, race, religious beliefs, age, disability, gender or sexual orientation.

Application

Please send a covering letter and CV to Kevin Liu (kliu@iberdrola.es).