

(JOB CODE:)

ROLE:	Site Investigation Engineer	DEPARTMENT: Moray West Project
DIRECT SUPERIOR:	Project reporting line: Project Manager Functional reporting line: Head of Offshore Substructures	AREA: Offshore Technical

GENERAL DESCRIPTION

EDPR develops, constructs, and operates wind farms across several geographies, and owns over 10,000 MW of operating wind farms, being one of the largest renewable players in the world.

The Moray West Offshore Farm is being developed by Moray Offshore Windfarm (West) Limited, a company owned 100% by EDP Renewables (EDPR). Moray Offshore Windfarm (West) limited was awarded the rights to develop offshore wind in the outer Moray Firth as a development partner of The Crown Estate as part of the Third Round of Offshore Wind Licensing. The Moray West site is adjacent to the Moray East site where EDPR and Engie are jointly developing the Moray East Offshore Wind Farm.

As a Site Investigation Engineer you will be expected to use your previous experience, skills and knowledge, working alongside with the Corporate Technical Departments, in the design and management of geotechnical and geophysical site investigations, management and integration of geoscience data, across the whole lifecycle of the Moray West Project. As well as in the Development and Construction phases of other Offshore Wind Projects owned by EDPR.

This would include the provision of technical support, in the field of geosciences, to the tender works for the development and construction activities of the Moray West Project, as well as in other offshore wind projects from EDPR. Key activities related to interpretation of technical proposals, tender evaluation, negotiations and implementation of all Site Investigation, Geoscience consultancy and Offshore Client Representation Contracts. As well as the management and efficiently delivery within agreed time and budget of the contracts which fall under his scope.

Success in this role will lead to growth opportunities within the organization.

MAIN ACCOUNTABILITIES

- Responsible for the planning, technical support to the tender process, technical selection, implementation and management of offshore geotechnical and geophysical site investigations contracts
- Provision of key technical support in the field of geosciences, across the whole lifecycle of the Moray West Project and to other EDPR offshore wind projects.
- Responsible for the management, integration and stakeholder distribution of geoscience (Geological, Geotechnical, Geophysical and Engineering) data and reports
- Collaborate with the corporate technical team in the execution of a wide range of geotechnical analyses and reviews to assist the development and construction activities
- Be closely involved with all interfacing packages and provide key support in developing scopes of work and specifications which require geotechnical/geophysical support (e.g. Export cable routing, In array cable routing, Jack Up assessments, etc.)
- Responsible for the identification of geohazards, execution of site risk assessments and mitigation advise, during the different phases the project lifecycle
- Interact with project team by managing interfaces, sharing lessons learned and introducing improvements
- Handle work package reporting into project team and provide input to internal decision processes

- Engage actively from site investigation perspective towards optimization of overall wind farm design with special focus on implementing cost reduction levers

REQUIRED ACADEMIC SKILLS

An internationally recognized degree in Engineering Geology, Geotechnical Engineering, Geology, Geophysics, Civil Engineering or equivalent, with proven experience and competency in the field of Geosciences applied to construction.

REQUIRED PROFESSIONAL EXPERIENCE

A minimum of [5] years' experience within the Onshore and/or Offshore Construction sector is required. Experience in either the offshore renewables or oil & gas sectors is preferred. Chartered or Incorporated Engineer status is desirable.

Experience in a multi-disciplinary project environment is required. Demonstrable knowledge in some or all of the following areas is required:

- Planning and consenting processes associated with onshore and offshore site investigation campaigns.
- Management of large complex, multidisciplinary site investigation campaigns
- Development and design of large complex projects
- Onshore and offshore power station construction methods and timescales.
- Onshore and offshore infrastructure construction methods and timescales.

Candidates' shall have experience of working with the CDM (Construction Design and Management) Regulations and have a demonstrable understanding of health, safety and environmental best practice and how this affects early stage project design activities.

RESOURCES MANAGEMENT

The Site Investigation Engineer is expected to have direct reports from offshore client representatives or other site representatives, working for the contracts under his supervision. Furthermore he will be responsible for the coordination and management of any work packages performed by internal and external parties within these same contracts.

REQUIRED KNOWLEDGE

Skills/Competencies:

- Project management experience of complex construction projects, preferably within wind and/or offshore
- Design management preferably wind and/or offshore
- Strong knowledge of Offshore Site Investigation codes and standards
- Practical experience of Offshore Site Investigation techniques and practices
- CDM and management of health and safety
- Good communicator and experience with working in multinational teams
- Good analytical skills
- Dedicated personality, open minded and with an holistic mind-set
- Organised and able to prioritise
- Accountable
- Business aware
- Demonstrated experience with ArcGIS or similar software

LANGUAGES: Fluent in English. Ability to read, write and speak Spanish or Portuguese is a plus.

MOBILITY: Flexibility to travel.