

IMDC is an international consultancy providing advice upon the development and management of water related engineering projects in the marine, coastal and river environment. IMDC provides services to the renewable (offshore wind, wave and tidal energy), power generation (nuclear, gas), transmission infrastructure, navigation, integrated water risk management, ports & harbours, environmental and public sector markets (flood risks, coastal protection).

At this moment we work with 80 highly qualified engineers and scientists on projects integrating scientific research with inland water, coastal and offshore engineering. IMDC has a strong reputation for the provision of high quality expert advice and innovative solutions to its clients.

Since 1995 IMDC is part of the Tractebel Engineering Group.

# VACANCY

## Marine Consultant Subsea Cables and Pipelines (m/f)

### Job content

As a Marine Consultant Subsea Cables and Pipelines, you will work throughout all phases of subsea cable and pipeline projects (for offshore windfarms, transmission infrastructure, blue energy, offshore installation works), from conceptual and feasibility phase through conceptual and detailed design, installation, O&M, until decommissioning phase.

Your workload entails a range of strategic tasks, such as feasibility studies, site characterisation towards Design Basis, cable and pipeline routing analyses, landfall design, cable and pipeline installation methodologies, cable burial risk analysis, pull-in design, offshore jointing, crossing & repair strategy, definition of transport & installation risks, HAZID, performing workability analyses, definition of O&M and decommissioning plans.

You will be part of the Marine & River Engineering team of IMDC and you will work in close collaboration with the other teams of IMDC (Climate Change, Adaptation & Management, Computational Physics, Geo- & Hydraulic Design, Hydroinformatics & Measurements).

You will manage projects as well as expertise tasks in your domain.

You constantly increase your knowledge throughout projects, through contacts with developers and by joining conferences.

### Profile

- ◆ You have an engineer's degree in one of the following subjects: civil engineering, cable engineering, marine installation engineering, landfall design, offshore cable/pipeline design or equivalent expertise;
- ◆ You have an advanced understanding of offshore construction works, subsea cable and/or pipeline installation techniques, landfall design, risks of working in the marine environment, derisking, managing interfaces;
- ◆ You have an enhanced understanding of the different engineering phases of an offshore project, third party certification and different types of contracts (EPC, EPCI, EPCM, LSTK, ...);
- ◆ You have at least 3 years of practical field experience with regard to one of these fields;
- ◆ You can translate your practical field experience into expert advice to clients;
- ◆ Thorough knowledge of the marine environment and offshore working conditions is an indisputable requirement, as well as being highly safety conscious;
- ◆ Knowledge of risk & safety analysis, HAZID, HAZOP processes and HSE is an advantage;
- ◆ Knowledge of OrcaFlex software or equivalent is a plus;
- ◆ You are constantly alert to new developments and project opportunities;
- ◆ You show commercial awareness and an understanding of business;
- ◆ You are experienced in project management;
- ◆ You are familiar with and experienced in client oriented communication, amongst which balancing expectations, leading progress meetings and effective oral and written communication.
- ◆ You have excellent reporting skills, both oral and written;
- ◆ You are willing to work on national and international projects;

- ◆ You are willing to work occasionally for several weeks abroad as a client representative in offshore projects (follow up of surveys, supervision of installation and execution works, maintenance works);
- ◆ You are self-motivated and able to motivate staff at all levels;
- ◆ You have an excellent knowledge of English. A basic knowledge of Dutch (oral and written) is an advantage.
- ◆ You have preferably a valid Global Wind Organisation approved safety training certificate and/or BOSIET.

#### What we offer

- ◆ A challenging and varied job where initiative is appreciated.
- ◆ A young and dynamic working environment where professional development is encouraged.
- ◆ A range of interesting and significant (inter)national projects, with challenging assignments abroad.
- ◆ A permanent technical education to keep your knowledge up-to-date.
- ◆ An environment where knowledge exchange is stimulated through regular contacts with the scientific community on conferences and by (own) innovation projects.
- ◆ An attractive salary and a range of non-statutory (fringe) benefits.

#### Contact

Do you recognise yourself in this profile and are you interested in IMDC as a company?

Please do not hesitate to send your CV and cover letter by mail to [jobs@imdc.be](mailto:jobs@imdc.be) for the attention of Kristien Van Dyck.

Your application will be treated with the utmost discretion.

[www.imdc.be](http://www.imdc.be)

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