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## Role Specification

Job title: Engineering Manager - UK

Department: Engineering

Location: Oxford, UK

Date: March 2023

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The role of Engineering Manager – UK will be based at our corporate office in Oxford, UK with frequent visits to our engineering contractor's office in West London. Some other business travel should be expected, to include an element of international business travel.

### **An overview of the role within the Company**

The role of Engineering Manager - UK is an integral member of the engineering team and is responsible for leading the Company's UK Engineering function and delivery, supporting the commercialisation of Velocys technology. The successful candidate will join the Company at a pivotal stage of project development and will bring their enthusiasm and energy to motivate the UK engineering team to deliver key milestones associated to the implementation of new technology and commercial applications for efficiency, environmental and economic benefits.

The role involves managing and leading the UK-based Engineering team in the delivery of client projects. For many projects Velocys will be mainly a technology licensor, but in the case of our reference projects, the Company's Engineering team is central to the delivery of projects worth over £1 billion, leveraging world-class partners. This role requires someone who can combine their extensive engineering experience with effective influencing skills to thrive in a fast-paced environment in which change and innovation are required each day to ensure the delivery of net zero aviation travel by 2050.

The successful candidate will be able to provide demonstrable experience of managing multi-disciplined teams to include the management of external engineering contractors. Accountable for planning, directing, organising, executing and controlling engineering activities for specific projects, they will be able to make fact based and sound engineering decisions and be capable of creating innovative solutions to engineering challenges. This is a hands-on role requiring a team player who is able to managing competing demands upon their time. They will be an effective communicator with the ability to apply their enthusiasm and passion for delivering a key part of the Energy Transition and maintaining a first-class engineering capability for our clients.

### **Responsibilities**

- Developing and leading the UK Engineering Team
- Providing engineering expertise to projects, supporting the development, implementation, and execution of key deliverables
- Providing technical evaluation support to supply chain activities.
- Ensuring all applicable procedures, standards and specifications are being correctly and consistently applied.
- Management of engineering stakeholder relationships both internal and external
- Support and oversee development of cost estimates.
- Review technical documents produced by engineering contractor and ensure oversight by appropriate company personnel.

- Supporting and providing input into the development of client proposals at appropriate project phases to include the drafting of technical execution plans.
- Responsible for multiple UK engineering project budgets
- Drafting of technical presentations and decision support packages
- Leading the delivery of technical presentations to multiple disciplined audiences
- Liaison and collaboration with internal project controls specialists in the UK and US
- Maintaining and adhering to all necessary safety and appropriate legalisation, codes and standards.
- Perform progress monitoring and verification of contractor performance.
- Conduct and lead design reviews, and risk assessments.
- Development and improvement of systems, tools and templates, while upholding best practice methodologies.

## Organisational interactions

Immediate supervisor title: Vice President of Engineering

Next level supervisor title: Senior Vice President of Business Development and Technology Delivery

Collaboration with other individuals and groups:

- Internal
  - Project Development Team
  - Business Development Team
  - Catalysis team
  - Design and Manufacturing team
- External
  - Engineering partners
  - Technology partners
  - Clients
  - Vendors

## Education and experience

- A bachelor's degree in Engineering is essential. An advanced Engineering degree would be advantageous.
- Extensive industrial experience, with demonstrable global scale chemical processing industry experience either in petroleum refining/production, and or an energy related sector.
- Proven experience in delivering large capital projects on time, within budget and to specification, with a bias of applying sound knowledge of engineering principles to complex and integrated plant designs and operations, ideally with emerging technologies experience.
- Experience of managing technology licensors.
- Experience across the project management cycle, ranging from early engineering definition and technology development through to detailed engineering, construction, commissioning and start-up.
- Experience of working across multiple project sites, on a global scale.
- Previous engineering roles held at an EPC (Engineering Procurement and Construction) contractor is desirable, but not essential.
- Experience with XTL technologies, particularly Fischer-Tropsch, and/or renewable fuels is a distinct advantage
- Proficient knowledge of MS Office to an advanced level is required
- Prior experience of applying pragmatic problem solving and innovative thinking, working independently, but equally comfortable with operating in a team, delegating and providing motivation when appropriate.
- Willingness to take ownership and responsibility with ability to accept input from other



- individuals as appropriate
- Demonstrable interpersonal and communication skills with the ability to liaise on all levels; evidence of collaborative behaviour is essential.

## Contact

Please send your CV and any additional information to support your application to:

[careers@velocys.com](mailto:careers@velocys.com).

