
Role Specification

Job title: Mechanical Engineer

Department: Engineering

Location: Houston, USA

Date: December 2022

The role within the Company

Velocys continues to build upon its project delivery capabilities and is now seeking a talented individual to join the engineering division in this newly created role of Mechanical Engineer, based at our project execution office in Houston, USA.

The position of Mechanical Engineer is a critical role within the engineering capabilities of project delivery for Velocys. Review and acceptance of third-party documentation relating to equipment requirements against the project delivery scope and statutory requirements is an essential responsibility and will require the successful candidate to apply their robust effective communication and influencing skills to ensure positive conflict resolutions. Furthermore, tasks will cover the areas of the identification of specific equipment and checking of project design calculations.

Equally the role requires an individual who can draw upon their extensive experience of operating in both an industrial and commercial environment

Responsibilities

- Review of project delivery documentation
- Collaboration with subcontractors and third parties to ensure project remains on schedule and adherence to company objectives and statutory requirements
- Interface directly with the Engineering Contractor, all Engineering disciplines, procurement as well as the supplier.
- Management of project discrepancy disputes and seek timely and effective resolutions
- Review of data sheets, enquiry requisitions, technical bid evaluations, purchase requisitions, Supplier co-ordination and document reviews
- Be effective in project management change procedures
- Identify specific equipment needs
- Apply innovative problem solving skills to complex engineering issues

Organisational interactions

- Immediate supervisor title: Vice President, Engineering
- Next level supervisor title: Senior Vice President, Business Development and Project Delivery
- Collaboration with other individuals and groups: Velocys Process Engineering Group and Cataysis Technology Group. Third Party Vendors and Suppliers.

Education and experience

- Accredited Degree in an Engineering discipline
- Demonstrable practical experience gained in an engineering related commercial

- environment
- Professional membership of a recognised engineering body
 - A proven track record in major Energy and Chemical projects in pre-FEED, FEED and EPC phases.
 - Ability to support a team of contractor specialists consisting of rotating equipment, pressure vessels, heat exchangers fired equipment, packaged equipment, piping and materials.
 - Technical leadership of global teams, interfacing with all engineering disciplines, across multiple offices to coordinate detailed engineering scope of work.
 - Experience with cost estimates, schedule development, technical reviews, preparation of design specifications, datasheets, requisitions, bid summaries and purchase orders.
 - Strong attention to detail with the ability to multi-task and deliver to deadlines
 - Demonstrable interpersonal and communication skills with the ability to liaise on all levels.
 - Intermedidate knowledge of MS Office to include O365, Word, Excel and PowerPoint
 - Excellent report writing skills, to include technical and commercial content
 - Analytical approach to problem solving and identifying potential solutions

Contact

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

careers@velocys.com.

