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Background

Blue Engineering and Consulting Company (BLUE), an engineering and consulting firm specializing in providing engineering and technical support to the liquefied natural gas (LNG) industry, is looking for an energetic, highly motivated and well-qualified Mechanical Engineer to join our team in Ellicott City, MD.

Job Description

In this role, you will have the opportunity to provide mentoring, leadership, and technical expertise for the design of equipment for all types of LNG projects. General responsibilities will include:

- Select and implement appropriate designs for compressors, pumps, tanks, heat exchangers, pressure vessels, vaporizers, tanker loading arms, fired equipment and other packaged equipment.
- Evaluate, select, specify, and engineer equipment suitable for LNG projects.
- Prepare feasibility and pre-FEED equipment cost estimates.
- Lead and coordinate meetings with internal staff, external consultants, clients, contractors, subcontractors, and vendors/fabricators across the globe.
- Prepare equipment data sheets and technical specifications.
- Perform bid clarifications/meetings with bidders and prepare technical bid evaluations/summaries for equipment or EPC work.
- Participate in client project meetings and conduct meetings with equipment providers working on the project.
- Participate in design & model reviews, HAZOP reviews, and constructability review.
- Participate in on-site start-up and commissioning work on an as-needed basis
- Attend pre-inspection meetings, inspections, and testing on fired equipment in vendor's shop.

Qualified candidates will have experience/familiarity in most of the following areas:

- Project Types
 - LNG, power generation, natural gas, hydrogen, or other related industry
- Project Execution
 - Extensive technical expertise related to the specification and procurement of custom engineered equipment packages including pressure vessels, heat exchangers, pumps, compressors, fired heaters, flares, thermal oxidizers, and other heavy mechanical equipment used in the mid-stream process industries.
 - Piping systems design, installation, and testing.
 - Executing projects from early conceptual, to detailed engineering, to project start-up and operations support.

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- Reading detailed project drawings and blueprints and technical interpretations.
- AutoCAD drafting software for preparation of drawings, including process and instrumentation diagrams (P&IDs).
- Equipment inspection and general condition engineering assessment projects.
- Machinery control system requirements, compressor anti-surge protection and performance PLC systems, turbine governor & overspeed trip PLC systems and machine health monitoring systems.
- Attending and performing engineered equipment shop inspections of static equipment.
- Self-perform technical work while also leading and managing a team.
- Knowledge of industry codes and standards (ASME B31.3 and other relevant codes)

Minimum Qualifications

- Bachelor's degree in engineering from a recognized accredited program.
- Minimum of 7 years related work experience.

The candidates must be authorized to work in the US and have a valid passport. A background check and drug test may be required as a term of employment.

Applications will be reviewed and received until the position is filled. To apply or learn more about BLUE, please visit our website at www.BlueEngineeringandConsulting.com or contact us at BlueTeam@BlueEandC.com

Why BLUE

BLUE allows you to lend your talent and perspective to in a flexible environment where you are empowered to grow and explore new possibilities. We offer competitive compensation and bonus/profit sharing, 401K match, health/dental/vision insurance, and other benefits.

At BLUE, you own your career with purpose and meaning. You are empowered to grow and explore new possibilities at every step of your career journey. Bring your big ideas knowing you are safe to be who you are and speak up with concerns or questions and put your diverse talents and perspectives to use.