

POSITION DESCRIPTION

Mechanical Engineer

The logo for KFI ENGINEERS is centered in the bottom right quadrant of the page. It consists of a large, white, thick-lined circle. Inside the circle, the letters "KFI" are written in a large, bold, white, sans-serif font. Below "KFI", the word "ENGINEERS" is written in a smaller, bold, white, sans-serif font.

KFI
ENGINEERS

POSITION SPECIFICATION

Position	Mechanical Engineer
Organization	KFI Engineers (KFI)
Location	Fargo, ND
Reporting Relationship	Director or Senior Project Manager, Commercial
Website	http://www.kfiengineers.com/

COMPANY BACKGROUND

KFI is a recognized industry leader in process and facility infrastructure design and performance. We serve clients in the United States, Canada and Central America and have capabilities not commonly found in traditional engineering firms, including our commissioning work and our ability to drive projects of all sizes.

KFI was established in 1996 to make a difference in the way infrastructure and processing projects are delivered. We employ a highly trained staff of engineers, technicians and managers who execute projects with the same care and creativity we would expect if we were the client. We are located in Minnesota, Wisconsin, Iowa, and North Dakota with a team of 100 professionals.

POSITION OVERVIEW

The Mechanical Engineer plays a key role in the successful execution of projects. Reporting to the Director, Commercial, this individual will provide technical and engineering excellence, as well as successful delivery of work to our customers. The successful candidate will also contribute to a dynamic team environment by being proactive, communicating clearly to all stakeholders, and modeling a highly collaborative working environment. This person will also actively support the business development process, through the writing of proposals and meeting with prospective and current customers.

Additional qualifications the successful candidate will possess include:

- Effective meeting management skills.
- Strong attention to detail.
- Adaptable and agile, responsive to quick changes in direction.

KEY RESPONSIBILITIES

- Prepares engineering documents and equipment specifications to meet contracted scope of work and to ensure application of Thermodynamic Principles (e.g., HVAC Engineering and Design, load/energy modeling calculations, etc.).
- Basic understanding of Architectural, Electrical, Civil and Structural Engineering

construction practices.

- Develops estimates for assigned scope of work, and is accountable for ensuring we stay within scope.
- Assures that assigned work complies with KFI's quality requirements.
- May serve as project manager for complete projects, when assigned.
- Supports the business development process through input to proposals, meeting and presenting to prospective customers, etc.
- Provides work direction to other team members, including subcontractors, as assigned.
- Approves final equipment selections and drawing submittals.
- Provides technical and engineering support to other departments/disciplines.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

The successful candidate will have a pragmatic and applied approach, while at the same time bringing a creative examination of customer needs and solutions.

The successful candidate will have strong interpersonal skills to enable effective interaction with Designers, Engineers and Project Managers. This person will possess very good communication and influencing skills, and has demonstrated the maturity and self-confidence to work with colleagues and customers. The level of seasoning we are looking for likely comes with a minimum of 5 years of experience following graduation.

The successful candidate will possess the ability to assimilate a range of ideas, programs or alternatives into a set of recommendations. This person will be self-directed, but thrive in an environment where consultation leads to superior outcomes.

KEY PERFORMANCE CHARACTERISTICS

Understanding the Business

- Knows the business and the mission-critical technical and functional skills needed to do the job; understands the "KFI way" – our Mission, Vision and processes. Learns new methods and technologies easily.

Getting Organized

- Is well organized, resourceful, and planful; effective and efficient at marshalling multiple resources to get things done; lays out tasks in sufficient detail to mark the trail; is able to get things done with less and in less time; can work on multiple tasks at once without losing track; foresees and plans around obstacles.

Focusing on Action and Outcomes

- Attacks everything with drive and energy with an eye on the bottom line; not afraid to initiate action before all the facts are known; drives to finish everything he/she starts.

Focusing on the Customer

- Identifies and anticipates customer requirements, expectations, and needs. Creates systems and processes that make it easy for customers to do business with the company. Ensures that customer issues are resolved.

Communicating Effectively

- Writes and presents effectively; adjusts to fit the audience and the message; strongly gets a message across.

Influencing Others

- Ensures that proposals or arguments are supported by strong logic and a compelling business case, addressing all relevant factors. Identifies the agendas, concerns, and motivations of others.

Builds Relationships

- Treats people with respect; relates well to people regardless of their organization level, personality, or background. Encourages others to express their views, even contrary ones

EDUCATION

Bachelors' degree in Mechanical Engineering and a Professional Engineering Registration are required. LEED Certification, while not a requirement, would be beneficial.

KFI ENGINEERS CONTACT

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