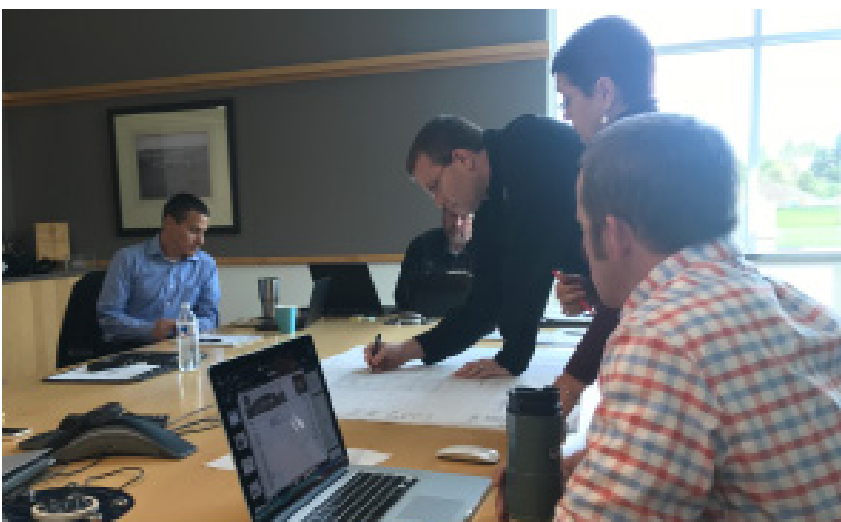


# POSITION DESCRIPTION

## Mechanical Engineer - Industrial

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2019



## POSITION SPECIFICATION

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<b>Position</b>	Mechanical Engineer - Industrial
<b>Organization</b>	KFI Engineers (KFI)
<b>Location</b>	St. Paul, MN
<b>Reporting Relationship</b>	Senior Project Manager, Industrial Group
<b>Website</b>	<a href="http://www.kfiengineers.com/">http://www.kfiengineers.com/</a>

## COMPANY BACKGROUND

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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

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The Mechanical Engineer plays a key role in the successful execution of projects. Reporting to the Senior Project Manager, Industrial Group, this individual will provide technical and engineering excellence, as well as successful delivery of work to our customers. The Engineer is responsible for a high level of customer satisfaction by ensuring expectations are clearly communicated and managed – both externally and internally. The successful candidate will also contribute to a dynamic team environment by being proactive, communicating clearly and frequently, 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.

## TYPICAL RESPONSIBILITIES

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Specific responsibilities will include, but not be limited to, the following:

- Prepares engineering documents and equipment specifications to meet contracted scope of work and to ensure code compliance.
- Performs engineering calculations.
- Manage projects and teams, ensuring that work efforts and costs are accurately scoped and estimated.
- Develops estimates for assigned scope of work, and is accountable for ensuring we stay within scope.
- Actively manages assigned projects, driving them to completion. This will require a combination of strong delegation and follow-up, combined with personal execution of work as needed.
- Provides technical and engineering support to other departments/disciplines.
- Represent KFI at community events, and through membership in industry associations.

## **KNOWLEDGE, SKILLS AND ABILITIES REQUIRED**

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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 electrical design experience across a variety of industries and processes. Project experience and/or working knowledge of Process, Instrumentation & Controls will be very valuable. This person possesses a basic understanding of Electrical, Mechanical, Civil and Structural Engineering construction practices. He/she has a strong knowledge of Codes and industry standards (e.g. NEC, NFPA, NESC, ANSI/IEEE, etc.).

This person will have strong interpersonal skills to enable effective interaction with Designers, Engineers and Project Managers. This person will also possess strong communication skills, 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 10 - 12 years of experience following graduation.

The successful candidate will be naturally collaborative, and 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.

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.
- Ability to establish rapport and credibility with customers and other stakeholders.

## **KEY PERFORMANCE CHARACTERISTICS**

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### **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 those contrary to current thinking.

**EDUCATION**

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Bachelors' degree in Mechanical Engineering is required. Professional Engineering Registration or willingness to pursue this designation is also required.

**KFI ENGINEERS CONTACT**

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Human Resources  
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