



Title of Position and Code
Staff Electrical Engineer - MT -22-09

Team/Department
Engineering Department

Reports To
Assistant Director of Engineering

FLSA Status
Exempt

Staff Electrical Engineer

At H2E, everything grows - people, skill sets, careers and you. We need your talent as a Staff Electrical Engineer.

H2E is a growing electrical engineering consultancy firm located in Liberty Lake, Washington. Our culture supports (and insists on) excellence in engineering, project management, teamwork and leadership. We are intentional about ongoing skills development – our clients and your potential demand nothing less.

Industries we currently serve include Mining, Light Metals, Hydro Electric, Cement, Aggregates, Water and Waste Treatment Plants, Electric Utilities, Dept of Energy, and Wood Products. We are currently looking for an experienced Staff Engineer to work and grow with us at our Helena, MT office.

About Your Work:

You will work with other engineers, designers, and clients to develop electrical power related systems for our clients. You'll have the opportunity to power factories, saw mills, mines, manufacturing plants and hydroelectric facilities. Your creativity is required.

The best candidates possess functional knowledge of electrical power and distribution systems. They can perform assignments designed to develop professional engineering work, knowledge and abilities. It requires application of standard techniques, procedures and criteria in carrying out a sequence of related engineering tasks. Demonstration of judgement is required on details of work and in making decisions and adaptations of engineering alternatives.

Essential Responsibilities:

Technical

- Gains and applies a working knowledge of current principles and practices of power engineering.
- Assists with medium voltage substation design.
- Assists with short circuit, load flow, and relay coordination studies utilizing knowledge of modern modeling software.
- Assists with the development of medium voltage and low voltage one-lines, three-lines, interconnection drawings and schematics.
- Read and interpret control system, construction, and installation drawings.
- Assists with the development of medium and low voltage equipment and construction specifications.
- Assists with the preparation of permit applications, material testing, basic design tasks, and CADD work.
- Assists with performing fieldwork including start-up, testing and commissioning of medium and low voltage equipment.
- Observes construction activities and visits construction/plant sites and fabrication shops during design phase on as required basis.

Leadership / H2E & Project Management

- Obtains a working knowledge of project execution concepts and practices.
- Assigns tasks to and coordinates with technicians, administrative staff and supports Senior and Principal Engineers.
- Assists with proposals to provide professional services.
- Assist to complete projects within scope, on time and on budget with safety and quality requirements met.

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(406) 513-1002



Staff Electrical Engineer

- Monitors project execution via project schedules.

Communications

- Represent the organization in communications and documentation pertaining to aspects of assigned engineering tasks.
- Interacts with contractors, clients, and facility operators.
- Possesses effective oral and written communication skills.

Ownership / Growth / Direction

- Develop the ability to work independently with minimal supervision upon assignment of tasks. May require some technical and/or procedural help.
- Continual self-improvement in latest technology and equipment in the industry.
- Continual self-improvement in interpersonal skills and effective oral and written communications.
- Follow Company policies, procedures and work instructions as found on the Company network.

Minimum Qualifications:

- Two years experience with a Consulting Engineering firm or Industrial/Utility environment preferred.
- Bachelor's Degree in Engineering from an ABET accredited program.
- EIT certification preferred.
- Knowledge of electrical power system modeling techniques (i.e. ETAP, SKM, and/or EasyPower)
- Working knowledge of construction techniques
- Ability to effectively obtain, develop and communicate technical information to both clients and customers
- Ability to work efficiently and effectively when managing multiple tasks.
- Effective oral and written communication and excellent interpersonal skills with the ability to work through the resolution of project related issues.
- Must be self-motivated, results oriented, and be flexible to work well under tight schedules in a fast-paced team environment.
- Efficient in the use of MS Office software suite: Outlook, Excel, Word, OneNote, Project and Access.

What H2E offers:

- Competitive Wages
- Health/Dental/Vision Benefits/401k/Profit Sharing
- Flexible Hours
- Holiday, Sick, and Vacation Time
- Opportunity for Advancement
- Amazing Team Environment

How to Apply:

Please review the position posting and respond with cover letter and resume. Including previous work samples as appropriate is highly encouraged. Apply via E-mail to recruiting1@H2Einc.com