



Title of Position
Lead Engineer Water/Wastewater

Team/Department
Engineering

Reports To
Business Staff Manager

Lead Engineer Water/Wastewater

H2E solves problems and does the right thing for municipal clients and team members. The result is world-class electrical engineering, process, and designs. We work with Water, Wastewater, Mining, Light Metals, Hydro Electric, Cement, Aggregates, Utilities, Food Processing, Manufacturing, and Wood Products clients in the US and other countries.

About Your Work:

The Water/Wastewater Lead Engineer applies established engineering principles and methods to prepare plans, specifications, estimates, technical recommendations, and complete project deliverables, while working with and mentoring project team members. The Lead Engineer in this role effectively balances and maintains responsibilities in a variety of infrastructure construction and improvement projects, such as water distribution, wastewater, drainage, storm relief systems, solid waste, and industrial waste streams. The Water/Wastewater Lead Engineer reports to the Business Staff Manager while taking technical direction from the Director of Engineering.

The successful candidates will: possess a broad understanding of automation and power design principles; have experience understanding, applying and modifying public works standard specifications in Washington, Idaho and/or Montana; and will have demonstrated experience working in teams to complete deliverables on time and within budget.

Responsibilities

Technical

- Understand water/wastewater process flows, electrical load analyses and automation system architectures to a degree sufficient to communicate requirements to other team members, with specialized skills in either power or automation
- Conduct studies, estimate quantities and cost of materials, equipment, and labor, to provide project feasibility reports
- Analyze processes and design engineering solutions to optimize efficiencies and reduce environmental impact



- Participate in project planning, oversee the design of projects, prepare contract documents, estimates, specifications, studies, and surveys for design and construction
- Troubleshoot complex systems to design and facilitate effective engineering solutions
- Effectively coordinate with other engineering groups to support complex multi-discipline projects
- Understand and comply with mandated quality and safety regulations and policies

Leadership / H2E & Project Management

- Perform responsibilities in a conscientious, legal, and ethical manner with a strong attention to detail
- Participate in client interviews, preparation of proposals, and business development activities
- Provide direction, and work with staff engineers and other team members in the development of project plans and specifications
- Demonstrate adherence to best practices and H2E processes while mentoring staff engineering and design personnel to do the same
- Effectively balance workload while simultaneously supporting a variety of different projects
- Manage completion of project deliverables to ensure contract requirements are achieved per schedule
- Coordinate assigned projects and activities with municipal departments, utility companies, other engineering consulting firms, developers, and regulating agencies

Communications

- Effectively and consistently communicate with project team members and clients providing updates and progress reports throughout project phases
- Prepare and present reports such as bid proposals, environmental impact statements, or process design descriptions
- Meet with developers, other consultants, and contractors to discuss projects or proposals or to explain and negotiate changes as needed
- Respond to inquiries, complaints, or requests for information from clients or other agencies to provide information and resolves concerns
- Establish and maintain effective working relationships with city officials, employees, contractors, developers, other professionals, and governmental agencies as necessary

Ownership / Growth / Direction

- Take the initiative to think independently and make rational judgment calls
- Work effectively both independently and in a team environment
- Participate in professional organizations and community programs and meetings as appropriate



Lead Engineer Water/Wastewater

Qualifications

- Bachelor of Science Degree in Electrical or Mechanical Engineering, or related degree
- Professional Engineers License or ability to be licensed within 6 months
- 5 years of experience working as an Electrical or Mechanical Engineer in the municipal or wastewater engineering field

Requirements

- Knowledge of engineering principles and practices used in design, construction, and inspection of water/wastewater systems
- Knowledge of State and Federal regulations governing public works projects
- Knowledge of project planning, budgeting, contract administration, and project management techniques
- Proficient in business writing including spelling, grammar, vocabulary, and punctuation
- Ability to gather, organize and compile data into meaningful reports
- Ability to make sound decisions and to articulate the thought process behind those decisions to other professionals using discretion and tact

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. Apply via E-mail to recruiting1@H2Einc.com.