

Landis Consulting

ENGINEERING SERVICES

Junior Electrical Engineer

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Landis Consulting is looking to fill a position for a full-time Junior Electrical Engineer in a relaxed yet professional and demanding office environment. We are a small electrical and control systems consulting engineering firm providing engineering and construction services for municipal wastewater & water facilities, health care facilities, higher education, K-12, and commercial projects.

Character Traits:

- **Thoughtful, creative, and inquisitive by nature** – Somebody who loves learning and is committed to learning and studying for the rest of their life. We generally identify this characteristic by observing other interests and talents, such as computer programming or robotics.
- **Entrepreneurial spirit** – Somebody who understands how to market the firm and build trust with clients. Also, the ability to improve processes and improve productivity. Entrepreneurs are always growing and improving themselves and encouraging those around them. Entrepreneurs challenge and disrupt the status quo. They don't wait passively for others to invent a better way to do things, they take initiative and develop a solution themselves.
- **Self-Motivated** – We are not a firm that believes in micro-managing and “holding hands.” We expect individuals to manage themselves and we provide the freedom to do that. Self-motivated individuals have the discipline and passion to excel at every job.
- **Strong Moral Character** – Trust is hard to earn and easy to lose. An individual must always be capable of being trusted by clients and co-workers. We are stewards of our clients' time and money, and we have an obligation to use their resources efficiently to create value.
- **Responsible** – Engineer of Record is not a term that we use lightly. The Engineer of Record bears the sole responsibility for the performance, constructability, efficiency, cost, and serviceability of their design. Our engineering designs represent a significant investment of capital and time by our clients. We will be preparing a junior engineer to one day serve as the Engineer of Record.

Primary responsibilities:

- Provide design and drawing development of all electrical systems in complex industrial, healthcare, educational and commercial projects. Work will be performed under the supervision of a Principal Engineer of Record.
- Support client interaction and correspondence.
- Develop probable costs of construction.
- Perform field work for remodel projects.
- Perform value engineering.

- Actively coordinate and communicate with Engineers, Architects, Owners, Stakeholders, Contractors, Manufacturer’s Representatives and Suppliers.
- Perform product research and specification writing.
- Assist with construction management, including RFIs, submittal reviews, and observation reports.
- Develop methods for streamlining production and improving accuracy.

Qualifications:

- 0-5 Years of Professional Engineering Experience.
- Working knowledge of the National Electrical Code, NFPA 70E, NFPA 72, NFPA 99, NFPA 101, NFPA 110, NFPA 820 and Oregon Building Codes.
- Working knowledge of electrical products and their installation costs, as well as the “means and methods” used in the construction industry.
- Strong knowledge of other engineering disciplines (architectural, structural, civil, mechanical, process, plumbing, fire protection) as well as their respective products and means and methods.
- Working knowledge of many (but not all) of the following systems and engineering topics: Selective Coordination, Arc Flash Hazard Mitigation, Power Distribution Systems, Medium Voltage Power Distribution, Lighting Design, Low Voltage Communication Networks, Electronic Access Control & Security Systems, Fire Alarm Systems, Programmable Logic Controller and Industrial Control Panel Design, Instrumentation Design, Industrial Motor Control, Hazardous Locations, and SCADA/Telemetry Systems.

Software Proficiencies:

- AutoCAD/AutoCAD MEP/Autodesk Revit.
- Microsoft Office Suite with expert skills in Excel and Word.
- Microsoft Excel and Word VBA (plus)
- Rockwell Automation PLC software (plus)

Landis Consulting offers a competitive benefit package, including medical insurance, paid vacation time, 401(k) program, & profit sharing.

Compensation based on experience / skill level.

Interested candidates should forward their cover letter and resume to Employment@landisconsulting.com

Landis Consulting is an Equal Opportunity Employer.