



Example of Senior Engineer / Electrical Engineer Job Description

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Our company is growing rapidly and is hiring for a senior engineer / electrical engineer. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for senior engineer / electrical engineer

- Prepare material quality takeoffs and engineering estimates
- Provide electrical direction to and collaborate with project engineers, project management and installation staff
- Develop and write design and construction scopes of work
- Develop short circuit, load flow, and arc-flash assessment studies
- Research and prepare detailed back up information for construction cost
- Review supplier drawing submittals, respond to field requests for information and perform technical bid analysis implement TSSC Safety and Quality programs into design work
- Prepare detailed calculations, drawings, technical specifications, design and installation packages, proposal evaluations, technical reports, detailed analyses
- Some travel in the continental United States, Alaska, Hawaii, and Territories of the US for site surveys, inspections, and meetings may be required

Qualifications for senior engineer / electrical engineer

- Minimum 2 year engineering experience (related academic experience will be considered)
- Write detailed design documentation, including specifications and verification plans
- Perform other electrical engineering duties as-needed

conditioning, and communication interfaces

- Experience with schematic capture tools (OrCAD preferred)
- Medium to large multi-unit hydroelectric power generation facilities including spillway, intake & powerhouses