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# Example of Principal Project Engineer Job Description

Our company is looking to fill the role of principal project engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don’t fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for principal project engineer

* Provide project coordination of cross-functional software engineering development teams
* Develops work package structure, leads creation of cost, integrated schedules and milestones for software components
* Create and present program reviews and other presentations as required
* Ensure product satisfies technical and performance requirements
* Act as a liaison between customers, engineering, and other non-engineering functional groups such as product integrity, quality, systems engineering
* Support Process Improvement, drive CMMI high maturity practices
* Customer interaction is a must and the candidate will work with an experienced and knowledgeable customer team and internal team
* Lead and support cost and weight reduction initiatives with suppliers while ensuring product integrity
* Define and lead problem solving processes successfully, even with limited resources and information
* Provide significant technical contributions essential to the successful completion of projects

## Qualifications for principal project engineer

* PE highly desired
* Experience with data networks
* 15+ years of related work experience in the planning and implementation of wireless communication projects, including significant experience with RF projects for transit communication systems involving a large group of Engineers, Designers, and technical support personnel
* Candidate must possess a working knowledge of utility best practices, Civil Engineering codes – NJIBC, ACI & AISC Standards
* Experience with Cost Engineering concepts (project estimating, forecasting, cost controls and variance reporting)
* Bachelor’s Degree in Engineering or equivalent experience directly related to substation design, engineering and construction