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# Example of Principal Electrical Job Description

Our innovative and growing company is searching for experienced candidates for the position of principal electrical. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for principal electrical

* Tender and bid winning support including outline design schemes, feasibility studies, production and evaluation of concepts
* Resolution of technical project, construction and design issues, incidents, defects and failures
* Site visits, surveys and inspections, reporting and advising on SHE issues
* Extensive experience at voltages up to 132kV is essential and and experience to at least 400kV would be an advantage
* Lead major projects, or phases of projects, to resolve advanced and complex technical problems
* Review customer EMI/EMC requirements
* Conduct analysis to determine compatibility of components, subsystems and systems
* Identify potential design issues and provide solution options
* Provide EMC design strategy to electrical and mechanical design teams
* Determine the need for transient protection for electromagnetic threats including power surges and lightning induced currents

## Qualifications for principal electrical

* Experience in line management or team management preferable
* Knowledge and understanding of engineering practices, techniques and procedures and interfaces with design team and client needs
* Understanding of design principles and ability to practically apply them and tailor them to new challenges
* Candidates must be Degree qualified in Electrical Engineering
* A chartered engineer or close to chartership
* Proven track record in leading multi-disciplinary design projects