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# Example of Utility Engineer Job Description

Our company is looking to fill the role of utility engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for utility engineer

* Develop conceptual designs for reliable, lower cost of ownership utilities
* Identify and work with equipment vendors, detailed designers and operations team to actualize designs (go from blank page concept to basis of design, to system specification)
* Pipeline design including trenchless rehabilitation and trenchless installation design
* Storm water Best Management Practice (BMP) planning and design
* Discuss technical and commercial subjects with customers based on strong communication and presentation skills (both verbal and written)
* Understand utility business issues and drivers
* Understanding of electric utility delivery system operations, such as distribution network, substation system, protection and control operation, associated regulatory requirements
* Study and develop highly complex business/engineering/system solutions of electrical system and conduct independent studies and research encompassing advanced analytical techniques
* Supports plant, corporate and contract resources to ensure that compliance projects get developed and submitted in a timely manner
* Reviews scope documents (Technical Briefs) for less complex project with the purpose of ensuring the scope is complete and will deliver the intended outcome

## Qualifications for utility engineer

* Demonstrated ability to document and build GIS workflows
* Creative problem solver and a team player
* Strong problem-solving skills for understanding root cause of technical issues
* Bachelor's in geography, computer science, or related field (master’s preferred)
* Experience working with ArcGIS and enterprise databases (Oracle, SQL Server)
* Programming experience with JavaScript, Python, .NET, C++, QT, Java, Objective C