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# Example of Civil Design Job Description

Our company is growing rapidly and is looking for a civil design. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for civil design

* Conducts, plans, schedules, or coordinates civil engineering work
* Under direction of the design lead
* Relevant technical skills for the water industry - pipeline hydraulics, civil engineering design, construction techniques, understanding of other engineering disciplines
* Good knowledge about all applicable Civil design Codes , Wind/Seismic criterion
* 20+ years of total engineering and design experience on large airport programs including design management
* BS in Engineering or Architecture required
* Proficiency in overseeing complex alternative delivery procurement methods, such as design-build or fast track construction, startups and close outs
* P.E., Registered Engineer or international equivalent
* Must have experience on large airport design programs and previous experience as an Engineering Manager on Aviation programs
* Design infrastructure earthworks, roads, drainage, wastewater collection and treatment, and underground utilities

## Qualifications for civil design

* Bachelor’s degree in Civil or Environmental Engineering with an emphasis in water/wastewater or other related field required
* Must have strong design and computer skills, enjoy self-directed learning, have an enthusiastic and energetic attitude towards solving engineering problems, and take pride in their role in producing high quality deliverables for clients
* Bachelors of Science in Civil Engineering is required
* At least 4 years experience in civil/highway design is required
* NYEDC / NYCDDC / NYCDOT / NYSDOT / NYS Thruway Authority / PANY&NJ experience preferred
* Work closely with other staff in other departments that may not be within the same office