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# Example of Bridge Design Job Description

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

## Responsibilities for bridge design

* Observe and assist with developing details of work in making preliminary selections and adaptations of engineering alternatives
* Assist with the development of drawings and visual aids
* Work under supervision of a project manager, senior-level team member or task manager
* Assist project managers or senior engineers with task production
* Assist in maintaining project documentation
* Perform engineering calculations, structural analysis and prepare CADD drawings as needed
* Other duties as may be assigned to meet business needs
* Independently develops and/or supervises the creation of bridge design products that meet customer quality requirements
* Typical work may include detailed calculations, drawings, procurement documents, design and installation packages, proposal evaluations, technical reports, and detailed analyses
* Typical work may include preparing engineering computations, structural drawings, material quantity takeoffs, estimates and technical reports

## Qualifications for bridge design

* A strong background in bridge engineering and business development with a verifiable track record of winning and executing large complex bridge projects in the NYC area and NY State with a construction value greater than $100M
* Experience leading a bridge practice with sales and financial responsibilities
* Established relationships with public sector clients in the New York City area
* Experience with various forms of alternative delivery (design-build and PPP) and established relationship with contractors is desirable
* Self-starter with the ability to address multiple priorities and consistently meet deadlines
* Strong leadership skills with the ability to challenge and confront and lead through “influence”