

Structural Engineer - Industrial Clients

Education

- Four-year degree in Structural Engineering or Structural Engineering technology
- Practical working experience in the structural design field
- Professional Engineering (P.E.) license would be a plus but not required

Experience

- Minimum of 5 -10 years of experience in the structural design field
- Minimum of 2 – 5 years of experience with a consulting engineering firm

Salary

- Negotiable and commensurate with applicable experience

Responsibilities

The applicant must have the ability to communicate with clients to identify their needs and work with them to find solutions. The applicant must have the ability to generate the design and calculations necessary to implement the agreed upon solutions. The successful applicant should be able to direct drafting personnel to create a construction package. The applicant must have the ability to work within a project team as well as direct and check the work of others.

The following are desired job skills and responsibilities:

- Working knowledge of structural design programs is required
- Conduct on-site surveys to establish and document accurate field conditions
- Conduct client meetings and to confirm client requirements and expectations
- Work with clients to develop detailed scope of projects
- Direct drafting personnel to develop project documents and check their work
- Ability to perform own drafting when necessary is desirable
- Coordinate activities with other departments
- Develop construction documents, scopes, schedules, etc., for construction projects
- Develop engineering and construction probable cost estimates
- Develop engineering scopes after helping client determine project requirements
- Monitor construction activities to assure compliance with design documents
- Engineering experience in commercial buildings including knowledge of building construction materials, general connection types used in construction, brace & moment frame design is a plus
- Knowledge of construction estimating would be a plus, but not required
- Proficiency with Microsoft Word and Excel