

Project Associates, Inc.

Job Description: Senior Civil / Structural Engineer

Project Associates is a multi-disciplined full-service consulting engineering design firm. Our clients are mainly in the heavy industrial & manufacturing, power & energy and utilities sectors.

We are currently looking for a Senior Civil/Structural Engineer. The position requires a thorough knowledge of civil/structural engineering techniques as achieved through technical studies and/or on the job training. Candidate is responsible to plan and conduct independent work requiring judgment in the evaluation, selection, application and adaptation of engineering techniques, procedures, and criteria. The candidate should possess the ability to devise new approaches to problems, review and provide drafting designer support to make necessary drawings and modifications. In addition, the candidate will be versed in developing specifications, calculations, charts, and monitor work for compliance to applicable codes, and accepted engineering practices.

Civil/Structural Engineer Responsibilities

Responsibilities will include but not be limited to the following:

- Perform structural design and analysis calculations using governing codes and standards, engineering formulas, skills, and experience.
- Civil/Structural engineering plans, design, and layout.
- Civil/Structural project specifications. Coordinate work with other disciplines such as architectural, mechanical, electrical, etc.
- Review shop drawings
- Develop designs sketches at a minimum to incorporate in drawings by Designers/Drafters. May direct and supervise other Designers/Drafters activities.
- Provide engineering support to all internal PA divisions as requested.
- Work directly with clients for project development and
- Develop probable construction cost estimates for his/her projects within the department.
- Use computer-assisted engineering and design software and equipment to prepare engineering design documents.
- Attend and participate in Client meetings.
- Maintains communication with Project Manager regarding technical issues.
- Perform field activities such as observing and recording existing field conditions, taking, and verify measurements within project area.
- Excellent teamwork skills
- Effective at handling multiple tasks

Qualifications:

- Bachelor's degree in Civil/Structural Engineering
- PE / SE license a plus
- Ten (10) or more years work experience performing Design work.

Preferred Skills and Special Requirements

- StaadPro or equivalent finite element analysis software.
- Working knowledge of Auto Cad or other drafting software.
- Excellent computer skills in Microsoft Suite.
- Excellent verbal and written communication skills
- Candidate is willing to go to client jobsites and perform duties/tasks on site for limited time periods if required