

## **Structural Engineer Senior Project Manager (P.E. License Required)**

**Location: Cranbury, NJ**

Whitman is looking to hire an experienced Structural Engineer Senior Project Manager with 7 to 10 years of experience to work in our Cranbury, NJ office. The successful candidate shall be expected to provide structural engineering services for a variety of structure types and tasks. This includes new buildings, renovation of existing buildings and support of equipment. The candidate will be required to work with clients to develop the structural engineering needs of projects, including system selection, and offer opinions to the relative cost of construction for the various structural systems that may be under consideration for a project. In addition, the candidate shall be expected to write proposals, attend client meetings, prepare invoices and perform business development activities.

New Jersey Professional Engineering (PE) license is a requirement. Proficiency in the use of structural engineering software (e.g. RISA-3D or RAM and Enercalc), as well as AutoCAD and/or REVIT is a requirement. Minimum work experience of 7 to 10 years required.

### **Responsibilities:**

- The candidate shall be expected to write proposals, communicate with clients, attend client meetings, prepare invoices and perform business development activities.
- Serve as project manager/coordinator/mentor for staff of structural engineers.
- Work with clients to develop the project's structural engineering needs including structural system selection and offer opinions to the relative cost of construction for the various structural systems that may be under consideration for a project.
- Coordinate with the client's design team, and other engineering disciplines, in the preparation of structural documents for coordination/review, permit, bid, and construction.
- Responsible for the on-time delivery of quality documents (drawings, calculations, etc.) that meet a client's needs for the specific project.
- Conduct field investigations to document existing conditions. This may require the use of scaffolding, man lifts and ladders.
- Conduct research of building codes and review existing structural drawings.
- Develop analysis of existing structures and design of structures based upon field notes and research findings.
- Be available to travel for work, approximately 3 to 5 days per month usually in the northeast US.

### **Requirements:**

- Bachelor's degree in civil (structural) engineering with 7 to 10 years of project experience as a structural engineer required.
- New Jersey Professional Engineering (PE) license is required. Licensure in the states of Pennsylvania and New York (or the ability to obtain) is a plus.
- Must possess a sound working knowledge of building codes, building design and construction, modern construction materials and methods. This includes design of steel, concrete and wood structures.
- Must be capable of working individually and within a multi-discipline team environment.
- Must have good research, documentation, and record keeping skills.
- Must have strong verbal and technical writing skills and be able to present reports and presentations.
- Must possess excellent communication skills and the ability to exercise diplomacy conducive to working with clients.
- Must possess the ability to carry a project from design-development to detailed design and through construction.

- Must be proficient in the use of structural engineering software (e.g. RISA-3D or RAM and Enercalc), as well as AutoCad and/or REVIT.
- Past project base in the educational, commercial, residential, entertainment, retail, healthcare, pharmaceutical/biotech, chemical, or industrial industry sectors a plus.
- Active involvement in industry-related societies a plus.

**About Whitman:**

Whitman is a full-service environmental, engineering, energy, waste management and EH&S compliance consulting firm with our headquarters located in Cranbury, New Jersey. At Whitman you will find a positive and rewarding work environment, career challenges, and the opportunity to expand your knowledge of your field. We realize the value of hard work and commitment. That's why at Whitman, your extra effort is always noticed. Because we are a medium-sized firm, our staff works directly with the principals of the company and learns from their knowledge and experience. For some, they act as mentors and guide careers as they progress. All Whitman professional staff are given on the job training for new skills and are encouraged to attend professional seminars and to participate in the professional societies relating to the areas of their special skills. Whitman provides employment consideration to all applicants without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation or gender. **For more information, visit [www.whitmanco.com](http://www.whitmanco.com).**

Please forward resumes to [jobs@whitmanco.com](mailto:jobs@whitmanco.com)