

Senior Structural Engineer

QUALIFICATIONS:

Design structural and building system components of complex structures and facilities across a number of industries including food process, industrial and agricultural bulk storage, biofuels, and agricultural processing industries. Develop and prepare construction documents and specifications for assigned projects. Evaluate existing facilities for conformance to current building codes and requirements of their respective industries. Duties will include developing layouts and details of all aspects of the building system. Coordinating with other disciplines and staff to ensure functional facility designs. Direct CAD staff in preparation of documents. Candidate may be asked to perform as lead on certain projects. Knowledge of ACI, AISC, PCI, ASCE, NFPA & IBC codes and standards are essential to perform this position. Knowledge of cold storage and low temperature buildings and bulk storage/material handling systems design is a strong plus. **A minimum of 5 years experience and Registration as a professional engineer is required** and the ability to become registered as a professional engineer in various jurisdictions as projects require. Preference will be given to those with ABET Degree and those with advanced credentials. Some background in construction or agriculture is helpful. Some travel will be required. Key elements of the position include:

- Knowledge of Autodesk Revit and AutoCAD software
- Knowledge of material handling and agricultural processing facility layout, meat processing, rendering, bulk storage and other similar facility types.
- Knowledge of building envelopes and roofing systems, including cold storage.
- Knowledge of structural design of concrete, masonry, timber, cold formed steel, and tanks and silos for storage of granular/liquids
- Knowledge of NFPA and IBC standards related to Agri-Industrial facility design.
- Able to work independently.
- Knowledgeable of building applications, construction methods and relevant building codes
- Functional knowledge of Excel, Word, or other office type software.

JOB DUTIES:

Requires interaction and coordination with other design disciplines to complete design tasks. Must occasionally travel to client sites for gathering information and measurements of existing facilities. Must be able to troubleshoot computer software problems when they arise. The above description shall not be construed as a complete listing of all miscellaneous, incidental or similar duties which may be required from day to day.

Although the work is performed within an office environment, there are occasional site visits that require ladder, stair and scaffold climbing in manufacturing and/or process structures as high as 150 ft tall. Must be able to respond to both audible and visible plant alarms. Must be able to tolerate seasonal extremes in temperature or humidity on site visits. May occasionally require working near hazardous equipment and machinery and exposure to noise, dust, gas or fumes during site visits; must wear PPE, including fall protection harness at times and these items, along with routine safety training will be provided.

Our employees are valued and an integral part of our business. We offer a flexible, team-based environment, competitive wages/benefits and opportunities for advancement.

Job Type: Full-time

Pay: Competitive and commensurate with experience and education. Profit sharing and retirement plan after vesting period.

Application Questions:

We have requested that Indeed ask candidates the following questions:

- How many years of STEngineering experience do you have?
- What is the highest level of education you have completed?
- Are you authorized to work in the following country: United States?
- How is your previous experience relevant to this role?
- When are you available for an interview or phone screen? Please list 2-3 dates and times or ranges of times.