

Job Description: Structural Engineer

Position requires thorough knowledge of civil/structural design and engineering techniques. Responsible to plan and conduct independent work requiring judgment in the evaluation, selection, application and adaptation of engineering techniques, procedures and criteria. Devise new approaches to problems, and prepare or modify drawings, specifications, calculations, charts and graphs, and monitor work for compliance to applicable codes, accepted engineering practices.

Typical Duties:

Typical duties will include but not be limited to the preparation and/or modification of the following:

- Civil/Structural engineering calculations.
- Civil/Structural engineering plans, design, and layout.
- Civil/Structural project specifications.
- Civil/Structural engineering portion of project proposals.
- Civil/Structural engineering portion of project cost estimates.

Essential Functions:

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.
- Layout and details portions of projects using schematic layout by project lead engineer. May be assigned responsibility for schematic or conceptual layouts when qualified.
- Provide drawing for own designs and produce sketches to incorporate in drawings by Designers/Drafters.
- Research design options and document findings for project lead engineer.
- Review shop drawings.
- Assume the lead engineer's role on assigned projects.
- May serve as Project Engineer and as a designated Client contact on smaller, less complex projects.
- Develop probable construction cost estimates for his/her projects within the department.
- May direct and supervise other Designers/Drafters activities.
- Coordinate work with other disciplines such as architectural, mechanical, electrical, etc.
- Handle routine contract administration.
- Use computer-assisted engineering and design software and equipment to prepare engineering design documents.
- Attend and participate in Client meetings.
- Perform field activities such as observe and record existing field conditions, take and verify measurements within project area.
- Organize, draft, and coordinate technical documents.
- Capable and experienced in managing and performing projects in a fast paced environment.

Education/Experience:

- Bachelor of Science degree in Civil Engineering, and 0-2 years of experience with knowledge in civil and/or structural engineering, obtainable usually through a combination of experience and continuing education; or
- Master of Science degree in Civil Engineering, and 0-1 years of experience with advanced technical knowledge in civil and/or structural engineering, obtainable usually through a combination of experience and continuing education; or
- Equivalent combination of education, training and experience.

Skills and Special Requirements/Licensing:

- StaadPro or equivalent finite element analysis software.
- Working knowledge of Auto Cad or other drafting software.
- Excellent computer skills in Microsoft Suite.

Company Profile:

STDS is an initiative to provide quality Design and Project Management Services in Infrastructure Development. We are a small firm with currently less than 10 employees. At **STDS** we believe in socio-economic optimization of projects to promote sustainable growth. Our out of the box design approach, innovative solutions and strict adherence to time schedule distinguishes **STDS** from the rest.

www.smarttechds.com

Email: careers@smarttechds.com

Please submit your Resume in Word Format (.doc) with embedded color photo (.jpeg) to email address given above. Please ensure that your qualifications and experiences meet the requirements stated above. Interviews will be held at our Gurgaon office or on telephone. Only short-listed applicants will be called for interview. Please mention the expected salary along with possible date of joining.