



Senior Structural Engineer Job Description

Company:

Bron Ltd. (BRON) is an innovative and progressive multinational, interdisciplinary development consulting group of technical and business professionals. BRON Business Center for innovation is based in Nassau, The Bahamas.

Job Summary:

BRON is seeking a highly skilled and strategic **Senior Structural Engineer (SSE)** to lead and support the company's Structural Engineering team. This role is responsible for delivering advanced structural engineering solutions, overseeing project design quality, developing technical standards, and driving innovation within the discipline.

The Senior Structural Engineer leads project teams, manages complex structural design packages, communicates directly with clients and key stakeholders, serves as a primary technical expert for clients, and contributes significantly to BRON's engineering policies, design standards, and best practices. This role reports directly to the Associate Principal of Structures and acts as a senior-level team lead within the discipline.

Key Responsibilities

Technical Expertise & Design Leadership

- Lead and execute complex structural design and analysis using advanced methods, governing codes, modelling tools, and engineering expertise.
- Develop, enhance, and maintain structural design criteria manuals, standard drawings, specifications, and discipline guidelines.
- Conduct technical reviews and approvals of engineering calculations, drawings, reports, and construction documents produced by junior and intermediate engineers.
- Provide expert-level guidance on design alternatives, structural systems, construction materials, and structural performance.
- Lead and oversee the preparation of drawings, sketches, modeling outputs, and 3D design coordination for major structural works. On occasion, assist and pre
- Provide engineering oversight during construction, including site inspections, structural assessments, and resolution of field issues.

Project Leadership & Delivery

- Serve as the Structural Lead, Project Engineer and/or Project Manager on medium to large-scale projects, ensuring technical accuracy, quality, and schedule adherence.
- Act as primary structural point-of-contact for clients, regulatory bodies, and project partners on assigned projects.
- Participate with multidisciplinary coordination with architecture, civil, mechanical, electrical, environmental, and other related disciplines.
- Prepare and review cost estimates, schedules, construction packages, and technical proposals.
- Manage contract administration activities, including RFIs, submittals, technical clarifications, design revisions, and change order reviews.
- Ensure all structural deliverables meet BRON's quality standards and technical requirements.



Team Management & Staff Development

- Supervise, mentor, and train structural engineers, designers, and drafters, ensuring continuous technical development and knowledge sharing.
- Assign work, manage the discipline's day-to-day operations, and coordinate project resourcing and workload forecasts.
- Support adherence to company processes and project workflows.
- Conduct performance evaluations, provide coaching, and contribute to professional growth plans for direct reports.
- Lead internal skill-building initiatives, including new technologies, engineering methods, and advanced modeling or analysis tools.

Strategic, Quality & Client Engagement

- Contribute to the development of engineering policies, practices, and long-term discipline improvement strategies.
- Participate in and lead client meetings, presentations, design workshops, and technical negotiations.
- Ensure structural engineering practices align with local and international codes, industry advancements, and BRON's innovation goals.
- Organize, draft, and oversee key technical documents, reports, design narratives, and technical submissions.
- Support business development efforts, including proposal writing, scope development, and client relationship management.

Qualifications & Requirements

- Bachelor of Science in Civil or Structural Engineering; Master's degree preferred.
- Minimum 8–12 years of progressive experience in structural engineering, with proven expertise in building structures. Experience in multi-disciplinary building is a plus.
- Professional Engineering (P.E./P.Eng.) license or eligibility is strongly preferred.
- Advanced proficiency in structural design and modeling software (e.g., AutoCAD, ETABS, SAFE, STAAD, Revit).
- Demonstrated experience leading engineering teams and managing medium to large-scale projects.
- Excellent knowledge of structural codes, standards, materials, and industry best practices.
- Strong ability to manage time, budgets, competing priorities, and complex project deadlines.
- Exceptional communication skills, with the ability to present ideas clearly to clients and internal teams.
- Strong client-facing experience with the ability to represent BRON professionally and effectively.
- Expertise in stress analysis, structural performance modelling, and advanced analytical methods.
- Proven ability to prepare, oversee, and manage design packages and technical deliverables.
- Ability to lead teams in a fast-paced consulting environment and adapt to evolving project requirements.

Salary: Commensurate with experience.