
JOB DESCRIPTION

Position: Intermediate Structural Engineer

Location: Auckland

Reporting to: Structural Team Leader

Purpose

To contribute to the success of EDC in achieving its business and strategic goals by assisting the Structural Team Leader to deliver high quality professional consulting services to clients ensuring consistent levels of satisfaction, repeat business and opportunities for new business.

Working as part of a professional team, to supervise and perform day to day structural engineering design and supervision responsibilities. Provide quality advice and checking of other engineers and consultants' designs, as well as adopting best in-house design standards and engineering practices.

Key tasks

1. Technical

- Structural engineering design and documentation including preparation of structural design briefs;
- General structural consulting engineering works including construction monitoring, site inspections, investigation, testing and measuring and preparation of site inspection reports;
- Co-ordinating projects with other members of staff;
- Preparation of construction tender documents;
- Prepare fee proposals and tenders for work;
- Preparation of pre-purchase property / structural and unauthorised building works reports;
- Preparation of insurance reports on structural damage;
- Review and consolidate existing EDC structural systems, including specifications, software and design standards.

2. Business Development

- Client liaison, marketing and networking to ensure client satisfaction, repeat business and identification of new opportunities in the market;
- Liaison with geotechnical, civil and fire engineering areas of the business to provide a total service solution to clients.

3. Quality

- To ensure that all work undertaken and behaviour exhibited is in accordance with appropriate professional and technical standards and in accordance with Engineering New Zealand Code of Ethical Conduct and AS/NZS Standards;
- Maintain up to date knowledge of guidelines, technical standards, legislation and codes of practice relevant to Structural Engineering practice in New Zealand;

- Assist Senior Structural Engineers with training and mentoring of more junior staff.

4. General

- General office duties as required;
- Possible travel around New Zealand including visits to Christchurch and to work in the Christchurch office for periods of up to 1 week;
- Any other duties the Employer may reasonably require the Employee to perform.

Functional Relationships

Internal: Directors
Structural Team Leader
Other Engineers including Geotechnical and Environmental/Civil Engineers

External: Clients and contractors

Person Specification

Qualifications

- A tertiary qualification in structural engineering;
- Chartered or working towards Chartered Professional (CPEng).

Experience

- Minimum of 3 or 4 years professional experience in structural engineering in NZ preferred;
- Experience in design with steel, concrete, timber and masonry structures.

Skills/Knowledge

- A track record in structural engineering assessments and designs across a variety of projects;
- Hard working with good time management skills and ability to meet deadlines;
- Experience with briefing draughting staff and checking their work;
- Excellent written and oral communication skills;
- Good working knowledge of computers and relevant technical software;
- Full clean NZ drivers licence.

Personal Attributes

- Ability to build and maintain relationships, both internally and externally;
- Aptitude to learn new tools / software as required;
- Desire to maintain professional knowledge through up skilling and on-going training and/or development;
- Excellent inter-personal skills to collaboratively work and contribute within the team on projects;
- Self-motivated with the ability to lead a team.