



## **Job Description**

### **SENIOR BUILDING SCIENCE ENGINEER**

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#### **Who We Are**

Founded in 2016 as “Method Engineering and Building Services”, we set out to do things differently and that vision remains unchanged with our rebrand to “Metachro Engineering and Construction Management Ltd.” (Metachro). What started as two people helping clients navigate their engineering projects has grown into a dedicated team with an even stronger client-focused approach. We are known for our professionalism, accuracy, and commitment to building lasting relationships. We offer expert support across a diverse range of clients including Architects, Designers, Strata, Owners, Developers, Contractors, Warranty Providers, Adjusters, and other Engineers.

Quality is our priority - “good enough” is not in our vocabulary. We believe in precision, excellence and ensuring our clients feel heard, valued, and supported at every stage. Challenges do not intimidate us, they motivate us. We thrive on solving complex problems, thinking critically, and pushing boundaries. If a project seems too complicated, that is exactly the kind of challenge we want to take on.

#### **Position Summary:**

As a key leader within Metachro the **Senior Building Science Engineer** plays a pivotal role in driving technical excellence, client success, and business growth. Reporting directly to the President, you will take ownership of complex engineering projects, guide strategic initiatives, and mentor the next generation of leaders. With in-depth knowledge of the BC Building Code, advanced problem-solving skills, and a hands-on approach, you will ensure the delivery of high-quality, compliant, and innovative solutions. In addition to leading projects, you will be a trusted advisor to clients, a key contributor to business development, and an influential voice in operational and strategic decision-making.

#### **Responsibilities:**

**Project Leadership and Execution:** Lead complex engineering projects, oversee assessments, and ensure they are running smoothly. From site work to technical oversight, you will be hands-on, climbing scaffolding, squeezing into crawl spaces, and ensuring quality at every stage

**Client and Relationship Management:** Work directly with clients to identify services, write proposals, secure contracts, and ensure their expectations are being met, or better yet, exceeded.

**Project Oversight:** Manage project budgets, timelines, and key project milestones while ensuring efficiency and alignment with company goals.

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**Process Improvement:** Play a key role in refining workflows and enhancing operational efficiencies while ensuring the consistent delivery of top-tier quality.

**Leadership and Team Development:** Mentor and develop junior staff while identifying future hiring needs to strengthen the team.

**Business Strategy and Innovation:** Assist with identifying new opportunities, expanding and refining our existing services, and exploring potential expansions into new sectors.

### **Areas of Expertise:**

As the Senior Building Science Engineer you will be participating in all aspects of our engineering work including:

**Building Science:** Conduct assessments, forensics, design, field reviews, and legal support for a wide range of building science projects.

**Energy Services:** Contribute to Metachro's growing energy division. We are an NRCan licenced Service Organization with in-house expertise including Energy Advisors, a Certified Passive House Designer, and a Certified Passive House Tradesperson. We recently launched *Isle Energy Consulting (IEC)*, focused on Part 9 energy projects. Expanding our Part 3 energy services while supporting IEC would be beneficial.

**Project Management:** Ensure client interests are prioritized and their project workloads are minimized. Many of our projects involve cradle to grave management including securing trades, municipal coordination, contract administration, scheduling, quality assurance, budget tracking, and project close out.

### **Required Qualifications and Experience:**

- Bachelor's degree in Civil or Mechanical Engineering with a focus on Building Science.
- Registered Professional Engineer (P.Eng.) registered with EGBC.
- Minimum 10 years of related professional experience with in-depth knowledge of the BC Building Code.
- Proven experience mentoring and coaching junior employees.
- Technically sound in building science principles with significant experience in the full range of building envelope assemblies.

### **Skills and Abilities:**

- Excellent verbal and written communication skills with the ability to tailor messaging to diverse audiences. We frequently work with strata's so the ability to attend after-hours meetings and present to groups of owners is required.
- A strong work ethic with the ability to work independently while mentoring and supporting junior staff.
- A passion for collaborating with others and a commitment to delivering high-quality work where even the smallest details matter.
- Positive, professional demeanour with a problem-solving mindset and willingness to think differently to find better solutions.

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- Ongoing desire to learn. We prioritize staff development and actively support ongoing improvement for all staff, including senior staff.

### **Our core values need to speak to you:**

- **Client First:** All of our actions are done with the client's best interests first. Final deliverables and client satisfaction are more important than revenue and profit. Metachro will always do what is right. We are known as a company who is honest, fair, and trustworthy.
- **Own It:** Staff are required to treat every task like it is their own and to bring it to a successful completion. The smallest details matter. Close enough is not in our vocabulary.
- **Support The Team:** We do not have a large staff resource pool, so we all look out for one other and are always there to support a staff member when needed. Successes and failures are a direct result of everyone's efforts, so it is in our best interest to support each other to provide the best service to our clients. We are selfless and put the team's interests ahead of our personal interests.
- **Collaborative Solutions:** We understand that there are many factors (i.e. engineering, costs, schedules, appearances, skills) that need to be considered for a project to be successful. We always listen to the needs and wants of other team members to try and find solutions that provide the best possible outcome. We are open to listening and work with, not against, others to achieve success. This is true internally and with the various trades, professionals, and others that we work with on our projects.

The work at Metachro is challenging, engaging, and ever-changing. There will be opportunities to expand your impact and contribution at Metachro. We offer a competitive salary and benefit package that will reflect your experience and qualifications.