

## SENIOR PROJECT ENGINEER/MANAGER of PROJECTS (Vancouver, BC)

### **Work on game-changing technology. Make a difference. Run great projects.**

Nothing feels better than a completed, well-run project. Except perhaps when you also get to work on processes that provide the mining industry with advanced water treatment solutions - developing and managing projects in an environmentally responsible manner. Contribute to environmental protection, by helping mining companies meet stringent water quality regulations cost effectively, recover value from waste, and minimize waste residues. We design, build, commission, and operate water treatment plants and provide ongoing technical support, enabling us to continuously improve our proprietary designs.

### **The opportunity**

Be part of the team that develops new technologies, and designs and builds water treatment plants. Reporting to the VP Projects, the Senior Project Engineer / Manager of Projects has the freedom to run a project the way you know a project ought to be run. You'll do the following:

- Manage the entire project lifecycle from concept to completion: supporting sales proposals, feasibility studies, engineering, procurement, delivery and commissioning of water treatment systems at customer sites in Canada and around the world
- Project planning: defining project scope, estimating and scheduling resource requirements, developing project schedules, milestones, budgets, procurement and execution plans for projects ranging from \$500k to \$40M installed cost
- Project proposals and sales support: write proposals, meet with customers to present and align on project objectives and scope, assist sales group in reviewing and tracking opportunities
- Project execution: preparing RFQs and bid comparisons, carrying out procurement and expediting, managing staff resources and third-party contractors, and overseeing delivery and installation of treatment systems
- Project monitoring and control: quality checks, cost control & documentation management, and ensuring adherence to systems and standards
- Conduct post-project evaluations to capture and communicate lessons learned, and continuously improve systems, processes and tools
- Establish a clear understanding of BQE Water's process technologies – we make complex water chemistry appear easy
- Maintain effective relationships with internal and external stakeholders including engineering staff, other BQE Water departments, customers, suppliers and third-party contractors
- Write, review and edit technical documentation
- Mentor engineering and projects group staff
- Be based in Vancouver with occasional travel to project sites around the world – about a week every 1-2 months, but occasional trips up to 2-3 weeks may be required

## Qualifications and Requirements

- Degree in engineering, preferably in chemical, materials, mechanical, hydrometallurgy or mineral processing
- 5+ years of experience as a Project Engineer and/or Project Manager, as well as 5+ years of engineering design experience on multidisciplinary, heavy industry projects such as chemical processing, wastewater treatment, mineral/hydrometallurgical processing, oil & gas or pulp & paper
- Broad knowledge of plant design built from your field experience; encompassing conceptual design through to plant commissioning, start-up and operations
- Demonstrated ability to organize, plan, execute and complete multi-disciplinary projects of various sizes (bonus points if you have experience as a PE on projects ~500k-40M)
- Experience writing RFQs, proposals, project execution plans, scope documents, etc.
- Familiar with construction processes, commissioning and plant operation requirements
- Experience engineering pilot plants, facilities, and/or commercializing technology is an asset
- Demonstrated ability to do more than one thing well – it's not left to someone else
- Can-do attitude – you always find a way to make things work
- Self-motivated and have a sense of urgency – you get things done
- Ability to work both independently and as a collaborative member of a team
- Effective problem-solving and time management skills, wearing multiple hats as needed
- You solicit, and act on input from chemists, engineers, operators, clients and suppliers
- Attention to detail and ownership; take responsibility for everyone “getting it right”
- Project engineering/project management experience in a process engineering team environment
- Safety conscious - you proactively identify risks, participate in safety audits and inspections, observe and execute safety practices and rules in the workplace
- Registration or ability to register with EGBC
- Travel within North America and internationally, as needed
- Process engineering experience is an asset, but not required
- Additional language fluency is an asset, but not required, especially Spanish, Mandarin or French

## About us

BQE Water is a service provider specializing in mine water treatment and management solutions that support and improve the performance of mining and smelting operations. We have been in commercial production since 2001 and have designed and constructed 22 water treatment plants at locations around the world. On average BQE Water treats 20 million m<sup>3</sup> of wastewater and recovers 1,800 tonnes of metals of value annually. Visit [www.bqewater.com](http://www.bqewater.com) to learn more about what we do.

## Want to run great projects?

Please send us your cover letter and resume to [hr@bqewater.com](mailto:hr@bqewater.com) with “Sr. Project Engineer / Manager of Projects” in the subject line. We'll contact you if it looks like this is the right opportunity for you.