

ENGINEERING CO-OP – COST DATABASE (Vancouver, BC)

Contribute to environmental protection

BQE Water is a service provider specializing in mine water treatment and management that support and improve the performance of mining and smelting operations. We provide the mining industry with advanced solutions to develop and manage their projects in an environmentally responsible manner.

Since 2001, we have designed and constructed 19 water treatment plants at project sites around the world. And on average BQE Water treats 20 million m³ of wastewater and recovers 1,800 tonnes of metals of value annually. Visit www.bqewater.com to learn more about what we do.

The opportunity

Based at our office in downtown Vancouver, you will be working with our Projects and Engineering teams to update an estimating tool which BQE Water uses to generate preliminary water treatment plant cost estimates. You will report to the Vice President, Projects and be responsible for:

- Analyzing and organizing historical equipment quotations
- Extracting relevant data from quotations into a database
- Analyzing data for trends that can be used to define equipment price formulas
- Designing a user-friendly interface so engineers and sales team can easily find estimates, and easily expand the data set with additional quotations
- Creating and/or linking formulas with BQE Water's existing process models to generate plant equipment and capital costs
- Updating/writing Standard Operating Procedures (SOPs) for the estimating tool
- Communicating SOPs and train user groups

Qualifications

- Minimum second year UBC Engineering student or demonstrated aptitude and experience
- Intermediate/advanced level knowledge of Excel – you can write macros, VLookups, complex "IF" formulas, link data to existing formulas
- Ability to gather, analyze and synthesize data from various sources and consolidate it into a searchable database tool
- Excellent analytical, facilitation and problem solving skills
- Strong communication and writing skills – ability to communicate succinctly and clearly in non-technical jargon
- Leadership and project management proficiency
- Highly organized and detailed oriented

Are you interested?

Please send us your cover letter and resume to hr@bqewater.com with "Engineering Co-op" in the subject line. We'll contact you if it looks like this is the right opportunity for you.