



Making a difference...together

Employment Opportunity

Project Engineers (2 positions)

Integrated Water Services – Infrastructure Engineering

Competition	18/192
Status	Regular Fulltime
Hours of Work	70 hours bi-weekly
Rate of Pay	\$49.83 - \$55.99 per hour
Review of applications begins	4:00pm on November 8, 2018 but competition will remain open until filled.

Summary

The Project Engineer provides engineering planning and design work related to the Regional Water System and the Wastewater System.

The current focus of one position is engineering planning and design work related to regional water system and wastewater system capital projects as assigned. The Project Engineer is directly accountable for the design, project management and delivery of CRD Infrastructure projects and facilities.

The current focus of one position is engineering planning and design work related to regional, sub-regional and local water systems and capital projects as assigned. The Engineer 5 is directly accountable and responsible for the planning, design and construction of CRD infrastructure systems.

Duties & Responsibilities

- Provides professional certification of work within field of expertise including signing and sealing related design drawings and as-constructed drawings.
- Provides professional and technical expertise, guidance and direction to technicians and staff including acting as project lead as assigned.
- Responsible for project implementation from concept to commissioning specific to water and wastewater systems and facilities.
- Designs, evaluates, and implements a variety of water and/or wastewater systems and facilities.
- Prepares and reviews contract specifications, detailed cost estimates, staff reports, requests for proposals, and tender documents.
- Designs water and/or wastewater systems based on engineering concepts or approves the designs of others.
- Receives, evaluates and recommends acceptance or rejection of tenders.
- Prepares conceptual design including production of contract documents, tender process, construction and start-up of project through to project completion.
- Provides assistance, direction and clarification of contract intent to internal/external stakeholders.
- Undertakes infrastructure planning studies, asset condition assessments and systems modelling.
- Develops strategic asset management plans
- Reviews and processes development applications and prepares statement of conditions for servicing requirements.
- Develops long-term capital plans.
- Provides contract oversight and administration including overseeing, directing, liaising and negotiating with contractor and/ or consultants.
- Provides project oversight and project management ensuring projects are completed on time and within budget.

- Reviews system operations and forecasts potential improvements prior to their need.
- Prepares written technical engineering submissions that can be understood by internal/external stakeholders.
- Ensures current standards are adhered to for design, construction and operational matters.
- Upgrades knowledge and experience to evaluate and/or implement engineering standards and practices in compliance with federal and provincial guidelines and legislation.
- Deals with enquiries and complaints from the public and commissions.
- Follows all policies, procedures and standards of the CRD.
- Performs other related duties as required.

Qualifications

- Civil Engineering Degree and 10 years of relevant experience specific to the design, construction and project management and delivery of complex water and wastewater systems.
- Be registered as, or eligible for registration as, a Professional Engineer (PEng) in the Province of BC.
- Excellent communication (verbal and written), interpersonal and customer service skills are required.
- Detailed knowledge of water and wastewater system design, including knowledge of process and treatment plant design.
- Demonstrated experience with water and wastewater processes, treatments and plant designs.
- A thorough knowledge of standards, materials, methods of construction and design, contract administration and engineering operations.
- Demonstrated experience with project management and project oversight working with complex and diverse initiatives.
- Demonstrated experience with contract management including providing direction and oversight while ensuring standards and expectations are met.
- Knowledge of and ability to use various computer word processing, spreadsheet and project scheduling programs and databases.
- Excellent presentation skills with demonstrated ability to communicate complex, technical information to non-technical and technical audiences.
- Demonstrated ability to establish and maintain effective working relationships with internal and external stakeholders.
- Knowledge and understanding of WorkSafeBC practices/protocols, Workers' Compensation Act, OH&S Regulations and other relevant safety statutes.
- Knowledge of federal/provincial/municipal regulations, legislation, codes, standards and guidelines related to water and wastewater.
- Must possess a valid BC Driver's Licence (Class 5).

Applications

To apply for this exciting opportunity, please submit your resume and covering letter online at www.crd.bc.ca under "[Careers](#)".

The CRD wishes to thank you for your interest and advises that only those candidates under active consideration will be contacted.

