



Making a difference...together

Employment Opportunity

Project Engineer

Integrated Water Services, Infrastructure Engineering

Competition	21/219
Status	Regular Full time
Hours of Work	70 hours bi-weekly
Rate of Pay	\$52.89 - \$59.42 per hour (2021 rates)
Review of applications begins	4:00pm on October 25, 2021

Summary

The current focus of this position is engineering planning and design work related to Wastewater Systems and Capital Projects as assigned. The Project Engineer is directly accountable for work in their assigned service area and reports directly to the Manager, Wastewater Engineering & Planning, and is responsible for the design of wastewater and water facilities.

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 wastewater and/or water systems and facilities.
- Prepares and reviews contract specifications, detailed cost estimates, staff reports, requests for proposals, and tender documents.
- Designs wastewater and/or water systems including treatment plants 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.
- 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 complex water and wastewater facilities, and the design of facilities that collect, treat and dispose of the wastewater.
- Membership or eligible for membership in the Association of Professional Engineers and Geoscientists of BC.
- Excellent communication (verbal and written), interpersonal and customer service skills are required.
- Detailed knowledge of wastewater and water system design, including knowledge of process and treatment plant design.

- Demonstrated experience with wastewater and water 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 and 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.

Please note that candidates with lessor qualifications may be considered and the CRD encourages all interested applicants to apply.

Applications

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

The CRD thanks you for your interest and advises only those candidates under active consideration will be contacted.

