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Employment Opportunity

Senior Engineering Technician

Parks & Environmental Services - Facilities Management & Engineering Services

Competition	17/067
Status	Regular Fulltime
Hours of Work	70 hours bi-weekly
Rate of Pay	\$42.44 – 48.13 per hour (2016 rates)
Review of applications begins	4:00pm on May 12, 2017

Summary

Reporting to the Manager, Project Engineering, the Senior Engineering Technician is responsible for managing, designing and constructing projects pertaining to regional infrastructure and programs in the liquid waste and solid waste disciplines in addition to providing services to other CRD departments. This requires designing, cost estimating, contract preparing, coordinating, administering projects such as pumping facilities, trunk sewers, landfill facilities, and other CRD infrastructure and facilities.

Duties & Responsibilities

- Evaluates operational problems, engineering requirements and recommends optimum solutions.
- Makes recommendations to senior staff and operations personnel on, infrastructure upgrades and new projects to resolve operational problems.
- Project manages a variety of capital works projects.
- Prepares terms of reference for consultants and contract documents for consultation work.
- Administers contracts with construction contractors, consultants and surveying crews, and provides direction and guidance.
- Designs components of sanitary sewer systems including pumping stations, based on engineering concepts.
- Prepares detailed engineering cost estimates and schedules on engineering projects.
- Arranges and chairs pre-construction meetings.
- Prepares technical staff reports.
- Designs components of landfill systems including gas and leachate collection, annual aggregate production and interim closure implementation.
- Follows all policies, procedures and standards of the CRD
- Performs other related duties as required.

Qualifications

- Diploma in Engineering Technology and 9 - 11 years' experience
- Member Applied Science Technologist and Technicians of British Columbia
- Required to maintain membership in ASTTBC and continue to upgrade professional knowledge and experience on an ongoing basis.
- Excellent communication (verbal and written), interpersonal and customer service skills are required.
- A thorough knowledge of CRD infrastructure relating to pumping stations, trunk sewers and force mains, meter and valve chambers, siphon sewers, odour control and ventilation facilities, leachate management facilities, landfill operations and facilities, health and safety.
- Knowledge of engineering design and construction methods, construction estimating, applied hydraulics in engineering, mechanical design, surveying, excavation and shoring.
- Demonstrated understanding of design and construction of public works facilities through each phase to completion, including pump and pumping station design, trunk sewer systems, leachate collection and disposal systems and landfill gas collection.
- Proficient in the use of computers, desktop software, spreadsheets, SCADA and AutoCad software, databases and corporate information systems.
- Demonstrated leadership, communication, negotiation and interpersonal skills.
- Ability to communicate professionally with senior staff and operations personnel.
- Ability to write technical reports and prepare cost benefit analysis.
- Knowledge of contract management.
- Strong project management and budget control and monitoring skills.
- Confined space entry and WHIMIS training required.

- Must possess a valid BC Driver's Licence.

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.