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Employment Opportunity

PROJECT ENGINEER

Parks & Environmental Services – Facilities Management & Engineering Services

Competition	19/069
Status	Auxiliary
Hours of Work	70 hours bi-weekly
Rate of Pay	\$44.82 - \$50.83 per hour (plus 14% in lieu of benefits)
Review of applications begins	4:00 p.m. on April 5th, 2019

*this competition will remain open until the successful candidate is found

Notes

Summary

The Project Engineer is responsible for arranging, coordinating and overseeing specialist resources required to support the planning, design and construction of capital works projects for the Hartland landfill systems including gas collection, aggregate production, site infrastructure improvements and managing the daily landfilling operations contract. This position also oversees capital projects pertaining to liquid and solid waste, water, environment, air quality, resource recovery, energy conservation, building construction and contract management with the overlying purpose of protecting public health and the environment.

The anticipated length of this term assignment is approximately 12 months.

Duties & Responsibilities

- Works with a senior engineer in overseeing the planning, design and construction of approved capital works projects relating to solid and liquid waste, water, environment, air quality, resource recovery, energy conservation, building construction and other areas as required.
- 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.
- Works with a senior engineer in coordinating the design components of capital projects for landfill systems including gas collection, aggregate production and site infrastructure improvements and managing the daily landfilling operations contract.
- Develops, implements and oversees project related scopes of work, schedules and budgets.
- Develops criteria for and provides external contract management, including monitoring performance to ensure construction standards are met, and preparing status reports.
- Acts as a primary contact and liaison with consultants and external stakeholders.
- Performs evaluations on facilities including detailed analysis and problem solving as well as prepares recommendations and planning estimates, including cost estimates and design proposals.
- Develops and executes engineering feasibility studies including cost analysis and technical reports.
- Prepares reports and recommendations for presentation for internal and external stakeholders.
- Establishes and maintains effective communications between internal and external stakeholders to foster successful completion of projects and plans.

- Follows all policies, procedures and standards of the CRD.
- Performs other related duties as required.

Qualifications

- University Degree in Environmental or Civil Engineering plus a minimum of six (6) years' or equivalent progressively responsible experience in engineering design, construction and project management of solid and liquid waste facilities, preferably combined with practical experience in design, construction and contract management.
- Must have or be able to obtain a membership with the Association of Professional Engineers and Geoscientists of BC.
- Excellent communication (verbal and written), interpersonal and customer service skills are required.
- A thorough knowledge of infrastructure relating to landfill cell design and construction, leachate and stormwater management facilities, odour control facilities, landfill gas collection systems, landfill operations and facilities, health and safety.
- A thorough knowledge of civil engineering design and construction methods, construction estimating, applied hydraulics in engineering, mechanical design, surveying, excavation and shoring.
- Knowledge of landfill equipment, operational capacities and efficiencies.
- Strong project management and budget control and monitoring skills.
- Working knowledge and experience in the application and interpretation of federal, provincial and municipal legislation, regulations and guidelines related to solid waste management.
- Demonstrated understanding of design and construction of landfill liners and closure systems through each phase to completion.
- Demonstrated experience with preliminary and detailed design functions and carrying out feasibility studies including cost estimates.
- Demonstrated experience in project and construction management, preparing work plans, contract documents and possessing good negotiation and conflict resolution skills.
- Proficient in the use of computers, desktop software, spreadsheets, SCADA and AutoCad software, databases and corporate information systems.
- Understanding of BCQLA/MOLO – landfill operations training.
- Confined space entry and WHIMIS training required.
- Demonstrated understanding and skill in site surveying and GIS.
- Ability to work effectively, efficiently and economically as well as the ability to successfully deal with multiple deadlines and conflicting agendas.
- Well-developed leadership, relationship-building and decision making skills.
- Ability to prepare detailed and comprehensive technical reports, specifications, terms of reference, contracts and specifications.
- Knowledge and understanding of WorkSafe BC practices/protocol, Workers' Compensation Act and OH&S Regulations and other relevant safety statutes with emphasis on worker/contractor safety and employer's responsibilities.
- Must possess a valid Class 5 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.



CRD