



Position Title: Lead Senior Engineer (Iona Wastewater Treatment Plant Program)

Position Status: Full-Time Regular

Department: Project Delivery

Employee Group: Exempt

Location: 4515 Central Boulevard, Burnaby

Salary Range/ Wage Rate: Management / Leadership, Level M3B (\$138,719.13 - \$163,194.52 annually)

Our Project Delivery Department is seeking a Lead Senior Engineer who will work as a technical/specialist resource and provide leadership for specialized and/or complex engineering, project management and technical work for the Iona Island Wastewater Treatment Plant (IIWWTP) Upgrade Project. The IIWWTP program will be the largest capital program undertaken by Metro Vancouver involving new and upgraded treatment facilities as well as complex geotechnical and piloting work. The Lead Senior Engineer will work closely with the Project Manager to review the consultant's design, prepare construction procurement packages and collaborate with the Program Management team on management of scope, schedule, risk and interfaces. This Lead Senior Engineer will play a leading role in the integrated program team, as well as supervise staff on the team.

You are: A process, civil, mechanical, chemical, structural, or electrical engineer with minimum 8-10 years of recent related experience following professional registration; or an equivalent combination of training and experience. The successful candidate should be a hands-on, collaborative individual who is well experienced with the complexities associated with design and construction of WWTP projects, project management and planning, interface management, project controls, and commercial and risk management. Possessing a collaborative style of leadership and demonstrating a high level of communication skills and professionalism is a necessity for succession in this role. The successful candidate will work effectively with senior leadership, intermediate/junior team members, technical consultants, contractors, and a variety of internal and external stakeholders and partners. We are looking for an energetic team player and strategic thinker with a high level of initiative, motivation, and enthusiasm, who is able to work independently with minimal direct supervision and has a good understanding of Project and Construction Management principles.

The Lead Senior Engineer reports to the Project Manager, IIWWTP.

This role:

- Provides leadership to a team of professional engineers and technical staff responsible for complex and varied engineering, project management and technical work.

- Accountable for budget administration, preparation and reporting. Monitors and controls spending ensuring the effective and efficient expenditure of allocated funds. Develop and reviews RFQs, RFPs and tenders, working with Purchasing to ensure the timely award of contracts. Contributes to the preparation of long range financial plans and provides input to strategic initiatives.
- Provides guidance on technical issues, corporate policies, and project management and ensures work is undertaken in conformance with corporate standards and policies. Makes independent decisions and recommendations within broad policies and mandates and uses judgment and ingenuity to devise practical and economical solutions.
- Develops or provides input to technical standards, policies and procedures in accordance with corporate objectives. Sets group standards considering all relevant information such as applicable design codes, specifications and previous experience.
- Makes decisions and/or recommendations on hiring engineering and technical consultants based on workload, costing, scheduling, expertise, and other factors. Oversees work carried out by multi-disciplinary consultants and contractors, including reviewing and providing direction on design, construction and contract administration. Ensures work is undertaken in conformance with corporate standards and policies, and meets the requirements of the project.
- Prepares and reviews a range of written material including reports, recommendations, technical memoranda and technical specifications. May deliver presentations for various audiences including the public as required.
- Supervises, directs and motivates staff monitoring performance towards division, department and corporate objectives; ensures staff adhere to workplace conduct and purchasing policies.
- Leads, coaches, mentors and develops staff recognizing the importance of leadership, supervisory and technical training; develops and sustains a flexible workforce encouraging staff to pursue opportunities that complement their skills and experience.
- Works collaboratively with staff to resolve complex technical, design, operational, or interpersonal issues staff encounter while doing their work. Facilitates information sharing among staff to transfer knowledge and experience and increase the efficiency and effectiveness of the team.
- Establishes effective working relationships with various outside agencies as well as other internal departments. Works collaboratively with departmental staff to deliver on strategic initiatives.
- Upholds Metro Vancouver's reputation through positive and forthright dealings with other organizations and members of the public. Understands the organizational culture and the processes/mechanisms necessary to attain work objectives.
- May provide advice, recommendations and follow up to the Metro Vancouver Board, Committees and municipal councils.
- Performs other related duties as required.

To be successful, you have:

- Bachelor of Applied Science Degree in Engineering. 8-10 years of recent related experience following professional registration; or an equivalent combination of training and experience.

- Membership or eligibility for immediate membership as a registered Engineer (P.Eng.) with the Engineers and Geoscientists of British Columbia (EGBC).
- Extensive technical expertise and understanding of relevant engineering principles. Ability to interpret, apply and advise others on engineering and related guidelines such as technical manuals, codes and regulations, contracting policies, safety regulations and corporate and Board policies. Ability to adapt or adjust guidelines and procedures for unique or problem situations.
- Excellent written and oral communication skills including sound report writing and presentation skills. Ability to communicate complex information and implications to diverse audiences. Ability to explain difficult concepts and persuade others to adopt a point of view or way of doing things.
- Strong interpersonal skills and ability to build and maintain effective working relationships. Skill in dealing openly, tactfully and sensitively in a variety of situations. Ability to effectively lead a team and work collaboratively. Deals effectively with disagreements and prevents the escalation of conflict.
- Proven ability to use judgment to resolve complex problems; seeks solutions in congruence with the organization's objectives and values. Ability to develop and revise procedures and plans to address problems and changing circumstances. Seeks to include staff in decisions that will impact them; works cooperatively to resolve differences of opinion.
- Proven contract administration and project management skills and excellent attention to detail including troubleshooting and resolving complex contractual issues. Demonstrated ability to lead a complex series of project components and deliver projects on time and on budget.
- Ability to manage a complex portfolio of work while establishing ambitious and challenging goals; demonstrated ability to deliver on multiple projects simultaneously; demonstrates persistence in overcoming obstacles. Responds to changing priorities due to internal or external pressures resulting in revised schedules and a reallocation of resources.
- Ability to supervise, coach and guide others while enhancing individual and team effectiveness. Ability to mentor and foster the development of direct reports.
- Proficiency using Microsoft Office programs including Word, Excel, Outlook and Project.
- Valid BC Class 5 Driver's License.

Our Vision:

Metro Vancouver embraces collaboration and innovation in providing sustainable regional services that contribute to a livable and resilient region and a healthy natural environment for current and future generations.

Metro Vancouver employees proudly serve the region and demonstrate the behaviours and attributes of six leadership competencies: Accountability, Adaptability, Building and Nurturing Relationships, Communication, Continuous Learning, and Strategic Thinking and Action.

At Metro Vancouver, we are committed to cultivating a diverse, safe, equitable, and inclusive work environment for all. We strive to attract and retain a talented, diverse workforce that is reflective of the region we serve. If an

accommodation is required during the recruitment and selection process, please contact careers@metrovancover.org for support. Learn more about our commitments to diversity, equity, and inclusion [here](#).

Please follow this link <https://metrovancover.org/about-us/careers> to our Careers page where you can submit your application by August 12, 2025.