



## **ELECTRICAL ENGINEER, LIGHTING & TRANSPORTATION SYSTEMS**

Permanent Full-time

### **About Us**

One of BC's Top Employers, the City of Coquitlam offers meaningful career opportunities to make a difference within the local community. As the sixth largest city in BC, we are home to more than 150,000 residents. Our diverse municipality is a great place to work as it continues to grow through innovative urban design, inspiring arts, culture and recreation programs, and state-of-the-art transportation systems. Our brand is built on managing our resources in a responsible and sustainable manner, while supporting a vibrant, growing regional urban centre. We envision a bright future in Coquitlam that we hope includes you!

### **About You / What We Are Looking For**

We value curiosity, initiative, and a commitment to continuous learning. Reporting to the Traffic Systems Specialist and Traffic and Street Use Manager, the ideal candidate will bring fresh perspectives, innovative ideas, and a results-driven attitude to our team. If you are someone who actively seeks challenges, collaborates effectively, and is genuinely interested in making a meaningful impact in the field of electrical engineering, we encourage you to apply. Join us in fostering a dynamic work environment where your enthusiasm for engineering is both recognized and celebrated.

Your responsibilities would include (but are not limited to):

- Reviewing transportation systems drawings
- Communicating to the public, and internal and external partners
- Preparing technical and non-technical reports and presentations
- Managing electrical engineering projects
- Developing and implementing policies, practices, guidelines, and specifications governing the planning, design, and maintenance of lighting and transportation systems.
- Collaborating with others within the Transportation Division, Engineering and Public Works Department and other departments across the City.
- Researching and evaluating emerging technologies for potential integration into lighting and transportation systems.

### **Desired Skills, Knowledge and Abilities**

- Proven expertise in lighting and illumination, traffic signal systems, and other electrical installations pertinent to transportation and traffic management
- Excellent oral and written communication skills
- Proven ability to thrive in collaborative team environments and contribute effectively to group projects, while also demonstrating the capacity to work independently with minimal supervision.
- Demonstrated enthusiasm for generating and cultivating innovative ideas, coupled with a strong aptitude for thorough analysis and critical evaluation of data
- Good understanding of municipal transportation issues
- Familiarity with transportation best practices, industry guidelines, and an understanding of the local context
- Exemplary organizational skills with a demonstrated ability to effectively manage multiple concurrent projects
- Robust computer skills
- Meticulous attention to detail and accuracy
- Excellent interpersonal skills

### **Minimum Qualifications**

- 4-year undergraduate degree in Electrical Engineering or equivalent with a minimum of 4 years' experience and registration with Engineers and Geoscientists British Columbia (EGBC) as a Professional Engineer (P.Eng).



- Alternatively, a Diploma in Electrical Engineering Technology or Electronics Engineering Technology supplemented by a minimum of 8 years' experience and registration with Engineers and Geoscientists British Columbia (EGBC) as a Professional Licensee Engineering (P.L.Eng).
- Valid unrestricted Driver's License for the Province of British Columbia or equivalent

### Preferred Qualifications

- Preference for candidates with specialized coursework and/or experience in Lighting/Illumination, Communications Engineering, Fiber Optic Networks, and/or Reliability Engineering.
- Preference for industry certifications such as CFLC, CFOT, CFOS/D, CCNA, CCST, CMRP, LC, and PMP.

### What We Offer:

This excluded position has an annual salary range of **\$109,539 - \$123,217**. The rate of pay is based on a variety of factors including qualifications, knowledge, experience and skills. Junior candidates may be considered at the EIT level with an annual salary range of **\$98,158 - \$106,168**.

You will have the chance to join a rapidly growing and diverse team dedicated to supporting the local community, and be able to engage in variety of learning and development opportunities. Additionally, there is an opportunity to participate in a flex day program. This position is based out of our Austin Works Yard facility at 500 Mariner Way in Coquitlam with some flexible, hybrid work options available. The City offers an attractive vacation and extended benefits package, including the ability to contribute to the Municipal Pension Plan.

### Accessibility / Equal Opportunity Employer

The City of Coquitlam is proud to be an Equal Opportunity Employer working towards enhancing equitable practices in our recruitment and retention processes. As an organization we are committed to creating an inclusive work environment to support our growing and diverse work force. To learn more about what equity, diversity, and inclusion means, and the City's efforts in support of these principles, please visit [coquitlam.ca/edi](http://coquitlam.ca/edi) for more information.

If at any time during the application or recruitment process you require additional assistance or an accommodation, please contact our team for confidential support. Staff can also provide in-person support if required.

Applicants under consideration may be required to undergo a police information check (with no adverse reports).

Good people make Coquitlam great, sign up for career alerts through our recruitment portal to stay up to date about opportunities within our team, or follow us on [LinkedIn](#) to learn more about how #YouCouldWorkHere too!

**Please apply online at [www.coquitlam.ca/careers](http://www.coquitlam.ca/careers) by 11:55 pm on February 16, 2024.**

*We thank all applicants for their interest; however, only those selected for an interview will be contacted.*