

Intermediate Electrical Engineer – Burnaby or Langley

Great Northern Engineering Consultants Inc is a progressive engineering consulting company specializing in the design of: Roadway Lighting, Traffic Systems, Intelligent Transportation Systems (ITS), Fibre Optics, Power Distribution and PLC designs for water, waste water, and other municipal systems. We have multiple offices in Western Canada.

At GNEC we believe that people are its greatest asset. We provide an environment for employees that enables them to perform to their highest potential, is respectful, and provides opportunities for their professional growth.

We are looking for a highly motivated individual to join our team as an **Intermediate Electrical Engineer**. The ideal candidate will be comfortable with minimum supervision and be results driven. This role will be based out of either our Burnaby or Langley offices under the direction of the Senior Electrical Engineer.

What You'll Be Doing:

- Perform hands-on design for roadway and area lighting, traffic signals, as well as ITS and fibre network infrastructure.
- Carry out calculations to ensure that designs meet applicable engineering standards and codes.
- Prepare design drawings utilizing AutoCAD and PDF markups, REVIT and MicroStation.
- Provide mentorship, direction and oversight to junior engineers, technologists and designer/CAD staff.
- Review and sign off on design drawings, cost estimates and documentation prepared by other staff.
- Prepare tender documents and specifications
- Provide construction oversight.
- Perform field reviews and prepare record drawings.
- Prepare proposals and quotations.
- Perform project management functions including preparation of cost estimates, budgets, schedules, design reports, peer reviews.
- Liaise with clients, project managers, and stakeholders as necessary.
- Prepare proposals and quotations
- Assist with business development activities.
- Perform other related tasks based on individual project or business requirements.

What You'll Need:

- A degree in Electrical Engineering from an accredited institution.
- Professional Engineer certification with EGBC.
- Minimum of 5 years' experience is required.
- Experience related to the design of street lighting, traffic signals or ITS is desirable.
- Proficiency in AutoCAD and PDF markups. REVIT and MicroStation experience an asset.
- Familiarity with Provincial and Municipal electrical design standards is desirable.
- Working knowledge of analysis tools such as AGi32
- Excellent interpersonal, organizational and communication skills (English).

- Ability to work under pressure, multi-task, meet demanding deadlines, and work in a team environment is required.
- Must have a valid Class 5 Motor Vehicle Operator's License.
- The candidate should be a self-starter, highly motivated and a team player with the ability to work on a variety of simultaneous goals and issues.

Benefits:

- Dental care
- RRSP Match
- Extended health care
- Vision care
- Vacation & paid time off
- Wellness programs

We offer competitive salary commensurate with qualifications and experience.

Please email your resume outlining your qualifications and experience in confidence to: careers@gnec.ca