

## Job Posting

### Electrical Design Technologist

Resumes accepted until March 05, 2018.

PBX Engineering is an electrical, systems, and software engineering firm, with offices in Victoria, Vancouver, and Squamish. We develop leading edge systems for municipal infrastructure, transportation, security, buildings, and industrial applications across Canada. The Vancouver office is expanding its design staff and is currently seeking an electrical design technologist to fulfill a new position.

PBX Vancouver offers a challenging and rewarding environment. PBX employs innovative, forward-thinking people who enjoy solving problems through creative and collaborative thinking. The selected candidate should be genuinely interested in participating in the growth and technical development of a very strong and talented group of engineers and designers.

Our diverse workload includes technical areas such as:

- Power distribution systems including MV/HV substations, low voltage distribution, and grounding systems
- Intelligent Transportation Systems (ITS) including lighting design and traffic studies
- Water and wastewater infrastructure including SCADA systems and Automation
- Security system design including CCTV, perimeter security, and access control platforms
- Building electrical systems including residential, commercial, and industrial facilities

#### Position Summary

Working closely with the senior engineers, the Electrical Design Technologist will support the Municipal Water and Wastewater division and have direct responsibility for project tasks in the following areas:

- Preparation of calculations and simulations
- Preparation of design documentation, including drawings, cost estimates, and construction specifications
- Programming of PLC's, SCADA systems, and operator interfaces (HMI's)
- Performing construction services and site inspections
- Performing system testing, commissioning, and troubleshooting

#### Qualifications

In addition to experience with the above responsibilities, the qualifications for the position include:

- Diploma in Electrical Engineering Technology program or equivalent from a recognized technical institute
- Minimum 3-5 years' experience designing pump/lift stations, booster stations, PRVs, etc.
- Minimum 3-5 years' experience programming SCADA, RTU, and PLCs
- Familiarity with various models of equipment such as GE, Allen Bradley, Motorola, Schneider, etc. and related programming and SCADA software packages
- Strong oral and written communication skills
- Effective interpersonal skills
- Able to effectively deal with a high level of responsibility and demanding work schedule
- In-depth knowledge of the Canadian Electrical Code
- Strong computer skills including complete familiarity Office suite
- AutoCAD proficiency is not required but considered an asset
- Registered with ASTTBC (Applied Science Technologists and Technicians of BC) as an ASCT

#### **The PBX Environment**

We are a different firm. Waterfront view, patio, pool table, and a young, dynamic environment. We are looking for someone who shares our passion for high quality work and who is interested in contributing positively to our corporate culture.

#### **Applications**

Qualified applicants are encouraged to send their resumes, complete with references, via email to [ginger.rai@pbxeng.com](mailto:ginger.rai@pbxeng.com). Include "Electrical Design Technologist" in the subject line.