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Employment Opportunity

Electronics Technologist

Integrated Water Services – Core Area Operations

Competition	19/177
Status	Regular Fulltime
Hours of Work	80 hours bi-weekly
Rate of Pay	\$42.10 – 47.73 per hour
Review of applications begins	4:00pm on September 23, 2019

Summary

The Electronics Technologist has responsibility for oversight and support of Integrated Water Services SCADA systems and projects. This includes application configuration, maintenance, monitoring, graphics development, and system performance activities in accordance with Capital Regional District policies, procedures, and standards. This position also provides technical support, guidance and direction to IWS staff.

Duties & Responsibilities

- Provides oversight and administration of SCADA system software, structure and functionality including develops and implements SCADA System procedures and standards and designs, creates and implements SCADA graphics and related applications.
- Provides SCADA system maintenance which includes database and display updates and on site point to point testing and troubleshooting.
- Provides guidance and direction to ensure that enhancements, system integrity and application design meet operational needs.
- Specifies, installs, maintains, services, repairs and calibrates electrical/electronic equipment, controls and instruments. Provides expertise, trouble shooting and guidance to other IWS staff.
- Maintains the operational condition and accuracy of a variety of SCADA and electronic equipment by inspecting, testing, repairing, adjusting, regulating, and calibrating the equipment.
- Maintains services and calibrates hand-held and fixed gas detectors.
- Analyses operating statistics to improve automation software and SCADA system operations.
- Performs technical functions for the Inflow and Infiltration (I&I) program.
- Designs, installs, commissions, programs software and maintains programmable logic controllers, Human Machine Interface, electronic equipment, and SCADA systems.
- Provides ongoing guidance and direction to IWS staff with respect to the use, design and operations of SCADA systems as well as required troubleshooting.
- Recommends, provides analysis, designs, specifies, purchases, installs, and commissions equipment and instruments for capital works and operations including sensors, instrumentation, control systems, water quality equipment and remote monitoring systems.
- Provides project management oversight and services with regard to new, expansion and/or modifications of facilities as well as changes to control logic and infrastructure.
- Liaises with internal and external stakeholders. Installs and maintains data radio systems and liaises with communication companies with respect to new telemetry line installations, repair or upgrading of existing lines and radio communications.
- Prepares reports on equipment malfunctions or the need for new equipment.

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

Qualifications

- Related 2 year Diploma/Certificate of Technology plus 8 years' related work experience
- Hold an Electrical/ Electronic Technologist or Technician designation with ASTTBC. An equivalent combination of education and experience may be considered.
- Low Voltage certification with Technical Safety BC, or willing to obtain.
- Excellent communication (verbal and written), interpersonal and customer service skills are required.
- Thorough knowledge of advanced SCADA systems for the monitoring, collection and processing of data.
- Strong analytical, processing, and documentation skills
- Highly proficient in Microsoft Office applications including MS-Excel & MS-Word.
- Must have reasonable typing skills to effectively complete required work.
- Strong organizational and documentation skills.
- Ability to review and analyze information in a dynamic and fast paced environment.
- Must be capable to learn new computer applications in a quick and efficient manner.
- Perform work in an independent manner as well as in a team environment as the job requires.
- Knowledge of water and waste water operations and procedures, computer systems, and basic network communications configuration.
- Demonstrates initiative with proven troubleshooting and problem-solving skills.
- Ability to effectively interact with clients, Industrial Automation team, and senior management.
- Knowledge of and ability to manage projects and databases.
- Knowledge and understanding of WorkSafeBC practices/protocols, Workers' Compensation Act and OH&S Regulations and other relevant safety statutes.
- Must possess a valid BC Driver's Licence (Class 5).

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.

