



ENGINEER . IMPLEMENT . MAINTAIN

Controls Designer / Engineer

Prime Engineering is seeking to fill a Controls Designer / Engineer position for a motivated and hardworking person keen to join a dynamic and growing company.

With a reputation for customer service excellence, Prime Engineering specializes in taking on unique challenges and delivering creative independent solutions. Our experienced staff deliver top quality electrical design and services, with a focus on the supply, design and commissioning of electrical projects.

If you thrive in a fast-paced environment, working with a culture that values innovative problem solving, you'll love working at Prime. Join our growing firm based in Victoria BC, which affords our staff the best work location, climate, and lifestyle opportunities found anywhere in Canada.

Duties and Responsibilities:

- Program and commission PLC and related control system hardware
- Program and commission HMI and related SCADA system software and hardware
- On-site commissioning and testing of control systems
- Troubleshoot control systems both in remote and on-site environments
- Design and test control system communication architecture/networks (e.g. serial, Ethernet)
- Prepare test plans and commissioning documents
- Create project documentation including operation and maintenance manuals, control philosophy, flow charts, logic diagrams, and control schematics
- Organize and participate in design reviews and project meeting with both internal and external clients
- Specify and select controls equipment and services, prepare data sheets, prepare RFQs, review quotations, prepare purchase orders
- Provide assistance to project designers/engineers regarding control system interfaces and other project related interfaces
- Prepare written technical engineering reports on various control system related topics
- Assist with cost estimations and technical documentation for proposals
- Provide creative, innovative solutions for control system and automation solutions
- Desire to learn and research topics outside area of expertise to implement within new designs
- Represent Prime Engineering Limited in a positive way both internally and externally
- Foster teamwork both internally and externally with the client and the client's vendors
- Work to achieve overall company goals

Qualifications:

- Diploma or Bachelor Degree in electrical / industrial controls / computer engineering
- Experience dealing directly with clients or client's vendors
- Self-directed
- Strong team skills
- Excellent MS Office skills
- Knowledge of IEEE standards
- Working knowledge of theories, conceptualizations and realizations of control systems including PID loops, transfer block diagram

- Excellent analytical and problem solving skills
- A condition of employment for this position is that you maintain a valid Driver's Licence
- Previous experience with hydro-electric generation controls systems desired but not required

Additional Information:

- Position is based out of Prime's Victoria, BC office.
- Position reports to Manager, Generation and Renewable Energy
- Position has no direct reports
- Position requires remote camp-based site work for extended periods of time (6-8 weeks)