

Job Title: Power Systems Engineer (Experienced)

Department: Electrical Engineering - Energy - Power Systems and Testing

Job Category: Engineering

Status: Regular employee

City: Vancouver

Reference Number: 2011-525-0855

Role:

BBA is a Canadian consulting engineering firm offering services with a high level of expertise, notably in the Energy and Mining & Metals sectors. We require an Engineer experienced in power systems and P&C, who wishes to meet new challenges while directly contributing to the company's growth.

We have over 700 employees across Canada with offices in British Columbia, Newfoundland, Ontario and Quebec. The current opening is for the 30 person and growing Vancouver office that is located downtown.

This is a rare opportunity to directly contribute to the company's growth and development in western Canada in a privately owned, successful corporation. We offer the flexibility, career potential and direct impact to the value chain of a growing company combined with the opportunities and support of a large corporation. In 2010 and 2011, BBA was one of Aon Hewitt's best employers in Canada, and is among Canada's 50 Best Managed Companies. For more information visit us at www.bba.ca.

Description:

Your role as a Power Systems Engineer will be to lead and take part in engineering projects, make technological decisions, and propose solutions from project planning through field implementation. You will also be responsible for ensuring the quality of professional services provided and maintaining good working relationships with clients.

Skills:

Our Vancouver office is small and growing, so a successful candidate should be:

- A skilled entrepreneur
- Proactive, take initiative and have creative and innovative problem-solving skills
- Able to deal with uncertainty and ambiguity
- Strongly interested in building a team recognized both externally and within the organization

Some of the activities required in this role are to:

- Participate in small to major design projects for utility (substation and generation) and heavy industry clients
- Perform calculations and technical studies both manually and with specialized simulation/modeling software (i.e. load flow, short circuit, arc flash, motor starting, and grounding)
- Apply calculation results and design methods
- Prepare sketches and review drawings (i.e. one- and three-line, layout, protection, control communication)
- Determine costs and material quantities of designs
- Prepare proposals, specifications, tenders, and reports
- Plan, coordinate, and supervise on-site work
- Perform routine inspections, technical surveys, testing and commissioning at project sites
- Maintain and grow business relationships and the quality of professional services
- Train and coach junior engineers and take part in the Employee Development Program
- Build effective teams.

Requirements:

- More than 10 years of experience including some in an electrical power system study and design role
- Working knowledge of ETAP or other power system modeling tool
- Commissioning experience in a variety of site conditions
- Strong knowledge of site and electrical installation safety
- Knowledge of test equipment is an asset
- Excellent communication skills with high competency in English (both verbal and written)
- Valid driver's license from a Canadian province and the ability to travel and to do site work
- Member of APEGBC or other Province's regulatory body
- Knowledge of project management and quality system procedures and directives
- Some knowledge of written French would be an advantage but not required.

BBA is committed to respecting fair hiring practices for all candidates and employment equity for all employees.