



## CANADIAN PROJECTS LIMITED

#240, 523 Woodpark Blvd SW

Calgary, Alberta T2W 4J3

Phone: (403) 508-1560 Fax: (403) 238-5460

[www.canprojects.com](http://www.canprojects.com)

### **Project Engineer - Hydro**

Project Engineer with at least 10 years of experience in the design and construction of hydroelectric plants in Canada. Key expertise includes:

#### **Hydrotechnical Design**

- River engineering hydraulic analysis
- Hydraulic structures design of weirs, intakes and dams
- System hydraulic analysis

#### **Hydrological Analysis**

- Hydrology primarily in mountainous regions
- Determination of the low flow regime
- Statistical analysis of the flood flows
- Understanding sediment transport fundamentals

#### **Regulatory Technical Submissions**

- Project definition documents
- Project development plan
- Land applications
- Technical permitting

#### **Energy and Economic Evaluations**

- Hydro plant energy analysis
- Economic analysis
- Understanding of capital costing

#### **Project Planning and Coordination**

- Project strategizing
- Project scheduling
- Technical co-ordination of the engineering design aspects
- Effective communication

#### **Qualifications**

- Civil Engineer with a strong hydrotechnical background
- Professional registration in Alberta and/or British Columbia. Registration in Ontario, Saskatchewan, Yukon or the Northwest Territories is an asset
- Consulting Engineering experience of at least 10 years, working in a multidiscipline environment and capable of working on several major projects simultaneously

Please submit your resume to [careers@canprojects.com](mailto:careers@canprojects.com)

*Canadian Projects Limited is a consulting engineering firm specializing in renewable energy development that provides project engineering and management on Hydroelectric, Windpower and Solar Energy projects in Canada. See our website @ [www.canprojects.com](http://www.canprojects.com)*