

# ELECTRICAL ENGINEER

ELECTRICAL 

Roy Consultants, an innovative company that supports employment equity and that is committed to community development, is seeking applications to fill a full-time **electrical engineer** position in one of its offices located in Bathurst, Dieppe, Fredericton and Edmundston.

Roy Consultants employs nearly 80 professionals in New Brunswick, and provides a wide range of services in mechanical, electrical, structural, municipal, transportation, environmental and geotechnical engineering. Serving a large clientele from public works, government services, municipalities and the private sector, Roy Consultants is involved in the building, civil infrastructure, heavy industry as well as environment, soil and material markets. For more information on our firm, [click here](#).

# EMPLOYMENT OPPORTUNITY



## WHAT WE OFFER

- The unique opportunity to participate in the creation of a new team of "mechanical/electrical" professionals at our Madawaska/North-West regional office. This process is part of a broader recruitment strategy aimed at ensuring a gradual and organic growth of the firm's departments and offices;
- The opportunity to contribute to the work carried out by a team of designers and site personnel who work mainly in the realization of engineering projects related to infrastructures and buildings of a commercial, institutional, hospital, municipal and industrial nature;
- The opportunity to support public and private sector stakeholders in responding to all facets of engineering mandates, whether budgeting, planning or implementation of their projects;
- A work environment created by a team of committed professionals in a collaborative atmosphere that will allow you to reach your full potential through a multitude of concrete achievements;
- A flexible corporate spirit adapted to the needs of employees in a professional framework.

## SKILLS REQUIRED

- Proficient in AutoCAD®, Autodesk® Revit and Microsoft Office 365® suite software;
- Good knowledge of the Canadian Electrical Code and key standards to which it refers;
- A keen interest in computer-assisted design, construction and teamwork;
- Good verbal and written communication skills in both official languages;
- Good organizational skills and an ability to manage priorities within tight deadlines;
- The ability to efficiently perform high-quality work despite frequent interruptions;
- The ability to achieve professional autonomy in an active work environment;
- A sincere team spirit, a real sense of responsibility and an understanding of professional ethics;
- An ease of adaptation to various situations, a willingness to overcome challenges and an understanding of the industry's reality.

## JOB DESCRIPTION

- Participate in the planning, design, quality control and/or management of projects that call on certain areas of the **electrical engineering** specialization, namely:
  - Electrical services, power distribution and wiring;
  - Lighting;
  - Communication and security;
  - Fire protection;
  - Controls.
- Perform technical tasks based to the needs specific of ongoing projects, such as:
  - Collecting and recording basic information required for the completion of engineering mandates (i.e., On-site measurements and/or observations, collection of technical data, etc.);
  - Drafting of studies and/or technical reports;
  - Calculation, modelling and design of works;
  - Selection of appropriate construction methods and/or material;
  - Drafting and/or supervision of technical drawings production – computer-assisted drafting (AutoCAD® and Autodesk® Revit);
  - Preparation of technical specifications, and contract terms and conditions;
  - Quantity and/or probable construction cost estimates;
  - Monitoring of work during construction to ensure compliance, cost and/or deadline control;
  - Contract administration.
- Share day-to-day tasks related to the activities of the regional office with existing staff.

## SPECIFIC HIRING CRITERIA

- Be licensed as a Professional Engineer with the Association of Professional Engineers and Geoscientists of New Brunswick (APEGNB);
- Possess **ten** years of related work experience in design and/or implementation of electrical engineering works;
- Own a vehicle and a valid Class 5 driver's licence: A kilometric allowance will be paid for the use of personal vehicle for work-related travel.



All persons interested in applying for this employment opportunity are asked to send their curriculum vitae to [jobs.emplois@royconsultants.ca](mailto:jobs.emplois@royconsultants.ca)