

October 26, 2021



Electrical Project Engineer

Richmond Hill, ON CA

Posting No. 024

Category: Full Time Permanent

Avia NG Inc. is an airport consulting firm specializing in airport planning, design, contract administration and construction phase services for airport infrastructure projects. We operate from four offices throughout Canada and serve airports, government and private clients throughout Canada and the Caribbean.

We are currently seeking an Electrical Project Engineer/Engineer-in-Training with a minimum of three (3) years of experience in electrical engineering, municipal engineering, land development or related experience to support our team in the delivery of airport infrastructure projects at various locations across Canada and the Caribbean.

Avia NG recognizes the importance that our team members play in the successful outcome of infrastructure projects. We offer a competitive benefits and compensation package that includes health and dental benefits, RRSP matching program, referral bonus available, bonus and profit-sharing program, and opportunities for professional development.

RESPONSIBILITIES:

- Work with Professional Engineers and Project Managers in the design and project management of airfield electrical infrastructure projects for private airports, regional and international airports by applying principles of electrical engineering. Specific tasks include design power distribution, runway/taxiway ground lighting, runway approach lighting, airfield guidance signs, field electrical centres and associated project components through the development of design drawings and technical reports
- Assist in the development and preparation of figures, design drawings, specifications, calculations, cost estimates, quantity take-offs, technical reports, etc.
- Maintain up-to-date knowledge of current Transport Canada, ICAO, FAA and related standards and recommended practices
- Provide QA/QC for in-progress and completed designs
- Enhance knowledge of requirements of reviewing agencies such as NAV CANADA, Transport Canada, Municipalities, etc.
- Undertake research activities to identify and develop potential solutions to design challenges associated with airfield facility design/construction
- Inspect project sites specific to electrical installations and evaluate contractor work to determine compliance with Contract Documents;
- Plan and conduct site visits; and,
- Mentoring of junior staff.

This position will require periodic travel within Canada. Costs associated with travel are reimbursed or paid through a living out allowance. The successful applicant will have a valid driver's license with a clean driver's abstract.

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QUALIFICATIONS/EDUCATION REQUIREMENTS

- Licensed Electrical Engineer or Engineer-in-Training with a minimum three years related work experience.
- Demonstrated experience in electrical engineering, design or project engineering/management for the municipal/land development/transportation industry.
- Familiarity with electrical systems and circuits including but not limited to the Canadian Electrical Code, power distribution, electrical circuits, wire and cables, transformers, generators, standby power systems and lighting.
- Strong communication and report writing skills and ability to prioritize/manage multiple project timelines.
- Mature, self-motivated individual possessing effective communication skills and ability to work in a team environment
- Demonstrated AutoCAD experience as well as the MS Office suite of programs (MS Word, Excel, Outlook)
- An interest in airports/aviation is considered an asset

Interested candidates should submit a cover letter and resume by email to info@AviaNG.ca.

Avia NG is committed to providing equal opportunity to candidates of all abilities. Should you require assistance during the recruitment process please contact Carmine Bello, P.Eng., at Carmine.Bello@AviaNG.ca.

We thank all applicants for their interest in Avia NG; however, only those selected for an interview will be contacted.

Primary Location: Richmond Hill, Ontario or Kitchener, Ontario

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