



WINNIPEG
AIRPORTS AUTHORITY

Electrical Engineer



The Organization

The Winnipeg Airports Authority (WAA) is a community-based, non-share capital corporation that operates, manages, maintains, and invests in the Winnipeg James Armstrong Richardson International Airport and affiliate businesses. Operating on a multi-site property, the WAA is responsible for airport operations, security, facilities, parking, ground transportation, and communications.

With an ever-expanding airport campus, WAA is a critical player in the development of one of Canada's strategic transportation hubs. As a perennial "Top Manitoba Employer", the WAA prides itself as an organization that attracts engaged employees with the right skills, in the right place, and at the right time. <http://www.waa.ca>

The Opportunity

Winnipeg Airports Authority has an opportunity for an **Electrical Engineer** within our Planning and Infrastructure Department. The **Electrical Engineer** provides professional Electrical Engineering expertise to assess, maintain, rehabilitate and construct airport infrastructure and ensure that such activities are done in a timely cost effective manner. Provides for review and coordination of 3rd party construction on airport property from the technical perspective and coordinate and obtain surveys and or technical investigations.

Responsibilities include:

- Perform complex electrical analysis and design;
- Complete electrical system modelling and analysis;
- Conduct protection evaluation/coordination;
- Perform short circuit calculations/equipment evaluation;
- Complete load flow and harmonics analysis;
- Manage the installation and commissioning of new projects;
- Troubleshoot problems and develop practical solutions to correct deficiencies in electrical systems;
- Manage, plan and schedule various project aspects.

Selection Criteria include:

- An Electrical Engineering Degree from a recognized post-secondary institution;
- A Professional Engineer (P. Eng.) designation from a Canadian P. Eng. licensing body;
- Power systems engineering experience with both design and field familiarity;
- Project Development and Management skills;
- Experience administering and monitoring financial input to part of the program budget;
- Strong organizational, interpersonal, and communication skills;
- Excellent Computer Skills, AutoCAD, MS Project, MS Office products;
- Self-motivated, self-directed and attentive to detail;
- Ability to prioritize and execute tasks in a high pressure environment;
- Ability to understand and interpret project plans, schedules, and specifications;
- Must obtain AVOP-D including RTO license.

Condition of employment is the ability to obtain and maintain an Airport Restricted Area Identification Card.

Send your resume and cover letter quoting Project 17-011 in the subject line by closing date May 31st, 2017.

jobapplications@waa.ca



Human Resources, 249 - 2000 Wellington Ave, Winnipeg, MB, R3H 1C2, Fax: 204-987-9105

The WAA is an employment equity employer; aboriginal persons, women, visible minorities and individuals with disabilities are encouraged to self-declare in their covering letter.