



EMPLOYMENT OPPORTUNITY

Closing Date: 15.07.2024

TECHNICAL ASSISTANT (TEMP. 12-24 MONTHS)

WINNIPEG, MB

Manitoba Hydro is consistently recognized as one of Manitoba's Top Employers!

Great Benefits

- Competitive salary and benefits package.
- Defined-benefit pension plan.
- Nine-day work cycle which normally results in every other Monday off, providing for a balanced approach to work, family life and community.
- Flex-time and partially remote work schedule (providing the option to work remotely 3 days per 2 week period), depending on nature of work, operational requirements and work location.

Manitoba Hydro is a leader among energy companies in North America, recognized for providing highly reliable service and exceptional customer satisfaction. Join our team of Manitoba's best as we continue to build a company that supports innovation, commitment, and customer service, while actively supporting a diverse, equitable and inclusive workplace.

We are seeking a Technical Assistant to join our Distribution Engineering Department. Under the general direction of the System Improvement Design Engineer, you will prepare complex detailed engineering designs for work orders involving overhead and underground distribution systems. The incumbent will exercise independent judgement on design alternatives and consult with internal and external stakeholders on project designs and scheduling. This is a 12-24 -months term position with full time hours.

Responsibilities:

- As a technical specialist in overhead and underground distribution systems, design and prepare work order packages (construction drawings, bills of material, and cost estimates) for complex and high profile electrical distribution systems extensions and modifications; all with consideration for existing standards pertaining to safety, economics, efficiency of operation, and future expansion.
- Prepare and evaluate alternative conceptual designs for complex and long-term electrical distribution additions and modifications. The work will involve designs in accordance with CSA Standards and/or the Canadian Electrical Code Part I.
- Investigate and utilize new and emerging technologies to develop unique designs necessary to serve complex and changing requirements of overhead and underground electrical distribution systems.
- Liaise with Distribution Planning staff, Property, Apparatus Maintenance, Operations, Customer Service, and Construction on designs, in-service dates, capacity requirements, and plant locations.
- Determine requirements, obtain, or negotiate for offers of land purchase, easement, tree trimming, brush clearing, permission for new extensions, and distribution line relocations. Carry out land title searches as required and prepare recommendations to Property Department for formal acquisition of easements and land purchase.
- Consult, negotiate, and coordinate with other internal departments and external authorities on joint-use projects regarding design requirements, cost/resources, and scheduling. External authorities may include Municipal Authority, voice/data companies, gas utilities, railways, pipeline utilities, Manitoba Infrastructure, Land Developers, and Transport Canada.
- Provide comprehensive advice as required to Distribution Construction and other customers on alternative designs.
- Provide technical training and mentoring to other engineering staff.
- Conduct field visits with Construction, Operations, Customer Service, Apparatus Maintenance, and the public to evaluate suggestions for design, modifications, equipment, and land purchase options. Make on-site design changes as required.

Qualifications:

- Long-term electrical apprenticeship resulting in PLT or Journeyman Certificate plus successful completion of Distribution Engineering Technical Schools (Levels 1 and 2) plus a minimum four years experience in the design of overhead and underground electrical distribution systems.
OR
- A two-year diploma in Electrical, Civil or Mechanical Technology from an institute of recognized standing and successful completion of Distribution Engineering Technical Schools (Levels 1 and 2) plus a minimum of four years experience in the

design of overhead and underground electrical distribution systems.

- Proven comprehensive knowledge of the Corporation's electrical distribution systems, including materials and design standards.
- Strong technical aptitude in electrical distribution systems with emphasis on engineering practices, calculations, methods, and distribution standards.
- Demonstrated ability in designing and staging large scale major projects consisting of multiple phases and in-service dates.
- Previous experience in successfully developing work orders for high profile and sensitive distribution projects.
- Demonstrated ability to apply emerging technologies to serve complex and changing requirements of the distribution system, including application of design concepts outside of established standards.
- Demonstrated ability to multi-task and adjust to changing priorities in a dynamic work environment.
- Proven proficiency in the use of eGIS Smallworld Design Manager, RUCES, LineSag, and AutoCad.
- Demonstrated ability in successfully mentoring new design staff.
- Demonstrated ability in the use of Microsoft Office software applications.
- Demonstrated knowledge in Manitoba Hydro's Safety Manual and other approved practices and procedures.
- Possess a valid Manitoba Motor Vehicle Driver's Licence.

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$37.94-\$52.52 Hourly, \$72,703.54-\$100,638.98 Annually.

Apply Now!

Visit www.hydro.mb.ca/careers to learn more about this position and to apply online.

The deadline for applications is **JULY 15, 2014**.

We thank you for your interest and will contact you if you are selected for an interview.

This document is available in accessible formats upon request. Please let us know if you require any accommodations during the recruitment process.

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