

Recruitment Details

*The City of Winnipeg is a vibrant and dynamic organization with many opportunities!
We offer a diverse and welcoming work environment that delivers quality services to our citizens.*

Professional Engineer Designate – Engineer In Training

Water Services Division
Water and Waste Department
Posting No: 123077

Closing Date: March 21, 2023

Job Profile

The Professional Engineer Designate – Engineer in Training (E.I.T.) will undertake a variety of engineering assignments for their respective Branch Head including: administering data collection programs; data analysis; preparing reports and presentations; field inspections, investigations, and surveys; water modeling, design, and capital and operational cost estimates; GIS/data querying and responding to customer concerns and/or requests for information. The E.I.T. will work in the Support Systems Branch, supporting all branches within the Water Services Division while developing a broad understanding of the application of engineering skills and receiving mentoring from a professional engineer. The duties and skills learned are intended to provide the E.I.T. with the work experience required for eligibility to register as a professional engineer.

As the Professional Engineer Designate – Engineer in Training you will:

Under the supervision of a Professional Engineer -

1. Assist in the planning, maintenance and operation of the City's water distribution and treatment systems to ensure the level of service being provided is at acceptable and expected standards.
2. Undertake engineering design, project management and/or contract administration for capital and operational projects, including the preparation of bid documents and capital and operational cost estimates.
3. Perform engineering analyses, calculations, and hydraulic modeling as required to assess designs for water treatment system performance and infrastructure condition assessments.
4. Provide recommendations with respect to design alternatives, capital costs, operational costs, and operational risk and customer impacts, ensuring the proposed design minimizes impacts to the environment.
5. Assist in design review of proposed modifications to existing infrastructure and new development proposals to ensure designs comply with City servicing criteria and minimize customer, operational, and environmental impacts.
6. Review design documents, as-built drawings, field survey data, property data and utility data for conflicts with proposed works.
7. Administer field data collection and monitoring programs to assess and optimize system performance.

8. Review and become familiar with all relevant licensing requirements under which facilities operate.
9. Provide customer service, respond to customer and councillor inquiries and maintain positive working relationships with internal and external contacts.
10. Provide written reports and presentations to document engineering analyses, recommendations, and system performance of the water distribution and treatment systems.
11. Perform other related duties consistent with the position as assigned.

Your education and qualifications include:

1. Must have a Bachelor of Science degree in Engineering.
2. Must be eligible to be registered as an Engineer in Training with the Engineers Geoscientists Manitoba (E.G.M.) within 3 months.
3. Ability to prepare engineering reports and make recommendations.
4. Basic knowledge of municipal water systems.
5. Demonstrated communication and interpersonal skills, including written and group presentation skills.
6. Demonstrated ability to operate a personal computer using Microsoft Office (e.g. Outlook, Word, Excel).
7. Demonstrated ability to establish and maintain positive working relationships with employees at all levels of the organization, external contacts and the public, in accordance with the Respectful Workplace Standard.
8. Knowledge of economic analysis methodologies.
9. Ability to work effectively in a group setting and independently.
10. Analytical and problem-solving skills with the ability to be flexible and active in developing innovative methodologies.
11. Organizational and project planning skills to plan, organize, prioritize and coordinate work and resources with a high degree of independence.
12. Demonstrated knowledge of specific operating, maintenance and work processes used for water distribution, and design and construction.
13. Basic knowledge of Water By-Laws.
14. Ability to work extended hours in emergency situations.

Conditions of employment:

1. The successful applicant must maintain legal eligibility to work in Canada. If the successful applicant possesses a work permit, it is their responsibility to ensure the permit remains valid.
2. Must possess and maintain a valid Class 5 Manitoba Driver's Licence.
3. A Police Information Check satisfactory to the employer will be required from the successful candidate, at their expense.

CORE COMPETENCIES for ALL EMPLOYEES OF THE CITY OF WINNIPEG:

- Citizen & Customer Focus
- Respecting Diversity
- Ethics and Values
- Integrity and Trust
- Results Oriented

How To Apply

APPLY ONLINE, including all documentation listed below:

1. Current resume AND Application Form (**Required**).
2. Cover letter.
3. Transcript of post-secondary education courses.

4. Applications submitted without REQUIRED documentation will not be considered.

Your application documents must clearly indicate how you meet the qualifications of the position.

Notes

Online applications can be submitted at <http://www.winnipeg.ca/hr/>. For instructions on how to apply and how to attach required documents please refer to our [FAQ's](#) or contact 311. The City of Winnipeg uses the [Korn Ferry Leadership Architect Competency Model](#) as part of the recruitment process.

The salary range for this position is \$2,441.40 - \$2,834.33 bi-weekly, as per the Engineer In Training classification.

In accordance with Article 4, an employee who enters the bargaining unit on or after the date of ratification [October 29, 2020] shall be placed on Schedule A-2. Employees of the bargaining unit who are on Schedule A-2 at the time of ratification will continue to be paid in accordance with Schedule A-2. Employees of the bargaining unit who are on Schedule A-1 at the time of ratification will continue to be paid in accordance with Schedule A-1 until they are the successful applicant to a position at a higher Administrative Salary Level (Grade) or they (or the Association on their behalf) initiate a successful reclassification to a higher Administrative Salary Level (Grade) in which case they will be placed on Schedule A-2 and subsequently follow article 25-2 (Position Evaluation - Treatment of Incumbents).

Attainment of the Engineers and Geoscientists Manitoba (E.G.M.) "P. Eng." designation is mandatory within one (1) year following completion of the minimum number of years of experience recognized and required by the Association. Failure to obtain the designation will result in termination of the Designate's employment with the City. Designates who successfully obtain the P. Eng. designation will remain in the Development Program until they are successful in obtaining a permanent engineering position.

Applicants may be required to undergo testing to determine their knowledge, abilities and skills as they relate to the qualifications of the position.

The successful applicant may be required to provide a vehicle for transportation while on City business, subject to the terms and conditions of the City's Transportation Policy.

The successful applicant will be required to complete job specific training required for this position as directed.

Flexible work arrangements which may include flexible hours, remote work, or a hybrid of remote work may be available under Administrative Standard AS-018 – Flexible Workplace; subject to review and approval.

We have great benefits and competitive salaries, and we are committed to ongoing learning and career development!

We value diversity in our workplace. Indigenous peoples, women, racialized peoples, persons with disabilities, 2SLGBTQ+ peoples and Newcomers are encouraged to self-declare.

Only candidates selected for interviews will be contacted. Requests for Reasonable Accommodation will be accepted during the hiring process.