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The Corporation of the Municipality of Clarington Public Works Department requires a GIS Technologist

We are an equal opportunity employer

The Municipality of Clarington is a progressive employer committed to equity, inclusion and diversity within its community and organization. We are committed to building an inclusive and barrier-free environment for our team.

We are pleased to accommodate individual needs in accordance with the Accessibility for Ontarians with Disabilities Act, 2005, within our recruitment process. If you require accommodation at any time throughout the recruitment process or in performing your position should you be selected please contact the Human Resources Division at careers@clarington.net.

Who we are

Clarington is one of eight municipalities in Durham Region. With a population of 105,000 people and growing, Clarington offers residents a blend of city living and rural charm. The corporation is made up of six departments that report through to the Chief Administrative Officer.

The Municipality of Clarington is an equal opportunity employer and a great place to build a career. We value teamwork, diversity and offer an environment where staff can grow and pursue advancement opportunities while making a difference to the community.

What the role entails

The Municipality's Public Works Department requires a GIS Technologist to support with all land development data management, spatial analysis and reporting, visualization, and technology needs. Reporting to the Asset Management Supervisor, the GIS Technologist will work with the Municipality's Geographic Information System to create mapping products, undertake asset data analysis, and manage and maintain databases and associated metadata.

Responsibilities

The following responsibilities and duties of this position includes but is not limited to:

- Maintaining and monitoring the day-to-day operation of the Public Works GIS system.
- Creating, compiling and maintaining cartographic products, ensuring accuracy, realistic representation of features and high-quality design.
- Undertaking spatial analysis using GIS databases and tools.

- Overseeing the data input, quality control, and ongoing development and functionality of the Municipal Business Solution (MBS) for the department.
- Acting as a liaison with the Information Technology Division on the MBS, including assisting in testing and updating of MBS.
- Primary support (super-user) of the municipal development tracking system (Amanda).
- Performing data loads provided by consultants to operational databases and performing asset management as needed by the department.
- Mapping lead for Public Works maintenance activities such as crack sealing and winter control.
- Using the latest 3-D modelling and visualization techniques and stay up to date on new trends in GIS.
- Training of Public Works staff on desktop GIS mapping software and mobile GIS applications, as necessary.
- Answering or directing internal and external customer inquiries.
- Developing partnerships with other levels of government and agencies to ensure our mapping layers are as current as possible.
- Coordinating and tracking data sharing arrangements and leading the department in the Clarington Open Data Strategy.
- Identifying opportunities for streamlined and automated workflows and establishing data standards, integrity procedures and processes.
- Developing advanced web-based map applications for use by staff and external contractors performing work on behalf of the department.
- Developing and maintaining an internal facing web-based asset viewer for use by the department.
- Other duties as may be assigned, including support for evening meetings.

Qualifications

The successful candidate will possess:

- Post-secondary degree in Geography, or related discipline, and a post graduate diploma in Geographic Information Systems or equivalent education and experience to the satisfaction of the Director of Public Works.
- Post-secondary certificate or diploma in Asset Management from a recognized body would be an asset.
- Minimum of three years of experience in the application of ArcGIS software and spatial database creation and maintenance, preferably in a municipal environment.
- Excellent keyboarding skills with attention to detail.
- Advanced proficiency in the MS Office suite of software, Adobe Acrobat, ArcGIS Desktop, ArcGIS Pro, ArcGIS Server/Enterprise, and ArcGIS Online.
- Strong working knowledge of database management (SQL, SDE, FGDB) and programming and scripting (Python).
- Good working knowledge of creating and using databases such as a development tracking system (Amanda), Citywide, Worktech and experience in 3D GIS mapping skills would be an asset.
- Working knowledge of AutoCAD / Civil3D would be an asset.

- Must have excellent organization and communication skills, verbal, written and graphic.
- Demonstrated ability to work effectively in team situations or with minimal supervision, and able to meet tight deadlines.
- Exceptional customer service and interpersonal skills.
- Proven ability to learn new technologies quickly and maintain up-to-date knowledge of trends in geomatics industry.
- Strong problem-solving ability to provide guidance and solutions to non-GIS staff on mapping issues.
- Legally able to work in Canada

What we offer you

We offer the following for this position:

- Salary: \$59,809 - \$74,602 Code 10 of the 2020 Inside Collective Agreement. Subject to Pay Equity.
- A comprehensive benefits and pension program to ensure that your total compensation package addresses both your work and life needs.

Additional information and requirements

Pre-employment testing for this position may include written and oral testing, to assist in determining the successful applicant. A passing score will be considered to be 60% on each test with the highest score considered in the award.

Prior to starting the position, the successful candidate must provide, at their own expense, a current (within the last 180 days) satisfactory criminal reference check, from a Canadian Police Information Centre. Applicants who have been employed with the Municipality within the last year and have provided a criminal reference check within the last 365 days are exempt from providing another criminal reference check.

The Municipality of Clarington requires new employees to be fully vaccinated against COVID-19. Valid exemptions pursuant to the Ontario Human Rights Code will be assessed on a case-by-case basis. If contacted for an employment opportunity and you require accommodation under policy H-37 – Workplace COVID-19 Vaccination, please contact humanresources@clarington.net for additional information. Please note that resumes should not be sent to this email.

How to apply

To view this position and to submit your application online, please visit www.clarington.net/careers. Applications will be accepted until **Monday, July 4, 2022, at 4:00 p.m.**

This job competition number is **File # 94-22.**

We thank all applicants for their interest. However, only those under consideration will be contacted.

Privacy

Applicant information is collected under the authority of The Municipal Act, 2001 and the Municipal Freedom of Information and Protection of Privacy Act for the purpose of evaluating the applicant. Questions about this collection should be directed to the Director of Legislative Services by calling 905-623-3379.