100 John West Way
Aurora, Ontario
L4G 6J1
(905) 727-3123
aurora.ca

AURORA

Town of Aurora
Employment Opportunity
Planning and Development Services

Division of Human Resources

Infrastructure Analyst, Engineering

Permanent, Full-Time
$77,807.15 to $97,259.06 annually

Reporting to the Manager of Engineering and Capital Delivery this position is responsible for developing and maintaining the Engineering asset management database to support the infrastructure assets managed by the Engineering Division, including the road network, water, sanitary and storm sewer infrastructure, storm water management systems, traffic management assets, street lighting and other additional asset classes. Responsible for data collection and inventory assessment, risk condition and failure analysis, life cycle analysis and performance benchmarking. Responsible for preparing annual reports and supporting documentation required for reporting on tangible capital assets to meet legislative requirements. Through the asset management program, this position supports service level decisions, funding requests, maintenance management and asset optimization. Support for infrastructure management functions and development of Public Sector Accounting Board (PSAB) based management and reporting tools. Develop and maintain integration with other corporate tools to ensure efficient data sharing and effective utilization of all corporate technology. This position is responsible for managing large quantities of data, acquiring and creating spatial data, models and databases, producing cartographic products and reports and analysing data relationships.

To be considered for this opportunity you must possess formal academic training in Civil Engineering Technology, Information Technology or Computer Science along with professional accreditation or eligibility for same in the Ontario Association of Professional Engineers or Ontario Association of Certified Engineering Technicians and Technologists (O.A.C.E.T.T.) You will have a minimum five (5) years of work-related experience in Civil or Municipal Engineering fields with emphasis on Asset Management, Data Management or equivalent environment. You will have thorough working knowledge of trends in the use of current technology as it relates to data management systems and understanding of programming development cycle. You demonstrate proficiency with Asset Management and GIS format systems, AutoCAD, ArcGIS software database architecture and MS Office Suite. Ability to use Structured Query Language (SQL) and manage large quantities of data, advanced use of Microsoft Office applications, including Excel function implementation and macro development. Experience creating and using Microsoft Access databases to generate reports. Knowledge of .NET development, web development, including HTML and JavaScript, programming languages (e.g., Python, VBA) and RDBMS would be considered an asset. You are able to deal courteously and effectively with staff and the general public, using sound communication skills. You demonstrate excellent organizational, project management, report writing, analytical and problem-solving skills. A valid Class "G" Driver's License in good standing and reliable vehicle to use on corporate business is required.

Successful applicant to this position will be required to provide a **Police Criminal Record Check** and **Drivers Abstract** that is satisfactory to the Town prior to his/her start date at the applicant's own cost.

If you are interested in joining our dedicated team of municipal professionals, please forward your resume to: Human Resources, Town of Aurora, 100 John West Way, Box

Posting date: June 10, 2021

1000, Aurora, Ontario, L4G 6J1 or email to: hr@aurora.ca by **July 5, 2021** quoting the job title and reference number **21-36**.

The Town of Aurora is an equal opportunity employer. We are committed to inclusive, barrier-free recruitment and selection processes and work environments. If you are contacted for a job opportunity, please advise the Human Resources Division of any accommodations needed to ensure you have access to a fair and equitable process. Any information received relating to accommodation will be addressed confidentially. We thank all applicants and advise that only those selected for an interview will be contacted.

Applicant information is collected in accordance with the Municipal Freedom of Information and Protection of Privacy Act and will be used to determine qualifications for employment with the Town of Aurora. Questions about this collection of personal information should be directed to the Human Resources Division at 905-727-3123.

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