Intelligent Transportation Systems Technologist

Primary Responsibilities:

Under the direction of the Supervisor, Traffic Systems and Intelligent Transportation Systems (ITS), the successful candidate will perform tasks related to the Traffic Control System, including Intelligent Transportation Systems (ITS), and traffic signal communications to ensure safe traffic signal operation within the City of Mississauga. The position is responsible for the following:

- Liaise with contractors, vendors and stakeholders to procure the implementation, setup and validation of Intelligent Transportation Systems (ITS) andAdvanced Transportation Management Systems (ATMS) installations.
- Contract management including assisting in budget preparation for procurement of equipment relating to the ATMS.
- Assist with the evaluation and field execution of future Intelligent Transportation Systems (ITS) and Advanced Transportation Management Systems (ATMS) large scale projects.
- Liaise with City's IT department, contractors and Rogers Communications to maintain traffic signals communication infrastructure.
- Respond to complaints and inquiries related to the Advanced Transportation Management System (ATMS) and Intelligent Transportation Systems (ITS).
- Provide guidance to technical and inspection staff.
- Prepare technical and corporate reports.
- Performing other duties as assigned or required.

Job Specifications:

- Post-secondary degree or diploma in Traffic Engineering, Civil Engineering, or related discipline.
- Certification with OACETT as a Certified Engineering Technologist or equivalent.
- A minimum of 5 years related experience in municipal Traffic Engineering practices involving traffic signals and systems.
- Strong working knowledge of Advanced Transportation Management Systems (ATMS), Traffic Signal Control Systems, Intelligent Transportation Systems (ITS), Communication Systems (i.e. IT protocols / principles / IP communications including Wireless / Fibre / Cellular / City networks).
- Knowledge of contract management procedures including budget preparation for procurement of equipment relating to Intelligent Transportation Systems (ITS) and Advanced Transportation Management Systems (ATMS).
- Experience with MS SQL reporting to create ad-hoc reports relating to the needs of the ATMS would be an asset.
- Thorough knowledge of applicable Acts, By-laws, regulations and standards, including Occupational Health and Safety Act, Highway Traffic Act, Ontario Traffic Manuals, International Municipal Signal Association Standards, etc.
- Demonstrated leadership potential to provide functional guidance to technical and inspection staff.
- Understanding of basic financial and budget monitoring functions including demonstrated attention to detail.
- Strong analytical, problem solving and decision making skills with the ability to determine an effective course of action.
- Solid interpersonal and communication abilities to deal effectively with staff, elected officials, contractors, external agencies and the public.
- Strong organizational skills with the ability to coordinate multiple competing tasks.
- Ability to work both independently and as part of a team, with the flexibility to adapt to the team's priorities.
- Computer proficiency and experience with Microsoft Office and relevant software applications.
- A valid Ontario Class 'G' driver's license and availability of personal vehicle.

Hours of Work: 35 hours per week
Salary: $68,431 - $91,245
Closing Date: April 25, 2018

Number of Openings: 1 Permanent Full-time
Department/Division/Unit:Transportation and Works/Works Operations and Maintenance/Traffic Management
Work Location:3185 Mavis Road, Mississauga

Please apply by following this link: https://careers-mississauga.icims.com/jobs/3797/intelligent-transportation-systems-technologist/job?mode=view&mobile=false&width=543&height=500&bga=true&needsRedirect=false&jan1offset=-300&jun1offset=-240

A Criminal Record Search will be required of the successful candidate, at his or her own expense, to verify the absence of a criminal record for which a pardon has not been granted.
We thank all who apply, however, only those candidates selected for an interview will be contacted.
All personal information is collected under the authority of the Municipal Act.
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We are an Equal Opportunity Employer. In accordance with the *Accessibility for Ontarians with Disabilities Act, 2005* and the Ontario *Human Rights Code*, the City of Mississauga will provide accommodations throughout the recruitment, selection and/or assessment process to applicants with disabilities. If selected to participate in the recruitment, selection and/or assessment process, please inform City Human Resources staff of the nature of any accommodation(s) that you may require in respect of any materials or processes used to ensure your equal participation. All personal information is collected under the authority of the *Municipal Freedom of Information and Protection of Privacy Act*.