

# CITY OF HAMILTON

**LAST REVISION – FEBRUARY 26 2019**

## **PUBLIC WORKS DEPARTMENT**

**(CUSTOMER SERVICE AND COMMUNITY OUTREACH – LOCATION - 330 WENTWORTH ST. N.)**

### **SENIOR APPLICATION DEVELOPER - CUPE 5167**

#### **SUMMARY OF DUTIES**

The senior application developer reports directly to the Senior Project Manager Water Information Systems; and is embedded in the Hamilton Water Information Systems (WIS) business unit. Their role is to provide application support and development needs related to Hamilton Water's CMMS and asset management systems (currently Infor Public Sector – Hansen (IPS) and Infor EAM. This support includes ensuring that the system is kept up to date with the latest releases through diligent testing and implementation. It also includes creating or maintaining custom pages/fields, workflows, triggers and safeguards to support the various operations utilizing IPS. Priority is given to Hamilton Water's (HW) needs; however support may be provided to other client groups through the coordination of projects with HW.

#### **GENERAL DUTIES (INCLUDING BUT NOT LIMITED TO)**

Performs regular maintenance on the asset management system to ensure that it is running efficiently and downtime is minimized.

Stays up to date with latest releases and patches; testing these and providing recommendations on their implementation

Develops and maintains links with other databases and management systems as required (i.e. Lagan, PeopleSoft, and hydraulic modeling software).

Manages and maintains the various server environments such as development, testing, staging and production.

Maintains user accounts and permissions for the asset management systems

Provides troubleshooting services related to the asset management systems

Creates procedures and documents system functions and structure

Provides support for and creates complex queries and reports as required

Verifies all development has been thoroughly tested before promoting to production

Migrates data from one system to another as required

Notifies users of system issues, maintenance nights and provides a summary of updates (What's New!)

Develops partnerships with other departments, municipalities and companies to enhance efficiency and share ideas.

Provides input in to the procurement process for new solutions and may participate in the evaluation process.

Attends meetings, conferences, and training sessions as needed to maintain current knowledge of the latest management systems.

Performs other duties as assigned which are related to the major responsibilities of the job.

Works in accordance with the provisions of applicable Health and Safety legislation and all City of Hamilton corporate and departmental policies and procedures related to Occupational Health and Safety.

**QUALIFICATIONS**

1. Demonstrated knowledge of the theories and practices of Computer Science Management usually acquired by obtaining a University Degree in Computer Science or related Discipline plus progressive work experience or an equivalent combination of education and work experience.
2. Experience with Computer Maintenance Management Systems and Asset Management Systems
3. Proven experience providing maintenance and development services for enterprise solutions at a senior developer level
4. Proven experience managing major system updates and data migration
5. Must have the ability to write and interpret at least one programming language such as C, C#, VB.NET, etc.
6. Demonstrated ability to write, interpret and modify Microsoft SQL at an intermediate to advanced level.
7. Demonstrated working knowledge of reporting software such as Crystal Reports and/or SQL Server Reporting Services (SSRS) and/or Power BI/Tableau
8. Experience with Geographical Information Systems (GIS) is an asset
9. Demonstrated analytical, interpersonal and organizational skills.
10. Proven ability to work independently as well as part of a team.
11. General knowledge of infrastructure systems such as Water, Wastewater, and Road networks and applicable system components is preferred.
12. Must possess strong verbal and written communication skills.
13. Must be able to work occasional evenings or weekends
14. Must possess a valid class "G" driver's licence and provision of personal vehicle for use on the job.

**THIS POSITION REQUIRES A VALID CLASS "G" DRIVER'S LICENCE AND PROOF THEREOF IS REQUIRED AFTER HIRE.**