Posting of Position Vacancy

Competition No. T10620/18	Closing Date October 19, 2018

Position Title GIS Technologist	Salary Range/Wage Rate PG 24 $2,591.15 - $3,059.50 bi-weekly
Department Corporate Services	Employee Group Teamsters Local 31
Location 4730 Kingsway	Position Status Full-Time Regular
Hours of Work 36.25 hours / 5 days per week	Anticipated Start Date November 2018

DUTIES:

Analyzes divisional user requests for information, consults with users about information requirements and provides advice on system capabilities; prepares details specifications for programs; designs, codes and tests programs and subroutines of varying complexity to access specific data or generate reports from the geographic database and related systems to meet user needs; sources internal and external data and plans the integration with existing data sets.

Maintains the Geographic Information database by entering and editing graphic and non-graphic data from source maps and related documentation into the computer, using a graphics work station and related equipment; produces hard copy base, legal, and related maps and reports from the computer as scheduled or required.

Identifies software and hardware problems, notifies and maintains liaison with the system vendor and equipment service companies; carries out test procedures on system modifications; documents system changes, procedures and problems.

Participates in setting priorities on user service requests; makes recommendations regarding the development, alteration or refinement of the geographic system's capabilities to better meet departmental requirements.

Provides guidance to divisional staff as required; maintains liaison with user to ensure that information entered on databases linked to the geographic system meets prescribed standards; identifies and resolves anomalies in data quality as appropriate.

Assembles non-graphic data from various departmental files, charts, card systems and similar records.

Performs related work as required.

To apply for this position please use the Employee Application Form.	

Reply to: Human Resources Office
           Metro Vancouver
           4730 Kingsway
           Burnaby, B.C. V5H 0C6
Email: careers@metrovancouver.org
	Date Posted
	October 12, 2018

	Signature Original signed by Tara Dong

Each applicant is responsible for ensuring that the Human Resources Department receives his/her application by 4:30 p.m. on the closing date. Any application received past this time will be considered late. Candidacy of late applicants will be considered in conjunction with external applications or with any applicable provisions of the collective agreement.

REQUIREMENTS:

Completion of a two year diploma program in computer systems technology from a recognized Institute of Technology and completion of a geographic information system post diploma program; plus sound related experience; or an equivalent combination of training and experience.

Considerable knowledge of computer assisted mapping techniques, programming methods applicable to the work and of the software programs and hardware components of the geographic information system such as the ESRI ArcGIS suite of desktop products, ArcOjects, Python scripting and Autodesk products.

Considerable knowledge of the requirements and applications of the graphic and non-graphic data on the information system.

Sound knowledge of District mapping standards and requirements.

Sound knowledge of mapping principles, techniques and materials, of simple mathematics, coordinate geometry, and survey computations.

Ability to maintain a variety of records, reports and information systems related to the work.

Ability to design, code and test programs and subroutines on the geographic information system.

Ability to identify software and hardware problems, perform tests and document system changes, procedures and problems.

Ability to formulate recommendations for system improvements and refinements.

Ability to provide guidance to divisional staff as required.

Ability to maintain effective working relationships with a wide range of internal and external contacts.

Skill in the use of a graphics work station and related computer equipment.

A full class spec. T254 is available in Human Resources for review.