



March 30th, 2021

JOB OPENING: permanent position

**GEOMATICS TECHNICIAN
TECHNICAL SERVICES - ENGINEERING
DEPARTMENT**

NATURE OF THE WORK

Under the supervision of his immediate supervisor, the incumbent performs technical work related to the realization of the department's work or activities. The work consists of creating and integrating databases, updating, processing and structuring geomatic data.

The incumbent prepares drawings and plans and provides interpretations for various Technical Services Engineering Division projects. In addition, the incumbent maintains the City's geomatics information system.

EXAMPLE OF TASKS PERFORMED

- Administers applications dedicated to geomatics;
- Assists his/her superior in coordinating the operations of the various geomatics stakeholders;
- Assists supervisor in the analysis of user needs; Designs, implements and administers geomatic databases;
- Participates in the design, enhancement and development of new geomatics applications.
- Ensures that the links of the various corporate systems related to geomatics are functioning properly, verifies the integrity of the databases and updates the data on a regular basis.
- Establishes project-specific graphic concepts for base maps and thematic maps, as well as the procedures and techniques for their realization. Plans and implements the appropriate layers for the printing of these maps.
- Operates various measuring equipment such as total station, GPS, GNSS receiver, and various other CAD related devices
- Verifies and performs survey surveys and processes information using computer-aided design (CAD) software;
- Carries out specific projects, studies the requests, determines their feasibility according to the constraints of the system and the data available in the databases and determines the deliverables following the agreement of his/her superior.



- See to the realization of the technical drawings (CAD) requested by the various departments.
- When required, acts as a resource person for the interpretation of survey documents.
- Plans the selection and collection of data relevant to the various thematic projects or base maps in collaboration with the applicants, ensures the collection and validation of these data; links these data to the base maps.
- Writes and maintains specifications for base maps and thematic maps.
- Develops, using programming tools, databases and their associations with base maps, as well as programs for the cost-effective automation of work steps related to the thematic mapping production cycle. Documents program libraries.
- Designs and produces dissemination products specific to the representation of the territory from cartographic documents, aerial photos, land survey records, cadastral compilation, the Town's property register, etc.
- Integrates aerial photography with geomatics.
- Update cadastral plans, development plans, traffic plans, water and sewer plans, street plans, sidewalks, curbs, lighting plans, including profiles and all other plans related to his work.
- Participates in the updating of drawing and mapping standards.

REQUIREMENTS AND QUALIFICATIONS

- Hold a college diploma (DEC) in geomatics technology or the equivalent recognized by the Ministère de l'Éducation du Québec.
- Two (2) years of experience but less than three (3) years in geomatics.
- Bilingualism (French and English).
- Possess a valid driver's license.
- Good knowledge of technical drawing, thematic mapping, CAD techniques and conventions, databases, geographic information systems.
- Proficiency in Microsoft Office Suite.
- Excellent communication skills.
- Analytical mindset.
- Good ability to perform precision work.



CONDITIONS AND BENEFITS

The Town of Mount Royal has advantageous conditions for its employees. For this position, it offers, among others:

- The salary ranges from \$28.53 and \$40.75 per hour;
- A car allowance;
- A stable schedule of 35 hours per week from Monday to Friday;
- Insurance;
- Defined benefit pension plan;
- Vacation, floating holidays and sick leave;
- On-the-job training.

PLEASE NOTE:

Applications will be accepted until **Friday, April 9th, 2021, 4:30 pm**. The interested candidates should send their curriculum vitae to Roxane Gaudreau, Human Resources Consultant, by e-mail at humanresources@town.mount-royal.qc.ca, mentioning the contest number **2021-11**.



Human Resources

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