

Greater Vancouver Regional District

Position Description: Senior Surveyor (G---)

Feb 2012

Purpose: This position is responsible to provide survey services and related information to assist the various Metro Vancouver departments with the ongoing design, construction, operation and maintenance of water, sewer, solid waste systems and infrastructure and other corporate facilities.

Duties: *(The duties described hereunder are to be representative of the position and are not to be considered as all-inclusive.)*

Supervise and direct one or more Survey Assistants.

Co-ordinate crew(s) and equipment for survey projects.

Perform: control, topographical, construction layout, hydrographic, as-built, settlement monitoring, quantity, utility locates and other surveys as required.

Assist the Survey Inspection Supervisor in reviewing and assigning survey projects.

Coordinate contract survey companies and ensure that they work to Metro Vancouver Survey Guidelines and Standards.

Monitor survey work on assigned projects and report status to the Survey Inspection Supervisor on a regular basis and assist in resolving issues.

Assist supervisor to review submittals regarding survey proposals, requests, estimates, drawings, survey data, invoices, etc.

Perform surveys using GPS.

Maintain lines and grades on construction projects.

Perform all required survey calculations and procedures.

Perform precise benchmark runs.

Utilize a computer to extract data from electronic survey equipment and edit the information for presentation and electronic filing.

Use a computer for writing memorandums and preparing other engineering survey related material.

Recommend purchase or rental of survey equipment.

Ensure that routine maintenance of equipment is performed.

Obtain survey information from Land Titles offices, engineering firms, municipal offices, etc.

Record and reduce all survey notes neatly and accurately, including properly indexing field books.

Use electronic pipe and metal detection equipment.

Maintain survey standards.

Provide mentorship and guidance to junior survey staff.

May be requested to act for supervisor as required.

Perform other related duties.

Requirements:

Diploma in Geomatics Engineering Technology from BCIT or other recognized technical institute plus at least ten years of directly related and progressive survey experience.

Valid BC drivers licence.

Considerable experience in the use of conventional and electronic survey instruments, and hydrographic survey equipment.

Considerable knowledge of tidal datum and tables.

Considerable knowledge of standard engineering terminology and applicable practices.

Ability to read and interpret engineering drawings.

Ability to communicate and deal effectively with Metro Vancouver staff, outside organizations, contractors and the public.

Considerable knowledge of safety procedures and WorkSafe regulations and ability to apply regulations.

Considerable experience in the use of computers and applicable software.

Effective verbal and written communication skills.

Demonstrated ability to supervise staff.

Membership, or eligibility for membership as a Technologist with the Association of Applied Science Technologists and Technicians of BC.

Up to date technical knowledge of surveying techniques, regulations, etc.

Ability to identify and address training needs of other survey staff.