Position Title: Draftsperson II
Position Status: Full-Time Regular
Department: Water Services
Employee Group: Teamsters Local 31
Location: 4730 Kingsway, Burnaby

Description:
Our Water Services Department is seeking a Draftsperson II who will work in the preparation of electrical, instrumentation and communication drawings for water, wastewater and drainage facilities.

You are: primarily an electrical drafter with experience working on fabrication details, loop diagrams, schematic and wiring diagrams, single line diagram, etc.).

This role:

- Prepares engineering drawings of moderate difficulty for water, sewer and drainage systems, sewage treatment plants, water reservoirs, pumping stations and ancillary structures, and related electrical services and instrumentation.
- Prepares base plans, topographical maps, electrical and instrumentation drawings; prepares graphs, tabulations, bills of materials, and engineering sketches; copies, traces, revises and colours a variety of drawings.
- Prepares sets of ‘as-built’ drawings for completed construction and installation projects.
- Reduces and plots survey notes. Makes basic technical calculations for dimensioning drawings such as chainage distances, slopes, grades, vertical distances, angles and pipe bends.
- Performs other work of equal importance, difficulty and responsibility requiring comparable qualifications.
- Performs related work as required.

To be successful, you have:

- Completion of Grade XII, including or supplemented by courses in mathematics with Trigonometry and Physics, plus one-year post-secondary training in drafting. Some experience in municipal drafting in related work or an equivalent combination of training and experience.
- Working knowledge of drafting practices, techniques, symbols and terminology.
- Working knowledge of basic technical mathematics and familiarity with engineering nomenclature and practices.
- Ability to carry out oral and written instructions.
• Ability to draw and letter efficiently in both pencil and ink on paper and drafting film.
• Ability to perform moderately difficult drafting assignments and carry out a variety of routine clerical tasks related to drafting work.
• Good drafting, visual and numerical aptitude.
• Skill in the use of drafting and computing instruments, including software applications for design and drafting (e.g. AutoCAD, etc.)

Our Vision:
Metro Vancouver embraces collaboration and innovation in providing sustainable regional services that contribute to a livable and resilient region and a healthy natural environment for current and future generations.

Please follow this link http://www.metrovancouver.org/about/careers/ to our Careers page where you can submit your application by March 24, 2020.