

6307BR - Design Engineering Technologist

Halifax Regional Municipality (HRM) is inviting applications for the two (2) permanent positions of **Design Engineering Technologist** in Design & Construction Services, Public Works. This is a bargaining unit position. If there are no qualified applicants within the NSUPE Local 13 bargaining unit, preference will be given to candidates who self-identify as African Nova Scotians, racially visible persons, women (applying for non-traditional positions), persons with disabilities, Aboriginal persons and persons of the LGBTQ+ community. HRM encourages applicants to self-identify.

This position is responsible for a variety of technical and administrative functions required for the design and tendering of civil/municipal engineering projects. Due to the variety and complexities of the work, the Technologist must possess a strong background in the area of civil/municipal engineering design practices, and must have the ability to operate, maintain and customize procedures for the civil engineering design software (e.g., Autodesk Civil 3D). Autodesk Civil 3D is state of the art design software and requires substantive experience and knowledge to properly utilize it. As well, the Technologist must keep current with ongoing adaptations to the software and industry standards.

The Technologist designs and provides expert knowledge in the field of civil/municipal engineering. The position is required to review existing conditions related to the upgrading and enhancement of municipal infrastructure, and to provide insight, judgement and technical expertise in the development of feasible design solutions. The projects can be new construction or the rehabilitation of municipal infrastructure, and include, but not limited to: streets and roads, storm sewers, bridges, retaining walls, sidewalks, curbs, pavement (resurface, renewal, recycled, etc.), guiderails, traffic improvements, active transportation facilities, parking lots and trails. The Technologist works in a team environment with a Design Engineer and is responsible for researching project background, establishing design parameters and alternatives, preparing complex engineering designs and specifications, estimating project costs, producing record drawings, providing technical and engineering expertise to internal and external contacts, and tendering / awarding of projects ranging in value from several thousand to several million dollars.

QUALIFICATIONS

Education & Experience:

- Diploma in Civil Engineering Technology;
- Minimum of six years of municipal engineering work experience;
- Preferably registered as a Certified Engineering Technologist (CET) with TechNOVA (or eligible);
- A suitable combination of training and experience with a minimum of 10 years of municipal work experience may be considered;
- Have civil engineering design software training from a recognized program or a suitable combination of training and experience.

Technical/Job Specific Knowledge and Abilities:

- High level of expertise in civil engineering design software, preferably Autodesk Civil 3D;
- High level of expertise in computer-aided design, preferably AutoCAD;
- Strong knowledge of the HRM Municipal Services Systems design guidelines and/or other design guidelines necessary to carry out accurate civil engineering designs;
- Proficient in the design and preparation of municipal and civil engineering drawings;
- Proficient in estimating quantities of materials, unit costs, and total costs of municipal projects;
- Strong knowledge of HRM Contract and Specifications for Municipal Services and Nova Scotia Road Builders Standard Specifications for Municipal Services;
- Knowledge of Provincial/Federal regulations and guidelines affecting municipal designs;
- Proficient in Microsoft Office, including Excel, Outlook, etc.;
- Sound working knowledge of GIS, Hansen and CityWorks;
- Effective communication capabilities including writing and speaking skills.

SECURITY CLEARANCE REQUIREMENTS: Applicants may be required to complete an employment security screening check.

Please note: Testing may be conducted as a component of the selection process to assess technical and job specific knowledge. Candidates, who are selected for testing, may be tested in a group setting, scheduled at the employer's discretion.

HRM takes the health and safety of its job applicants and employees seriously. Where possible, recruitment testing and interviews will be done by way of phone, video conference, or other virtual means to assist with and encourage social distancing. For applicants with concerns about computer or internet access or to request another accommodation to the recruitment process, please contact your HR representative or jobs@halifax.ca.

COMPETENCIES: Analytical Thinking; Communication; Conflict Management; Customer Service; Organization and Planning; Organizational Awareness; Risk Management; Teamwork and Cooperation; Values and Ethics; Valuing Diversity

WORK STATUS: Permanent, full time

HOURS OF WORK: 35 hours per week, Monday - Friday, 8:30 a.m. - 4:30 p.m.

SALARY: NSUPE Local 13, Level 7, \$33.08 per hour

WORK LOCATION: Eric Spicer Building, 21 Mount Hope Avenue, Dartmouth

CLOSING DATE: Applicants will be received up to 11:59 pm on May 15, 2022

This is a bargaining unit position. External applicants will only be considered if there are no qualified bargaining unit candidates.

Please note: We thank all applicants for their interest in this position. Only those applicants selected for interview/testing will be contacted.

During the recruitment process, applicants have the right to request an accommodation. Applicants invited to participate in an assessment process (such as an interview or testing) and who require accommodation, should discuss their needs with the Recruiter when invited to the assessment process.

(position # 72282653 and 78629061)

To apply please follow the link

https://sjobs.brassring.com/TGnewUI/Search/Home/Home?partnerid=25749&siteid=5764#jobDetails=733213_5764