



Project Technician – Utility Design (LRT)

Location: Markham, ON (In-Office)

Position Type: Full-Time

Company: GenCore Ltd.

Position Summary

GenCore Ltd. is seeking a motivated **Project Technician – Utility Design** to support the delivery of telecommunications and electrical utility infrastructure projects. Reporting to the Project Manager, the successful candidate will be responsible for preparing utility designs, engineering drawings, quantity calculations, and as-built documentation for telecommunications, electrical distribution, and infrastructure projects.

The ideal candidate will possess strong AutoCAD skills, attention to detail, and a willingness to develop technical expertise in utility engineering and design.

Key Responsibilities

- Produce drafting deliverables including design drawings, quantity take-offs, and as-built documentation, for telecommunications, electrical distribution, and related utility infrastructure assignments, leveraging platforms such as AutoCAD, MicroStation, Revit, SPIDA Calc, IKE Office, Pull Planner, and AGi32.
- Partner with Project Designers and Project Engineers throughout the design lifecycle to safeguard the technical accuracy and completeness of all issued deliverables.
- Interpret permit drawings, municipal records, and reference documentation to confirm the full scope and constraints of each assignment prior to commencing work.
- Engage with Project Designers, Project Engineers, and Field Inspectors on a routine basis to identify, troubleshoot, and resolve technical and field-related issues.
- Verify field captures through structured quality reviews to confirm that all required attributes have been recorded in accordance with project requirements.
- Process field information submitted by Field Inspectors and incorporate the data into design deliverables in a timely manner.
- Assume accountability for the quality of assigned deliverables, tracking project hours and executing work within established time and budget parameters.
- Contribute to the management of project schedules, work assignments, and submission milestones under the oversight of senior personnel.

- Address routine technical issues independently and escalate matters of greater complexity to senior team members in accordance with established protocols.
- Undertake additional duties commensurate with the role as required to support team objectives.

Qualifications

- A minimum of one (1) year of demonstrated drafting experience in AutoCAD or MicroStation is required.
- Advanced working knowledge of AutoCAD, with the demonstrated capacity to customize scripts, tool palettes, and menus, is required.
- Proven ability to read, interpret, and apply information from electrical and civil engineering drawings and site plans is required.
- Working proficiency with the Microsoft Office suite, in particular Word and Excel, is required.
- An exemplary safety and attendance record, supported by a demonstrated commitment to safe work practices, is required.
- A minimum of one (1) year of utility project experience, specifically in telecommunications, hydro, or gas, is regarded as a strong asset.
- Post-secondary credentials in Electrical Engineering, Civil Engineering, or an Architectural program are regarded as an asset.
- Foundational knowledge of applicable municipal standards is regarded as an asset.
- Foundational knowledge of pole line analysis principles is regarded as an asset.
- Familiarity with applicable CSA standards is regarded as an asset.

Compensation

- Hourly Rate: \$24 – \$32 per hour

What We Offer

- Opportunity to work on major transit and infrastructure projects across Ontario.
- Exposure to multidisciplinary engineering design and utility coordination projects.
- Collaborative team environment with opportunities for professional growth.
- Competitive compensation and benefits package.

Apply Now!

Send your resume to info@gencoreutilities.com