

Job description: Telecom Team Lead

Location: Markham, Ontario

Employment Type: Full-Time

About GenCore

At GenCore, we deliver innovative, sustainable, and technically advanced solutions across the utility, energy, and industrial sectors. Our Telecommunications division is growing, and we are looking for a talented Telecom Team Lead to support the development and delivery of complex telecommunications systems for utility, industrial, and infrastructure projects.

Position Summary

We are seeking a Telecom Team Lead to join our dynamic team and contribute to the design and documentation of telecommunication networks and infrastructure systems. The successful candidate will work closely with engineers and project managers to prepare detailed drawings, layouts, and design packages for fiber optic, wireless, and structured cabling systems across power utility and industrial environments.

This role offers the opportunity to gain hands-on experience in a fast-growing discipline, collaborate with multidisciplinary teams, and develop professionally within GenCore's expanding telecommunications group.

Key Responsibilities

Design and Drafting

- Prepare high-quality AutoCAD drawings, 2D layouts, schematics, and as-built documentation for telecommunications systems. Having 3D layout design is an asset.
- Develop detailed designs for fiber optic, copper, and wireless networks, including routing, conduit, and equipment layouts.
- Support engineers in creating design packages, construction drawings, and material take-offs.
- Ensure all drawings and documentation comply with company standards, client requirements, and applicable codes.
- Assist with the design of equipment shelters, towers, and telecom structures, coordinating with civil and electrical teams.
- Prepare permit packages

- Maintain drawing databases and project records, ensuring consistency and version control.

Collaboration and Support

- Work closely with telecommunications, civil, and electrical engineers to deliver coordinated design packages.
- Participate in design review meetings and incorporate feedback efficiently.
- Assist in preparing design documentation, specifications, and technical submittals.
- Support field verification and as-built updates following construction.

Quality and Continuous Improvement

- Follow internal design standards and contribute to the improvement of drafting templates and processes.
- Maintain a strong commitment to safety and quality in all design activities.
- Support process improvement initiatives to enhance drafting accuracy and efficiency.

Qualifications and Experience

- Diploma in Telecommunications or CAD Design.
- 2–7 years of experience in telecommunications or electrical design, ideally within utility or industrial sectors.
- Proficiency in AutoCAD (AutoCAD Electrical, AutoCAD Map 3D, or Civil 3D considered an asset).
- Familiarity with telecommunication systems, including fiber optic, copper, and wireless networks.
- Experience with Telecom Outside Plant (OSP) and Inside Plant (ISP) drawings (an asset).
- Working knowledge of industry standards such as TIA, IEEE, CSA, and IEC.
- Strong attention to detail and ability to work in a fast-paced, team-oriented environment.
- Excellent communication and organizational skills.

Why Join GenCore

- Opportunity to contribute to high-impact telecommunications projects across Canada and internationally.
- Collaborative, inclusive, and growth-oriented work environment.

- Competitive compensation, comprehensive benefits, retirement savings plan, and flexible work schedule.
- Support for professional development, training, and advancement within the company.

Apply Now

Submit your resume and portfolio (if available) to [insert email or application link].