

SUPPA ENGINEERING

Suppa Engineering is a Mechanical, Electrical and Structural engineering firm, with offices in North Bay and Orillia, Ontario, providing building systems engineering to public and private sector clients.

Our Mission is to build trusted relationships and serve our clients through integrity, honesty, hard work, and accountability in a collaborative, solution-oriented environment focused on providing the right solution instead of the easy solution, in the most efficient and cost-effective way possible.

JOB OVERVIEW

Suppa Engineering is looking for a skilled Electrical Engineer to join our team in North Bay, Ontario. The ideal candidate will have a minimum of 5 - 10 years of Canadian experience with extensive and comprehensive knowledge of building services (Power Distribution, Lighting, Fire Alarm and Life Safety Systems, Emergency Power and Communications).

Reporting directly to the president, you will be responsible for working on all stages of our projects, from proposal and concept to design drawings, site inspections and construction contact admin.

To be successful as an Electrical Engineer at Suppa Engineering, you should be a highly creative individual who shares our passion for engineering, have a positive and optimistic outlook and enjoy the process of developing and finding innovative solutions to our clients' problems.

RESPONSIBILITIES AND DUTIES

- Provide cost effective and energy efficient design of Power Distribution, Lighting, Fire Alarm and Life Safety Systems, Emergency Power and Communication Systems for the industrial, commercial, institutional, and residential sectors.
- Perform electrical load calculations, studies and code reviews. Design of electrical distribution systems, including coordination with local utility, site power installations and building specific panel and distribution layouts.
- Complete interior and exterior lighting design, including fixture selection, control schematics and coordination with other disciplines.
- Design of emergency and back-up power systems, including generators and UPS systems.
- Design of fire alarm, emergency lighting, exiting and other life safety systems.
- Design of communications, security and access control systems and components.
- Liaise and attend meetings with relevant parties to a specific project.
- Prepare sealed working electrical drawings for Review, Permit, Tender and Construction.
- Prepare project specific electrical specifications.
- Coordinate with all relevant project stakeholders, such as client, architect, structural engineer, mechanical engineer, general contractor, mechanical trades, etc.

- Prepare engineering reports including analysis of existing system and provide studies and recommendations.
- Execute construction administration duties including bid document preparation / evaluation; act as consultant between client and contractor(s).
- Prepare site inspections and reports to ensure that construction is in progress or completed as per the design and responsible for solving on-site issues during the construction phase.
- Travel to sites and meetings will be required; automobile required for local travel. Travel throughout Ontario may be required.

QUALIFICATIONS

- Minimum 5 years of experience in electrical building services design.
- Bachelor's degree in Electrical Engineering.
- Licensed as a Professional Engineer in the province of Ontario.
- Excellent knowledge of The Ontario Building Code, Ontario Electrical Code, ASHRAE 90.1, etc.
- Ability to lead a team of designers in a highly efficient manner.
- Ability to function as a member of a multidisciplinary team and coordinate electrical activities between disciplines.
- Have strong analytical and decision-making abilities in resolving related problems.
- The ability to plan, organize and execute work in an integrated work environment.
- Have the ability to communicate their technical ideas in a clear manner.
- Superior computer skills, with solid experience in AutoCAD.

At Suppa Engineering, we believe in the opportunity for growth, and support our employees in helping them to build satisfying careers through flexible work hours, remote working opportunities, a strong sense of family and community, and a healthy work-life balance. All employees receive competitive compensation, flexible benefits, and a minimum 3 weeks vacation.

We encourage you to visit www.suppaengineering.ca to find out more.

If this opportunity interests you, and you meet all of the above qualifications, please submit your resume and a cover letter to:

Suppa Engineering
592 Cassells St.
North Bay, On, P1B 3Z7
admin@suppaengineering.ca

*We thank all applicants for their interest,
however only those candidates selected for interviews will be contacted.*