



SENIOR ELECTRICAL ENGINEER

Trotter and Associates, Inc. is an established civil/ environmental engineering and surveying firm based in St. Charles, Illinois. The firm was originally founded based on its expertise in water/wastewater engineering. The firm has expanded its services to include traditional Civil/Site, as well as Watershed Resources and Utility Infrastructure Rehabilitation. Currently, TAI serves over 80 municipalities throughout northern Illinois and southern Wisconsin.

Trotter and Associates, Inc. has an excellent reputation for working closely with our clients to develop project specific solutions that meet each community's individual needs. The firm's client base and workload has continued to expand at an unprecedented rate. TAI has developed a strategic plan to facilitate the continued expansion of the firm. As part of that Strategic Plan, TAI has begun to assemble an ASME support services team for our Water/Wastewater (WET) Division, with the goal of expanding services beyond WET to other areas of municipal services including Public Works, Police, Fire Stations, etc. Our goal is to develop elite team of architects, structural, electrical, and mechanical engineers within the next eighteen months.

TASKS AND RESPONSIBILITIES

We are seeking a Senior Electrical Engineer with experience in design and construction of electrical distribution systems, back up power systems, motor control schemes, and instrumentation and control with expertise in water and wastewater treatment facilities. This position will also be required to provide electrical engineering consistent with the long term goal of supporting ASME services for a broader range of projects. This opportunity is reserved for someone who can make an immediate impact and that is seeking a long term career solution. The functions of the position include developing the basis of design, coordination of electrical elements in support of process design, directing the design team for preparation of drawings and specifications, as well as support of construction phase services. Please note, US citizenship is required, as the firm does not currently have the infrastructure to support sponsorship.

The candidate must have demonstrated technical expertise with a wide range of infrastructure projects and extensive experience serving municipal clients. This individual will report directly to the Chief Structural Engineer (in responsible charge of ASME) and will likely be required to make presentations to clients and elected officials on a regular basis. Furthermore, this individual will be responsible for preparation of proposals, tracking productivity, monitoring project schedules and budgets. As such this individual must possess outstanding work ethic, excellent communication skills and understand the use of multiple leadership styles.

COMPETENCIES AND SKILLS

- ✓ Demonstrates: professional attitude and appearance.
- ✓ Demonstrates: strong leadership and communication skills.
- ✓ Demonstrates: a proven track record in project/personnel management.
- ✓ Demonstrates: sound business acumen and exceptional marketing skills.
- ✓ Demonstrates: flexibility, tact, and excellent interpersonal skills.
- ✓ Demonstrates: ability to manage competing demands and establish priorities.

EDUCATION

- ✓ BS in Electrical Engineering

EXPERIENCE

- ✓ Minimum fifteen years related experience and/or training; or equivalent combination of education and experience.

PROFESSIONAL REGISTRATION

- ✓ Professional Engineer in Illinois

PROFICIENCIES

- ✓ Expertise with low and medium Voltage industrial distribution
- ✓ Firm working knowledge of the National Electric Code (NFPA 70) including Article 500-Hazardous (Classified) Locations
- ✓ Experience with preparing short circuit studies, protective device coordination studies, and arc flash hazards analyses.
- ✓ Instrumentation and control and Supervisory Control and Data Acquisition (SCADA) systems.
- ✓ Expertise in preparation and review of electrical schematic diagrams, wiring diagrams, P&IDs, and single line drawings
- ✓ Experience in the preparation procurement specifications for electrical distributions and controls equipment.
- ✓ Experience in providing support for project construction on-site testing, system startup and troubleshooting.

SALARY

- ✓ Base Salary Range: \$130,000 - \$160,000 per year plus 1.5x overtime.
- ✓ Full benefit package: Simple IRA, Medical, Dental, Vision, Disability, and Life

CONTACT

Applications must be submitted via email: humanresources@trotter-inc.com