POSITION: ELECTRICAL ENGINEER I

Company Overview:

Founded in 1986, Consolidated Engineers is an engineering company of approximately (17) people located in the Reading, PA area designing Mechanical, Electrical, Plumbing and Fire Protection systems. While a large portion of Consolidated Engineers’ work comprises of public K-12 school buildings, stretching from the greater Philadelphia area, north through the Lehigh Valley and west into the Lancaster county area, we also complete projects including collegiate buildings, corporate offices, township buildings, healthcare facilities and industrial plants. Consolidated Engineers is a close-knit company with staff members ranging from new hires in the last few years to senior members hired during the initial years of the company, helping to ensure our reputation of excellence is maintained.

Job Description:

Designer with an ABET accredited engineering degree and minimum 2-5 years of experience working on primary and secondary schools, industrial complexes, office buildings, healthcare and other types of commercial buildings in the construction industry designing electrical power, low voltage and lighting systems.

Job Functions:

- Design electrical power, low voltage and lighting systems including, but not limited to, lighting systems, lighting controls, power distribution, power device layout, emergency generation, circuiting, fire alarm systems, data systems intercommunications systems, and other low voltage systems.
- Document design through plans and specifications using Autodesk AutoCAD MEP and Revit MEP, as well as Microsoft Office applications.
- Survey existing buildings undergoing renovations and attend design meetings as required to facilitate the design process.
- Review and answer RFI’s through bidding/pricing and construction.
- Review shop drawings through construction.
- While Consolidated Engineers employs a construction administrator, it is also required that the designer visit the site to address potential conflicts and/or punch out the building.

Requirements:

- Bachelor of Science in Engineering or Bachelor of Architectural Engineering.
- Engineer In Training (EIT) Certification.
- 2-5 years of experience working under a Professional Engineer in the building industry, with the plan to attain a Professional Engineering License.
- Understanding of the process of designing, bidding and constructing a building.
- Experience in computer programs including Autodesk AutoCAD, Revit and Microsoft Office applications.
- Effective communications skills (verbal and written) to allow interface with co-workers, architects and building owners.
- Willingness and desire to learn and grow.

Benefits:

- Competitive wages/salary.
- Possible end of year bonuses based on performance and company earnings.
- Benefits package including holiday pay, health insurance, life insurance, disability, 401k.
- Family centric environment.
- The ability to advance in the company as abilities are proven.

Contact:

Please submit cover letter and resume to:
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