Senior Fire Protection Engineer

Description
CSI Engineering, P.C., founded in 1987, is a multi-disciplinary engineering services company with core capabilities in engineering design and construction administration. Since our inception, we have been fulfilling the needs of numerous government and private sector clients. The firm houses a number of Professional and Design Engineers and Architects. CSIE and its team have worked with Maryland DGS, WSSC, VA, GSA, USACE, NIH, DOD, DHS, DOS, USDA, DOT and other agencies for more than 25 years, providing a variety of design, design-build, and facility assessment services. We have successfully completed numerous facility design and commissioning efforts, including requirements analysis in support of the engineering for mission critical facilities for multi-site, multi-phase, and multi-year projects. Those facilities included hospitals, research and development centers, laboratories, office buildings, auditoriums, training centers, and data centers.

We are currently seeking an experienced Senior Fire Protection Engineer to join our team. The position will be in our Laurel, Maryland office. We provide a competitive salary (based on qualifications and experience), paid time off, health benefits and benefit package, and an ideal environment for our engineers to grow.

Job Description:
The fire protection engineer will be responsible for completing projects with minimal assistance and supervision. Projects include all aspects of fire protection engineering design from the inception of the project and basis of design to construction completion and commissioning support. This includes responsibilities of solicitation reviews, pre-proposal survey and meeting attendance, proposal preparation, pre-design and programming meetings, site evaluation and analysis, code compliance reviews, occupant load calculations, egress analysis, existing condition assessments, basis-of-design, complete system design, construction administration, and support of testing and commissioning. Typical projects and types of systems include: sprinkler systems (including wet, dry, deluge, pre-action, foam, spray, and mist), hydraulic design, fire pumps, clean agent systems, very early smoke detection systems, smoke, heat and flame detection, fire alarm and mass notification systems. Typical buildings and facilities include: data centers, hospitals, office buildings, transit facilities, maintenance facilities, research and laboratory facilities, schools, and multi-purpose buildings.

Candidate Qualifications:

- BS or BE in Fire Protection Engineering
- 7-10 years of professional experience
- Registered Professional Engineer (ability to serve as Engineer-of-Record)
- Experience in fire protection systems assessments and design per above
- Knowledge and experience of building and design codes, including IBC, NFPA 13, NFPA 101, and NFPA 72
- AutoCAD and/or Revit

CSI is an Equal Opportunity Employer