



Consultant - Fire and Life Safety Engineering

Columbia, MD, United States

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Job Description

This Opportunity

At WSP, we are driven by inspiring future-ready pioneers to innovate. We're looking to grow our teams with people who are ready to collaborate in building communities and expanding our skylines. To do this, we hire candidates of all experiences, skillsets, backgrounds and walks of life. We actively foster a work environment and culture where inclusion and diversity is part of our fundamental structure. This is delivered behaviorally, through our policies, trainings, local partnerships with professional diverse organizations, internal networks and most importantly with the support and sponsorship of our leaders who help drive our commitment to an inclusive, diverse, welcoming and equitable work environment. Anything is within our reach and yours as a WSP employee. Come join us and help shape the future!

WSP is currently initiating a search for a Full-Time Consultant - Fire and Life Safety Engineer for Columbia, MD.

Be involved in projects with our Fire and Life Safety Team and be a part of a growing organization that meets our client's objectives and solves their challenges.

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This opportunity provides technical assistance and guidance for multi-site/phase due diligence, design, development, building, testing, and inspecting of fire and life safety systems on building projects in the public and private sector. Responsibilities include the research, design, concept development, planning, installation, operation, maintenance, and optimal integration of automatic sprinkler, fire alarm, mass notification systems, smoke control, egress analysis, and building and fire code analysis review and compliance. Substantiates reports and documentation regarding installation, construction, and operation specifications. Ensures that responsibilities are delivered and adhered to with a level of quality that meets or exceeds acceptable industry standards for design, safety, and functionality.

Your Impact

- Interpretation of building code, life safety, and fire code requirements. This will include familiarity with both ICC and NFPA codes, including IBC and NFPA 101.
- Review of architectural drawings for compliance with building and fire code requirements
- Negotiating with authorities having jurisdiction on fire safety designs and proposals.
- Producing with limited guidance fire safety strategy documents to inform and support the chosen building form throughout the design process.
- Design of fire protection and life safety systems including automatic fire sprinkler systems, fire detection and alarm systems, smoke management systems, and egress systems.
- With minimal support, carrying out and reviewing fire engineering calculations including smoke modeling and evacuation analysis from simple hand calculations to complex 3D computational modeling.
- Assist in the commissioning of fire protection and life safety systems in commercial, institutional and industrial facilities.
- Directly interfacing with the client.
- Organizing in-house resources.
- Following quality control review processes of all project documentation.
- Developing project proposals and budgets.
- Conducting financial management of all projects.
- Mentoring junior staff.
- Preparing technical reports/specifications.
- Participating in department initiatives.
- Contributing to the overall business development of the company.

Who You Are

Required Qualifications

- Bachelor of Science Degree in Fire Protection Engineering or related engineering degree (or demonstrated equivalent years of technical experience).
- 3 to 5 years of relevant post education experience in engineering discipline and prior fire and life safety design experience.
- Experience in fire protection engineering design applications.
- Excellent verbal and written communication skills

Preferred Qualifications:

- P.E. License is preferred.
- REVIT and AutoCAD proficiency.

Compensation and Benefits:

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WSP provides a comprehensive suite of benefits including medical, dental, vision, disability, life, and retirement savings focused on providing health and financial stability throughout the employee's career.

Expected Salary: \$82,400 - \$112,000

WSP USA is providing the compensation range and general description of other compensation and benefits that the company in good faith believes it might pay and/or offer for this position based on the successful applicant's education, experience, knowledge, skills, and abilities in addition to internal equity and geographic location. WSP USA reserves the right to ultimately pay more or less than the posted range and offer additional benefits and other compensation, depending on circumstances not related to an applicant's sex or other status protected by local, state, or federal law.

#LI-MQ1

Job Info

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About Us

About WSP

WSP USA is the U.S. operating company of WSP, one of the world's leading engineering and professional services firms. Dedicated to serving local communities, we are engineers, planners, technical experts, strategic advisors and construction management professionals. WSP USA designs lasting solutions in the buildings, transportation, energy, water and environment markets. With more than 15,000 employees in over 300 offices across the U.S., we partner with our clients to help communities prosper.

www.wsp.com

WSP provides a flexible and agile workplace model while meeting client needs. Employees are also afforded a comprehensive suite of benefits including medical, dental, vision, disability, life, and retirement savings focused on providing health and financial stability throughout the employee's career.

At WSP, we want to give our employees the challenges they seek to grow their careers and knowledge base. Your daily contributions to your team will be essential in meeting client objectives, goals and challenges. Are you ready to get started?

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WSP USA (and all of its U.S. companies) is an Equal Opportunity Employer Race/Age/Color/Religion/Sex/Sexual Orientation/Gender Identity/National Origin/Disability or Protected Veteran Status.

The selected candidate must be authorized to work in the United States.

NOTICE TO THIRD PARTY AGENCIES:

WSP does not accept unsolicited resumes from recruiters, employment agencies, or other staffing services. Unsolicited resumes include any resume or hiring document sent to WSP in the absence of a signed Service Agreement where WSP has expressly requested recruitment/staffing services specific to the position at hand. Any unsolicited resumes, including those submitted to hiring managers or other business leaders, will become the property of WSP and WSP will have the right to hire that candidate without reservation – no fee or other compensation will be owed or paid to the recruiter, employment agency, or other staffing service.

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