

JAY SMITH, PE, PMP

NEW YORK, NY

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DIRECTOR OF PROJECT MANAGEMENT & ENGINEERING

Senior Nuclear Engineering Project Management Professional with proven experience in overseeing end-to-end, large-scale environmental engineering projects with budgets ranging up to \$350M. Demonstrated success in coordinating and managing project/engineering teams to complete all aspects of engineering projects for diverse client base, including private and government sector contracts. Skilled in overseeing the design, planning, development and execution of projects from initial planning through final completion. Expertise in nuclear energy and environmental engineering regulations, including NRC, DOE, DOD and EPA requirements. Proactively serve as a key catalyst for change and leader in process improvement to support attainment of client goals and operational success.

Areas of Excellence

Nuclear/Environmental Engineering Project Management • Engineering Oversight • Team Building/Leadership
Project Scope/Schedule Management • Quality Control • Safety/Regulatory Compliance • Cross-Functional Leadership
Plant Operations Oversight • Maintenance Management • Client Relations • Budget Control • Process Improvement

PROFESSIONAL WORK HISTORY

SMITH ENGINEERING, New York, NY

2017 – 2018

Senior Engineer & Project Manager

Provided environmental consulting, engineering, construction and project management services for both private and government contracts. Managed all engineering and project functions, including coordinating resources, interacting with clients and stakeholders, securing permits and monitoring budget and schedule.

- Key contributor for projects across numerous market sectors, including land/water development, recreation, transportation, renewable energy, oil & gas, mining, river restoration and Department of Defense (DOD).
- Secured and maintained all required construction and environmental permits, including NEPA, Core of Engineers 404 permits and CO Department of Public Health and Environment.

CHICAGO BRIDGE, New York, NY

2007 – 2017

Senior Construction Project Manager

Progressed through roles of increased responsibility, taking on additional tasks to support organizational goals. Directed project teams through the design and execution of various civil engineering and construction projects, leading up to 130 resources consisting of senior project managers, construction managers, superintendents, foremen and field personnel. Provided end-to-end project management, overseeing all related tasks, including client interactions, design reviews, deliverables management, project planning, scheduling and managing budgets ranging up to \$350M.

- Led a team of project and engineering management through the preparation and execution of the construction of 2 Nuclear AP 1000 reactors. Managed the preventative and corrective maintenance for all related equipment and components to ensure overall functionality.
- Provided strategic project leadership of the \$50M Wolf Creek Nuclear Operating Corporation Post-Fukushima contract related to FLEX, flooding, spend fuel pool modifications and seismic. Managed project teams, scope, budget and schedule to ensure on-time, within budget and NRC compliant completion.
- Functioned as Project/Fabrication Manager, leading a multi-disciplined team through the overall coordination and management of the design, fabrication, assembly and testing of nuclear glovebox shells and process equipment to support the MOX Project in Aiken, SC. Led team of project managers through project planning, cost control, scheduling and project estimates.
- Awarded \$325M in contracts for the MOX facility across 14 domestic and 9 global manufacturers. Assigned field engineers and project manager within each facility to monitor fabrication operations to ensure compliance with NQA-1 and NRC requirements, as well as government contract standards.
- Hired and managed a staff of 70 engineers and designers to complete engineering activities for the Manufacturing Engineering Group; introduced a CADD management system for Pro-E and Solidworks. Efforts led to improved efficiencies, including reducing engineering schedule by 3 months.

SERVICES, New York, NY

2004 – 2007

Director of Engineering

Promoted to role due to outstanding performance as Director of Work Control. Directed the engineering program, overseeing all related functions, including facility maintenance, construction and programmatic work. Built, developed and managed a multi-disciplined engineering team consisting of architects, designers and surveyors. Oversaw the review, approval and management of project plans and documentation, as well as A&E subcontracts. Managed \$12M budget.

- Initiated the implementation of a new, standalone Engineering Division to manage all engineering projects and functions. Developed and maintained a 3-year strategic roadmap and annual business plans for all groups in the division; prepared and managed division structure, work scope and budget.
- Designed and implemented a LANL-wide preventative and predictive maintenance program to ensure optimal equipment performance and reduce downtime.
- Restructured division workforce, driving a reduction of overhead costs by 30%.
- Implemented and monitored key performance indicators (KPIs) and improved project management structure, which yielded a 10% reduction of recharge rates while simultaneously improving customer service.
- Project managed the re-start of the division’s nuclear operations post site-wide shutdown order.
- Managed the implementation of the Integrated Safety Management System (ISMS) and the Job Hazard Analysis programs, resulting in improved efficiency and productivity.

ENGINEERING & CONSULTANTS INC., New York, NY

1999 – 2004

Senior Project Manager

Managed all project activities for large-scale residential, commercial and industrial projects with budgets ranging from \$30M to \$165M. Produced bid estimates and cost projections, reviewed client contracts, coordinated schedule, reviewed project specifications and drawings, tracked materials, supervised construction and managed project budgets. Held direct accountability for site acquisition, permitting, inspections, engineering, zoning and project management.

- Recruited as subcontractor for several national, fiber-optic and telecommunication networks for Level-3 and Williams Communications, as well as for construction and A&E services.

ENGINEERING, New York, NY

1996 – 1999

Maintenance Manager/Project Manager

Oversaw all project phases of the construction of the Rocky Flats nuclear facility, including managing a direct staff of 15 supervisors and indirect team of 200 responsible for maintaining 1M sqft facility. Managed all operational tasks, including leading maintenance and capital improvement budget and coordinating diverse projects.

- Project managed the decommissioning, demolition and removal of plutonium contaminated equipment and glove boxes in a nuclear facility.
- Introduced a Computerized Maintenance Management System (CMMS) and predictive maintenance program, as well as lockout/tag out and confined space program.

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Additional Experience

Environmental & Safety Manager – CG&G; Environmental Project Manager – CG&G

EDUCATION

UNIVERSITY OF COLLEGE, New York, NY – Master of Science, Environmental Project Management

UNIVERSITY OF COLLEGE, New York, NY – Bachelor of Science, Engineering

Professional Development

- Professional Engineering Licensure; Project Management Professional (PMP)
- Registered Environmental Professional; ICC Class A General Contractor
- API Authorized Aboveground Storage Tank Inspector; Asbestos/Lead Inspector
- Certified Weld Inspector (CWI); NQA-I Certified
- ISO-9000 Lead Auditor; LEED AP BD+C Certified
- 40-Hour OSHA/RCRA Certified