



Program Engineer

HOT

Job ID	EC-NA1254PE	Job type	Full-time Regular
Work country	USA	Position type	Professional
Work city	Albuquerque, NM	Posted	1 January 2022
Travel	Occasional	Job area	Consulting & Services
Business group	DOE NNSA Support Services	Job category	Engineering
Business unit	ABQ	Job role	Program Engineer
		Job role skillset	Government Sector

Overview

Under general direction and federal oversight assists the Department of Energy (DOE), National Nuclear Security Administration (NNSA), Office of Stockpile Management (NA-12), Office of Stockpile Modernization (NA-125), W87-1 Modification Program Division, NA-125.4, has an immediate need for two (2-3) full-time contractor Program Engineers to provide technical support to the Federal Program Manager (FPM), as well as program engineer liaison with other Defense Programs (DP), National Nuclear Security Administration (NNSA), and Department of Defense (DOD) organizations associated with the W87-1 Modification Program.

The Program Engineer will assist the W87-1 Modification Program Manager (FPM), Lead Engineer and Senior Engineers with technical oversight, program management, program integration, management. Duties include coordination of day-to-day operations across the geographically dispersed M&O contractors, review and advise on matters pertaining to planning, integrating, and executing policies, programs, and procedures for development of guidance for resolving issues related to this weapons system. This is a full-time contractor-support position located on-site at the NNSA offices in Albuquerque, NM. All candidates must be able and willing to travel based on assigned project demand. Travel requirements may vary.

Experience/Qualifications

- Minimum Bachelor's degree in Engineering or Science, however, a degree in Business, Program/Project Management, or closely related field with relevant experience will be considered.
- **Active DOD TS or DOE Q clearance.**
- Minimum of 10 years of related experience desired, with program/project systems engineering experience managing nuclear weapons system sustainment or acquisition.
- Nuclear weapons and delivery platforms experience desired. However, could be as little as 7 years if the candidate has focused 6.X and interagency experience.
- Manufacturing and Production floor experience in NNSA, military, government, or corporate environments desired.
- NNSA/DOD Interagency experience.
- Managing interdisciplinary teams.
- Knowledge of program and project management/scheduling tools and techniques.
- Excellent written and verbal communication skills with demonstrated experience in writing and editing briefings for senior and executive managers.
- Some travel is required.

Position Description

Apply broad and diversified knowledge of respective nuclear weapons systems engineering, non-nuclear component realization, nuclear material production and component development, product realization process, Phase 6.X activities and deliverables, and program management disciplines. Analyze information and review system requirements for workflow, organization, and corrective measures. Apply process improvement practices for system development life cycle. Understanding of standard concepts, practices, and procedures within nuclear weapon acquisition and product realization. Exercise judgment and plan and accomplish goals based upon program planning and mission performance. Work independently, creatively and under general supervision. Experience desired in the following areas:

- Proficiency in the transition of requirements, interfaces, linkages, and technical risk mitigation activities associated with program scope into an integrated, schedule with schedule and cost risk contingency analysis.
- Demonstrated ability sufficient to assess and provide program and technical management knowledge and capabilities to advise FPO on execution of cost, scope, and schedule for major system acquisitions, and to represent, within program guidance, the NNSA's program interests and positions in interactions with other agencies and corporate entities.
- Apply systems engineering principles (such as requirements and interface management, risk management, work breakdown structure, decision analysis) for the development and maintain an integrated program baseline.
- Knowledge of and experience with programmatic and portfolio analysis tools, databases, and methodologies.
- Absorb broad objectives from management, then independently analyze, evaluate, and integrate solutions for unusually complex and diverse technical problems.



- Identify, track, mitigate, and resolve technical risks and issues related to product and/or system performance objectives.
- Participating in Integrated Product Team (IPT) meetings.
- Attending and participating in Project Officer Group and sub-group meetings (joint DoD/NNSA) and within guidance provided by the Lead Engineer and/or FPM.
- Supporting special topic engagements as assigned.
- Knowledge of the substantive nature of NNSA Nuclear Weapons programs and activities; missions, policies, and objectives; management principles and processes; and the analytical and evaluative methods and techniques for assessing program development or execution and improving organizational effectiveness and efficiency with emphasis of 6.X process and Defense Programs Business Process System.
- Contributing to or leading assessments of current and needed capability and capacity of the NNSA weapons production complex for the W87-1 Program and recommend necessary facility and resource planning based on this information.

Additional information

To be an official applicant to ESPHERA CONCEPTS, you must submit a resume and online application. Resumes submitted remain active for six months.

Candidates for positions that require a Security Clearance as noted in the requirements section of the opportunity posting will be subject to pre-employment eligibility screening to include background checks and drug screening. Some positions provide direct contractor support to the Federal Government which if individual is assigned to that workgroup may be subject to COVID vaccination and or COVID testing requirements, social distancing, masking and other safe workplace protocols as directed.

Contact ESPHERA CONCEPTS opportunities link for career insights, news and latest job opportunities. To all recruitment agencies: ESPHERA CONCEPTS only accepts resumes from agencies on our Approved Agency List. Please do not forward resumes to our applicant tracking system, ESPHERA CONCEPTS employees, or send to any ESPHERA CONCEPTS company location. ESPHERA CONCEPTS is not responsible for any fees related to unsolicited resumes.

ESPHERA CONCEPTS is committed to creating a diverse environment and is proud to be an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, gender, gender identity or expression, sexual orientation, national origin, genetics, disability, age, or veteran status. ESPHERA CONCEPTS is also committed to compliance with all fair employment practices regarding citizenship and immigration status.