

Job Title: BMDS System Engineer

Location: Schriever Air Force Base, CO

Clearance: Secret

Level: Mid-Level

*** Two position

Position Description:

The selected applicant will provide Systems Engineering expertise and support to enhance the Missile Defense Agency (MDA) Modeling and Simulation (M&S) enterprise. The Systems Engineer provides technical assistance to the Director of M&S Enterprise Engineering (M&S EE), who is responsible for chairing design reviews, enforcing standards, managing Integrated Product Teams (IPTs), and synchronizing all M&S across the Agency. The Systems Engineer performs engineering duties to define the architecture, modules, interfaces, and data for M&S systems to satisfy specified requirements.

Primary Duties and Responsibilities:

- Ensure the logical and systematic conversion of customer or product requirements into total systems solutions that acknowledge technical, schedule, and cost constraints
- Performs functional analysis, timeline analysis, detail trade studies, requirements allocation and interface definition studies
- Compile analysis results for presentation to customers for use at configuration review boards
- Support analysis of BMD governance documents for periodic updates
- Provide recommendations for updates and improvement to BMD governance

Minimum Requirements:

- Bachelor of Science Degree from an accredited academic institution in a relevant technical discipline
- Ten or more years of consecutive Systems Engineering experience

Job Requirements

- Demonstrated systems engineering experience with and knowledge of the Ballistic Missile Defense System (BMDS)
- Demonstrated systems engineering experience with M&S systems and their uses
- Must be able to communicate technical subjects to others (including non-technical personnel)
- Prior experience supporting development of technical publications
- Excellent problem-solving skills
- Ability to work independently and as part of a group

- Ability to effectively communicate complex ideas to non-technical stakeholders, both in written and spoken forms
- Ability to provide significant contribution in the areas of creative thinking, problem solving, analytical thinking, strategic thinking and out-of-the-box thinking
- Energetic, motivated, self-starting

Security Clearance Requirements:

- Position requires that candidate possess an active SECRET security clearance in order to access classified information. Inability to maintain a security clearance will result in candidate being ineligible to support this position.