**Program:** AISS

**Position Title:** Chief Systems Engineer

**Location:** Scott AFB

**Position Description:** The Chief Systems Engineer establishes system requirements and architecture using analysis of the information obtained in the development of enterprise-wide or large-scale information systems, applications and data center and/or Cloud infrastructure. Requires performance in a CMMI-DEV ML 3 organization applying an Agile, Waterfall, or Hybrid system development lifecycle (SDLC) and experience in DevOps implementation, processes, and Application Lifecycle Management (ALM) tools.

**Key Duties and Responsibilities:** The Chief Systems Engineer will perform the following activities:

* Determines and identifies high-level functional and technical requirements based on interactions with the user community and knowledge of the enterprise architecture.
* Designs architecture to include the software, hardware, and communications necessary to support the total requirements as well as provide for present and future cross-functional requirements and interfaces.
* Identifies, assesses, and presents options for meeting functional and technical requirements, including: hardware and software updates or upgrades; development tools; continuous integration and continuous delivery tools; automated testing frameworks and tools; configuration management, version control and deployment tools; and Application Lifecycle Management tools.
* Develops high-level system design diagrams compatible and in compliance with DoD Architecture Framework (DoDAF standards for open systems architectures, the Open Systems Interconnection (OSI), International Standards Organization (ISO) reference models, and profiles of standards (e.g., Institute of Electrical and Electronic Engineers (IEEE) Open Systems Environment (OSE) reference mode) as they apply to the implementation and specification of application software platform, across the Graphical User Interface (GUI), application program interface (API), and the external environment/software application.
* Ensures the common operating environment is compliant. Analytically and systematically evaluates work flow problems, organization and planning and develops appropriate corrective action.
* Leads the Systems Engineering Group and provides daily supervision and direction to Systems Engineering Team Leads and engineering staff.

**Qualifications and Experience:** Mandatory requirements for this position include:

* **Ph.D.**
* 8 years of experience (2 of which must be specialized)

or

* **Master of Science**
* 10 years of experience (7 of which must be specialized)

or

* **Bachelor of Science**
* 12 years of experience (9 must be specialized)

**Certifications**

* International Council on Systems Engineering Certified Systems Engineering Professional (CSEP) is highly desirable,
* DevOps Foundation Certification is highly desirable
* ITIL v3 Foundation Certification

**Security Clearance**

* US Citizenship, Secret clearance minimum.