

# FALCONWOOD INC.

## **About Falconwood, Inc:**

Falconwood, Inc. is a small, woman/veteran-owned business providing executive level consultants and programmatic support to Department of Defense (DoD) Information Technology (IT) initiatives and programs.

We provide expert consultation on a diverse range of IT subjects focusing on acquisition strategy, implementation activities and Information Assurance policy and engineering.

We have an immediate opening for a **Data Architect** to support the Government Data Architect in the development and execution of the Navy Maritime Maintenance Enterprise Solution – Technical Refresh (NMMES-TR) data governance strategy and plans, which includes architecture development, refinement and studies based on system engineering data, existing processes, and analyses to support the NMMES-TR acquisition. The Data Architect will participate in the implementation of NMMES-TR Enterprise Architecture development in accordance with of Department of Defense Architecture Framework (DoDAF), with emphasis in data modeling to support the development of various Enterprise Architecture diagrams, which include Data and Information Viewpoints (DIVs) and Capability Viewpoints (CVs).

## **Duty Location:**

Norfolk, VA or San Diego, CA

*\*Travel may be required.*

## **The Data Architect:**

- Serving as a technical advisor, providing engineering analysis and providing technical recommendations
- Developing Architecture using data, modeling, simulation, and analysis assessment processes and evaluate metrics for potential future Navy Business/IT system acquisitions
- Collecting information and building DoDAF architecture artifacts (DIV-1, Conceptual Model and DIV-2, Logical Model) for acquisition
- Synthesizing data diagrams against supporting Enterprise Architecture diagrams for consistency and completeness
- Using MagicDraw as the main integrated architecting tool, but also prototyping via MS Visio
- Leveraging architecture data, modeling, simulation, and analysis assessment processes to evaluate metrics for potential future system acquisition
- Assisting with development and updates to Data Management governing documentation (e.g. working group charters, management plans, etc.)

# FALCONWOOD INC.

- Developing, briefing, and executing the program data management strategy
- Reviewing/defining system interfaces
- Assisting with data definition activities
- Performing data attribute baseline assessment and activities
- Closely collaborating with NMMES-TR service providers on application and data migration activities; perform analysis to determine entrance/exit criteria and corrective measures where necessary
- Documenting pilot findings and recommendations for full deployment
- Advising on applicable industry and market trends
- Where applicable, facilitate program meetings, assist with developing meeting agendas, and record meeting minutes
- Serving as Action Officer and team representative on behalf of the Government in working groups
- Applying knowledge of shipyard maintenance and repair environment

## **Qualifications and Education Requirements:**

- Minimum Secret Clearance
- BS Degree in Engineering field (e.g. Computer, Electrical, Mechanical, Systems, Security)
- 5+ years of experience in enterprise design/architecture, with focus on data
- Experience in developing supporting architecture model development projects using Department of Defense Architectural Framework (DoDAF) concepts, tools, and techniques
- Knowledge of Systems Engineering and Systems-of-Systems Engineering principles, processes, methodologies and best practices.
- Experience with supporting DoD acquisition programs and life cycle processes
- Proficiency in Microsoft Visio, Project, Word, PowerPoint, Access, and Excel
- Detailed-oriented, self-driven, able to work well within a team that supports a fluid, dynamic environment
- Excellent public speaking and personal interaction skills
- Ability to work on a team as a member or a task lead, while keeping the overall project goal on schedule
- Ability to think independently with minimal oversight, as well as demonstrate exceptional written and oral communications skills
- Exemplary customer/client management skills and techniques

## **Preferred Skills:**

- MS Degree in Engineering field (e.g. Computer, Electrical, Mechanical, Systems, Security)
- Experience with Model Based Systems Engineering (MBSE) and MagicDraw

# FALCONWOOD INC.

- Familiarity with Cloud Computing architecture & technology
- Familiarity with Agile concepts
- Knowledge of shipyard maintenance and repair environment
- DAU training

**Please reply directly to this position description with an updated resume and your salary requirements directly to Tiffany Cannon at [tcannon@falconwood.biz](mailto:tcannon@falconwood.biz).**

Tiffany A. Cannon  
Falconwood, Inc.  
Office: 703.888.4328  
Email: [tcannon@falconwood.biz](mailto:tcannon@falconwood.biz)

FALCONWOOD  INC.