Statement of Work (SOW)
Annual Subscription for Membership in a Model-Based Systems Engineering (MBSE) Standards Development Organization (SDO)

1. Introduction

The United States Air Force (USAF) needs membership in international standards bodies developing and maintaining computer industry specifications relevant to model-based design and engineering approaches to effectively and efficiently design, develop, acquire, and sustain USAF assets.

2. Background

USAF objective is to maintain currency with industry methods, approaches and standards in a continuously evolving acquisition and engineering environment. To do so, USAF systems commands must remain apprised of global industry activities while retaining a position of leadership in the development, refinement, and publishing of standards germane to Air Force platforms and systems, and regarding data interface standards for exchange of information with our vendor partners through contractual arrangements.

The USAF requires membership in an international, open-membership, not-for-profit technology standards consortium for open systems architecture and model-based engineering. These standards are driven by vendors, end-users, academic institutions and government agencies. Historically, program executive offices have secured membership as necessary for their individual projects to succeed.

3. Requirement / Product Description(s):

The USAF seeks subscription by membership to attend consortium events, participate in standards-issuing decisions, and use products and services available to consortium members. Membership also advances the situational awareness, training and development of attending and participating personnel with regards to Air Force interactions with standards organizations. The subscription allows USAF to:

- identify a Primary USAF Representative to possess and proxy voting rights on consortium standards approval boards,
- participate in any consortium Task Forces, Special Interest Groups, Working Groups, Subcommittees and Managed Communities
- attend, contribute and vote in Domain Technology Committee meetings,
- attend, contribute and vote in Platform Technology Committee meetings,
- attend, contribute and vote in Task Forces,
- attend, contribute and vote in Special Interest Groups
- attend, contribute and vote in Managed Communities
- identify individuals possessing us.af.mil e-mail addresses for consortium membership as USAF Representatives,
- identify USAF Representatives to participate and attend consortium events at consortium members rates,
- access the consortium Members only areas of the consortium website (including documentation, collaboration sites, working files, etc.)
- have one USAF Representative to be eligible to hold a seat on the Architecture Board (eligible, but not guaranteed, requires Board approval)
- have one USAF Representative to be eligible to hold a seat on the consortium Board of Directors (eligible, but not guaranteed, requires Board approval)

3.1 Statement of Objectives

3.1.1 It is USAF objective to understand direction of standards before public adoption begins.

3.1.2 It is USAF objective to function as a market leader, able to influence the direction of standards.

3.1.3 It is USAF objective to have access to documents, presentations, papers, and design decisions of consortium organizational proceedings.

3.1.4 It is USAF objective to participate in consortium events, such as technical committee meetings, to interact with and learn from other consortium member organizations on consortium standards.

3.1.5 It is USAF objective to contribute to and initiate new and revised standards.

3.1.6 It is USAF objective to be eligible to provide a USAF POC to the consortium Board of Directors.

3.1.7 It is USAF objective to be eligible to provide a USAF POC to the consortium Architecture Board.

3.1.8 It is USAF objective to participate in boards, task forces and other consortium subcommittees regarding various standards groups including, but not limited to:

- C4I Defense & Military Domain Task Force (DTF)
- Architecture-Driven Modernization
- Digital Engineering Model Interchange (DEMI)
- *Enterprise Knowledge Graph MC
- MOSA Enabling Environment WG
- Artificial Intelligence PTF
- ManTIS CASCADE (Collaborative Advanced Specification, Context and Data Exchange)
- Reusable Asset Service PTF
- *Model-Based Acquisition User Group MC
- UAF V1.3 RTF (for Mission Engineering enhancements)
- UAF V2.0 RTF (based on SysML v2.0/KerML v1.0)
- Structured Assurance Case Metamodel (SACM) V2.4 RTF
- Risk Analysis and Assessment Modeling Language (RAAML) (will merge with SACM)
- FACE Profile (for those involved with FACE via The OpenGroup)
- DevSecOps WG
- Business Modeling & Integration DTF
- Information Exchange Framework (IEF) WG