



Agile Roadmap Outbrief Contracting



Roadmap – Agile Value and Influence

- **How does Agile influence your topic area?**
 - Opportunities
 - Use the RFP to shape data or process for agile development process.
 - Could Lead to a more flexible contract structure, avoid constant contract mods.
 - Challenges
 - When the government doesn't dictate methodology difficult to know how to evaluate various proposals
 - CDRLs/SDRLs updates and changes.
 - How to develop section M which are the proposal evaluation factors
 - Understanding and Controlling change, preventing unauthorized changes to scope.
 - Getting contracting parties to understand and accept more risk.



Roadmap – Agile Adoption

- **How does your area adapt to Agile?**
 - Streamlining of acquisition process
 - Using fewer CDRLs
 - Creating RFP (CDRL, SOW/SOO) templates for Agile efforts
 - Change management
 - How do you determine what a constructive change is?
 - Need more contracting officer involvement
 - Understanding of what is a contract change.
 - Customer involvement; should be engaged as always
 - Rapid response to requirements
 - Could possibly limit the number of mods.
 - Define and prioritize capability SOW/SOO



Roadmap – Agile Adoption Continued

- **How does your area adapt to Agile (continued)?**
 - Contract type, language, and incentives
 - Adapt types and incentives to agile environment.
 - Effects on reporting or reporting requirements (CDRLs, metrics, IMS, etc.)
 - Tailor appropriate CDRLS and metrics early in the acquisition process.
 - Risk management
 - Understanding risk to the product owner when it is the contractor and when it is the government.
 - Changing requirements may impact cost, schedule or performance.
 - Establish and maintain an effective working relationship that is cooperative and productive.
 - Culture change
 - Culture change with government and contractor collaboration.
 - Trust that the government and the contractor understand contract changes.



Roadmap – Policy and Guidance

- **Should policy or guidance be created or changed?**
 - **New policy**
 - See below.
 - **New guidance**
 - Cross functional agile guide that addresses government and contractor interactions throughout the SDLC.
 - A means for the government to evaluate the contractors agile process.



Roadmap – Workforce

- **How should the Government and contractor workforce be trained or introduced to Agile?**
 - **DAU curriculum updates**
 - Updates to contracting classes that discuss software methodologies to include agile.
 - **DAU new courses / training**
 - Mission Assistance - Cross functional agile training.
 - Source Selection Training
 - **Service / Contractor / Area-specific training**
 - DCMA – contract administration training



Roadmap – Way Forward

- **What are the next steps for your area?**
 - **Rank what should be done in order of preference:**
 1. Gather lessons learned/best practices from contracting officers on what needs to change when changing from waterfall to agile.
 2. Multifunctional CDRL Analysis to determine which CDRLs are impacted by agile.
 - **Should OSD and/or the Services setup an Agile organization?**
 - Yes, OSD should establish an office to provide cross functional agile guidance.
 - OSD should collaborate with NDIA/Other USG Orgs and ensure cross functional collaboration
 - **Do you believe OSD should be briefed by your organization?**
 - Yes, NGA would like to brief OSD
 - GAO would like KMI to brief their organization
 - Real world examples briefed to all, would be beneficial



Roadmap – Other Topics by Area to Consider

- **Contracting**

- Contract Type
- Incentive Structure
- Contract Deliverables

- **Cost Estimating**

- Software Cost Estimating
- Reporting Structure
- Data Sources

- **Systems Engineering**

- Integrated Master Plan
- Statement of Work vs. Statement of Objectives
- Capability-based vs. Event-based

- **Integrated Program Management**

- EVM Surveillance Compliance
- Management Culture Change
- Risk Management

