

Missile Defense Agency Advanced Research Center (ARC)



Small Business Conference June 22, 2017

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ARC Mission

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The ARC supports Missile Defense through the design, provisioning, and maintenance of test infrastructure, network and cyber security engineering, document control and data collection/transfer in support of HWIL Ground Tests

- Serves as the proving ground for BMDS capabilities and venue where issues with Modeling & Simulations (M&S) and the tactical codes are discovered and fixed
- Provides venue for multiple Flight Test Risk Reduction activities
- Provide HWIL test asset and infrastructure support:
 - Test asset scheduling and de-confliction
 - Configuration, data and integration management
 - Test asset and network accreditation



ARC Follow-On Scope of Work

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- Acquisition scope:
 - Program Management
 - System Integration
 - Continuous Integration/Continuous Agile Testing (CI/CAT)
 - Develop and Execute Improved Turn-Around Times
 - Develop and Execute Integration and System Engineering Plans to Support BMDS Configuration Changes
 - Hardware-in-the Loop and Technology Infrastructure to Support BMDS Testing Environment
 - Information Technology
 - Network Support
 - Cyber Security
 - Test laboratory and Asset Management
 - Test Planning, Integration, and Execution Support
 - ODC/Travel/Material



ARC Follow-On Scope of Work

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- Changes from May 8, 2017 FedBizOpps announcement, Draft SOW:
 - OSF/SSF Infrastructure Support Only – No Development
 - Facility Management will be Acquired Outside the ARC Contract; Facility is Government Furnished
 - Moving towards MDA Cognizance of Systems and Facilities (may adjust SOW relative to coordination with DSS)
- Other Scope Changes from Current ARC Contract:
 - Removed:
 - Flight Test Communications SME
 - LTPO Independent Assessments
 - GMD JPO Support
 - Limit Requirement for Hardware Procurements to “Material” Purchases
- Acquisition Strategy Board in Process

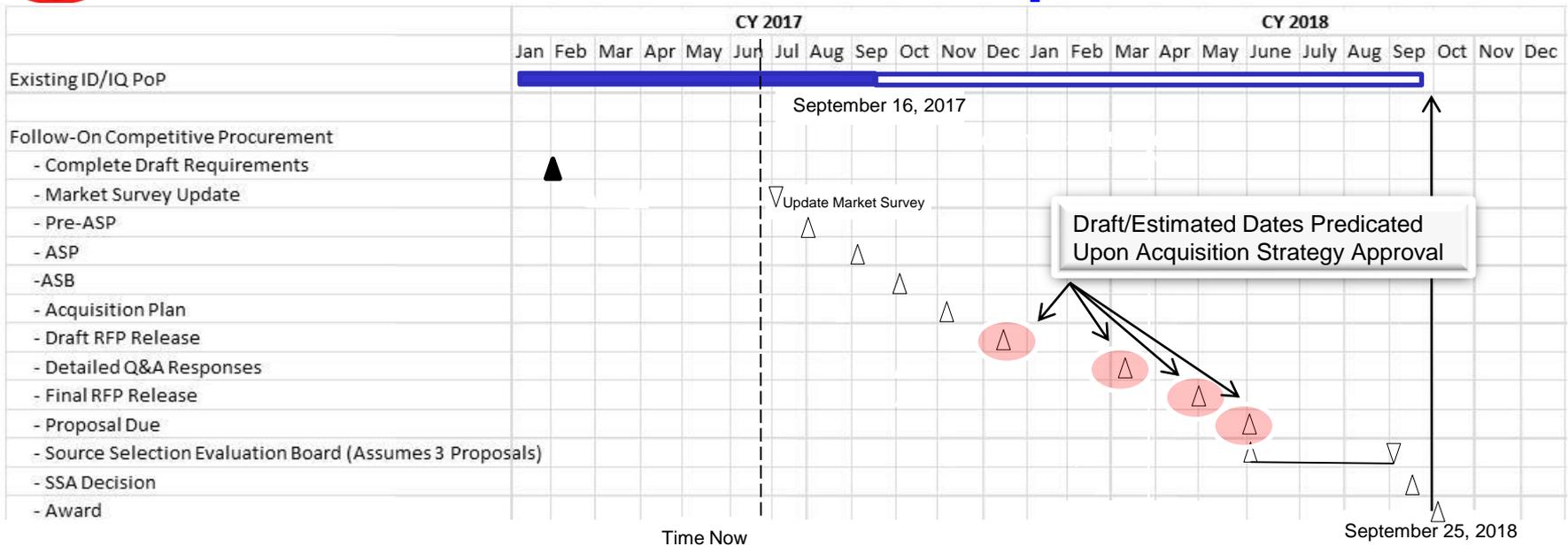
Contract Moving to “CORE” Functions

- **Improves Small Business Opportunities**
- **Focuses Competition**



Major Milestones ARC Follow-On Competition

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- May 8, 2017 Advanced Research Center (ARC) FedBizOpps Posting:
 - Industry Day ARC Tour: 49 Companies plan to attend the tour
 - Market Survey Update/Scope of Work Review: Inputs under review; being incorporated into Draft RFP
- Market Survey:
 - Data Gathered in March/April 2016 and Approved January 2017: NAICS 541712 Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology) with a size standard of 1250 employees
 - Small Business Set-Aside
 - Update using Capability Statements under May 8, 2017 FBO Posting In-Work