Project Manager Close Combat Systems
2015 Munitions Executive Summit

PM Panel Brief

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Area Denial Smart Terrain Armament (ADSTAR)

Operational View

Resource Management Decision

- FY16-FY20 RMD signed 12 January 2015
- “Adds funds to establish a program of record that develops an Ottawa Convention-compliant air delivered, operator controlled mine system containing both anti-personnel and anti-vehicle mines to replace the current GATOR system, with an initial operating capability delivered by FY25”
- Submitted as part of FY16 President’s Budget

<table>
<thead>
<tr>
<th></th>
<th>FY16</th>
<th>FY17</th>
<th>FY18</th>
<th>FY19</th>
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Industry Day Summary

- Industry Day conducted on 5-6 March 2015
  - 30 industry partners attended the open session
  - 8 industry partners participated in 1-on-1 sessions
- What the Government told Industry:
  - Overview of the Area Denial Mission
  - Landmine Policy and Impact
  - DMTTS&E capability Overview
  - Acquisition Path Forward and Strategy (Other Transaction Authority for Pre-MS A, IOC NLT 2025)
- Next Step – Industry Engagements
  - Further Industry Engagements planned
  - White Paper solicitation – 18 March 2015
  - White Papers due – 22 April 2015

Capabilities

- Will provide a deep-delivered, Man-In-The-Loop (MITL), anti-personnel (AP) and anti-vehicle (AV) Area Denial Capability compliant with National Landmine Policy and Ottawa Treaty
- Deep Range Capability: replaces deep delivered GATOR AP/AV system
- Improved Area Denial Capability at all required Operational Ranges
  - Controllable, networked, self-reporting, sensor enabled
  - Provides Blue Force Freedom of Action while denying that of the enemy within the same battlespace
  - Scalable effects controlled by Man-in-the-Loop (MITL)
Team CCS Priorities

• Stewardship in everything we do
• Support to Warfighter: Ahead of drumbeat Operations Order (OPORD) for drawdown
• Contractor Logistics Support (CLS) contract / Multifunction Field Service Representative (FSRs) paying off
• Develop & improve Area Access / Area Denial (A2/AD)
• Sustaining technological superiority through a quality workforce & innovation
Budget Outlook

<table>
<thead>
<tr>
<th>Category</th>
<th>PB16 (FY16-FY20) - Other Services</th>
<th>PB16 (FY16-FY20) - ARMY</th>
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<td>Counter Explosive Hazard</td>
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<td>Pyrotechnics</td>
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<td>Shoulder Launched Munitions</td>
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Spending Forecast:
- Increasing
- Consistent
- Decreasing
Industrial Base Challenges

Concerns:

• Lower investment in advancing current capabilities
• Price increases & higher sustainment costs after war’s end
• Maintaining small businesses w/reduced quantities
• Subcontractor quality management & supervision

Mitigation Strategies:

• Family of capability buys: multiple items grouped together to help maintain minimum sustainment rates
  ✓ Market Research supported consolidation of M67 Grenade, M213 Fuze and M228 Practice Fuze
  ✓ Concern over the potential for smaller buys on the M228 Fuze
  ✓ Commonality of fuze components will allow for economies of scale
  ✓ Pre-Solicitation Notice posted to FedBizOpps on 13 March 2015
• Create incentives for industry to team and/or compete
• Shorter term contracts to increase opportunities for manufacturers to re-compete in near term
  ✓ Going out on a 3-yr split contract solicitation for the M211/MJU-50/MJU-51 Pyrophoric Flares
  ✓ Continuing split award contract such as the M206/MJU-7/MJU-10 contract to help support the industrial base
• Continue investment in the development of capabilities vs. the high volume of production
• Support Foreign Military Sales & Commercial Direct Sales opportunities
• Identify potential sources of single-point failure (SPF) & prioritize funding when possible
## FY15/FY16 Competitive Opportunities

<table>
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<tr>
<th>Product</th>
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<th>Projected Award Date</th>
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<th>Contract Strategy</th>
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<td>IDIQ/FFP</td>
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Team CCS
“Top 10” Techbase Priorities

1. ADSTAR/Family of Scatterable Mines (FASCAM) Replacement - Area Denial capability providing Man-in-the-Loop (MITL) controlled scalable effects against mounted and dismounted enemy forces
2. IEDs – Standoff Detection, Metallic, Low metallic and Non-metallic
3. Tunable Pyrotechnics - Develop the capability to protect aircraft from emerging surface to air missiles (SAM). Countermeasures Flares to improve aircraft survivability, especially helicopters.
4. Lighten the Load - including Shoulder Launch, Dual Purpose Grenade, Battery Technologies
5. Environmental – Green energetics, propellants and explosives
6. Fuze design – Smart, Out-of-line
7. Insensitive Munition (IM) – IM fill, Packaging, Fuze
8. Efficiencies – Common Fuze Design
10. Training Aids and Improvements – Claymore Training Aids, Devices, Simulators, and Simulations (TADSS)

Continued Coordination with RDECOM’s RDECs
Closing Message to Industry

• Good programs will be sustained

• Communication:
  ✓ Partnership and open communication is critical to transparency & managing risk
  ✓ Timely communication of industry needs/issues to ensure supportive acquisition strategies can be implemented
  ✓ Less tolerance for programs that can’t manage within baseline
  ✓ Keep abreast of needs of all the Services

• Flexibility:
  ✓ Flexible production lines & workforce that can be moved to produce various items

• Technology & Innovation:
  ✓ Start solving tomorrow’s problems today