2016 Munitions Executive Summit
PM Acquisition Panel

31 March 2016

Matt Butler
Acting Project Manager
(973) 724-3981
Matthew.c.butler3.civ@mail.mil
Team CCS Portfolio

Area Denial
- GATOR Landmine Replacement
- Claymore

Counter Explosive Hazard
- Autonomous Mine Detection System (AMDS)
- AN/PSS-14C Hand Held Mine Detectors
- Explosive Ordnance Disposal

Grenades
- M67 Fragmentation Hand Grenade
- M228 Practice Fuze
- Smoke Grenades

Non-lethal Ammo & Systems
- Non-lethal Grenades
- 12Ga & 40mm NL
- Acoustic Hailing Device
- Taser

Demolitions
- C-4 Block
- Shaped Charge
- Det Cord
- RF-Remote Activation System (RAMS)
- Sheet Explosive

Pyrotechnics
- Countermeasure Flares
- Signals
- Simulators

Shoulder Launched Munitions
- Bunker Defeat Munition
- AT4 & AT4CS

DISTRIBUTION STATEMENT A: Approved for Public Release
Team CCS Priorities

• Readiness, support to the Joint Warfighter & deliver improved capabilities
  – Next generation GATOR LandMine Replacement (GLMR)
  – Milestone C M7E1 Spider Increment 1a
  – Milestone C Autonomous Mine Detection System (AMDS)
  – Product Improvements

• Enhance industry to government relationship
• Stewardship in everything we do
• Sustain technological superiority through a quality workforce & innovation
• Increase international program participation
## PM CCS PB17 Budget Outlook (FY17-FY21)

### Bar Chart

- **Spending Forecast:**
  - Increasing
  - Consistent
  - Decreasing

### Table

<table>
<thead>
<tr>
<th>Category</th>
<th>PB17 (FY17-FY21) - Other Services $M</th>
<th>PB17 (FY17-FY21) - ARMY $M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area Denial</td>
<td>147</td>
<td>428</td>
</tr>
<tr>
<td>Counter Explosive Hazard</td>
<td>233</td>
<td>225</td>
</tr>
<tr>
<td>Demolitions</td>
<td>6</td>
<td>110</td>
</tr>
<tr>
<td>Pyrotechnics</td>
<td>19</td>
<td>162</td>
</tr>
<tr>
<td>Non-Lethal Ammo &amp; Systems</td>
<td>135</td>
<td>62</td>
</tr>
<tr>
<td>Grenades</td>
<td></td>
<td>125</td>
</tr>
<tr>
<td>Shoulder Launched Munitions</td>
<td></td>
<td>154</td>
</tr>
</tbody>
</table>

### Notes

- Distribution Statement A: Approved for Public Release
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
• Quality of proposals

Mitigation Strategies:
• Family of capability buys: multiple items grouped together to help maintain minimum sustainment rates
• Use competitive consortiums to provide opportunities for collaboration with non-traditional defense contractors
  ✓ GATOR LandMine Replacement (GLMR) DoD Ordnance Technology Consortium (DOTC)
• Shorter term contracts increase opportunities for manufacturers to re-compete in near term
• Support Foreign Military Sales & Direct Commercial Sales opportunities
• Identify potential sources of Single-Point Failure (SPF) & prioritize funding when possible
# FY16/FY17 Competitive Opportunities

<table>
<thead>
<tr>
<th>Product</th>
<th>Projected RFP Date</th>
<th>Projected Award Date</th>
<th>Dollar Amount</th>
<th>Contract Strategy</th>
<th>Contract Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor Logistic Support for theater</td>
<td>3QFY16</td>
<td>2QFY17</td>
<td>$13M</td>
<td>SBSA</td>
<td>IDIQ/FFP</td>
</tr>
<tr>
<td>MK 152 Radio Frequency (RF) Remote Activation Munition (RAM)</td>
<td>1QFY17</td>
<td>3QFY17</td>
<td>$12.4M</td>
<td>C</td>
<td>IDIQ/FFP</td>
</tr>
<tr>
<td>Anti-Personnel Obstacle Breaching System (APOBS)</td>
<td>1QFY17</td>
<td>3QFY17</td>
<td>$23M</td>
<td>NTIB</td>
<td>IDIQ/FFP</td>
</tr>
<tr>
<td>M18 Smoke Dyes</td>
<td>1QFY17</td>
<td>3QFY17</td>
<td>$3.7M</td>
<td>C</td>
<td>IDIQ/FFP</td>
</tr>
<tr>
<td>Family of Hand Held Signals</td>
<td>1QFY17</td>
<td>3QFY17</td>
<td>$6M</td>
<td>SBSA</td>
<td>IDIQ/FFP</td>
</tr>
<tr>
<td>XM1112 Airburst Non-Lethal Munition*</td>
<td>1QFY17</td>
<td>4QFY17</td>
<td>$4.7M</td>
<td>NTIB</td>
<td>IDIQ/FFP</td>
</tr>
</tbody>
</table>

*Potential Industry Day

C - Competitive  
SBSA - Small Bus Set-Aside  
NTIB - National Technology & Industrial Base  
FFP - Firm Fixed Price  
IDIQ - Indefinite Delivery/ Indefinite Quantity
Team CCS
Top Techbase Priorities

- **GATOR LandMine Replacement (GLMR)** - Area Denial capability providing Human-in-the-Loop (HITL) controlled scalable effects against mounted and dismounted enemy forces
- **IEDs** - Standoff detection, metallic, low-metallic and non-metallic
- **Aviation Aircraft Expendable Countermeasures** - Develop the capability to protect aircraft from emerging surface to air missiles (SAM). Countermeasures flares to improve aircraft survivability, especially helicopters.
- **Lighten the Load** - Including shoulder launch, dual purpose grenade and battery technologies
- **Environmental** - Green energetics, propellants and explosives
- **Fuze design** - Smart, out-of-line
- **Insensitive Munition (IM)** - IM fill, packaging and fuze
- **Efficiencies** - Common fuze design
- **Non-Lethal** - Directed energy, dazzler
- **Training Aids and Improvements** - Claymore, Shoulder Launched Munitions and AMDS  Training Aids, Devices, Simulators and Simulations (TADSS)

Continued Coordination with RDECOM’s RDECs
Closing Message to Industry

- **Readiness, support to the Joint Warfighter & deliver improved capabilities**
  - Ensure the Joint Warfighter has the best, most affordable capabilities
  - Explore technologies that will allow the Joint Warfighter to do more with less

- **Enhance industry to government relationship**
  - Increase communications and expand opportunities for partnering
  - Greater understanding of the pressures impacting the industrial base/small business

- **Stewardship in everything we do**
  - Cost consciousness & Cyber protection
  - Professionalism
  - Acquisition and technical excellence

- **Sustain technological superiority through a quality workforce & innovation**
  - Taking care of People - Higher standards, training and detail assignments

- **Increase international program participation**
  - Support Security Assistance initiatives (ERI, FMS, DCS, etc.) IAW Export Control Laws