



# Project Manager Close Combat Systems



## 2016 Munitions Executive Summit PM Acquisition Panel

31 March 2016

**Matt Butler**

Acting Project Manager

(973) 724-3981

[Matthew.c.butler3.civ@mail.mil](mailto:Matthew.c.butler3.civ@mail.mil)





# Team CCS Portfolio



## Area Denial



GATOR Landmine Replacement



SLAM

Claymore



Spider Inc 1a

## 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



M106 SOD-V<sub>R</sub>



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



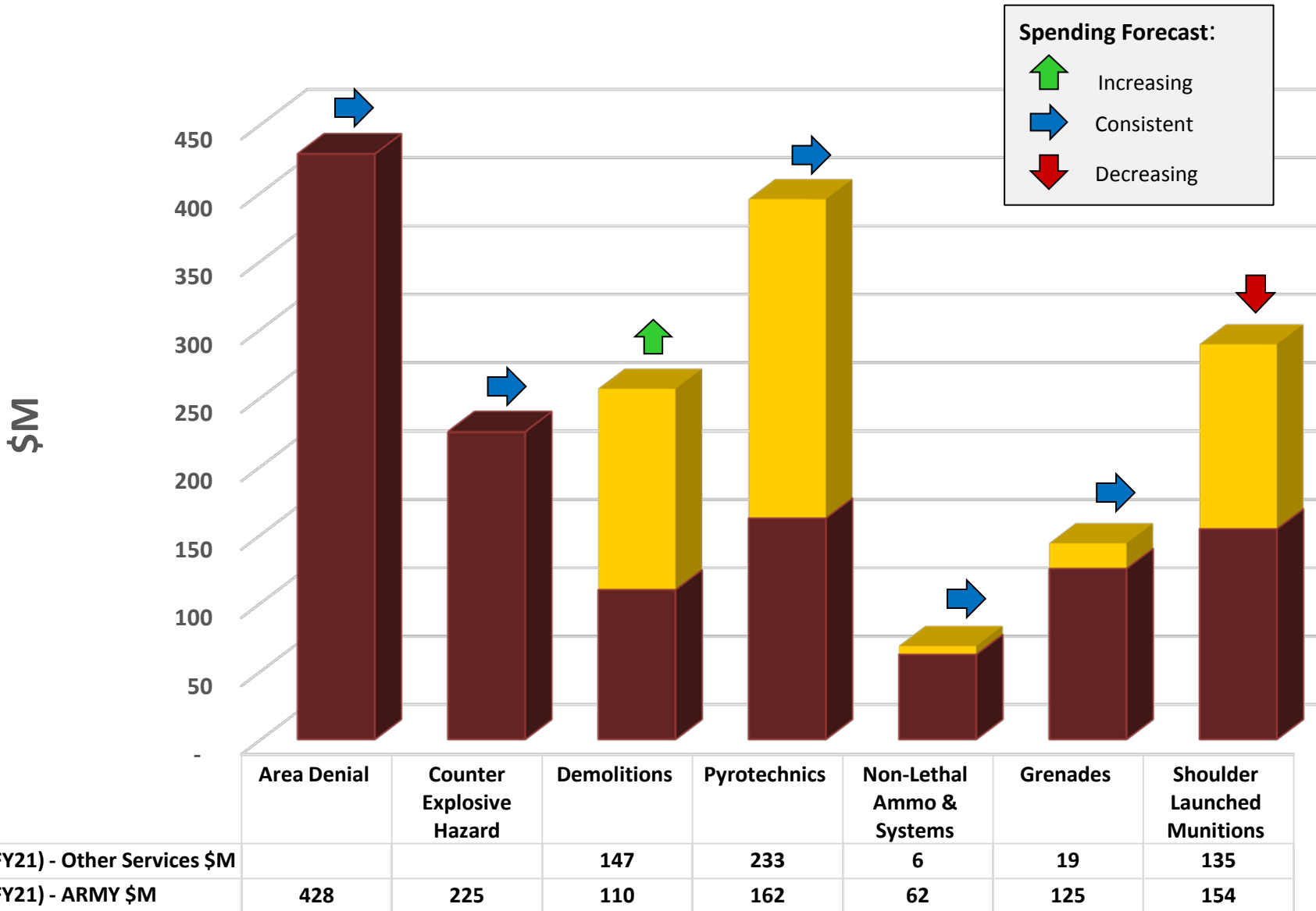
# Team CCS Priorities



- **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)





# 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
- 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



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

\*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