



NDIA 2009 Munitions Executive Summit

PM Close Combat Systems

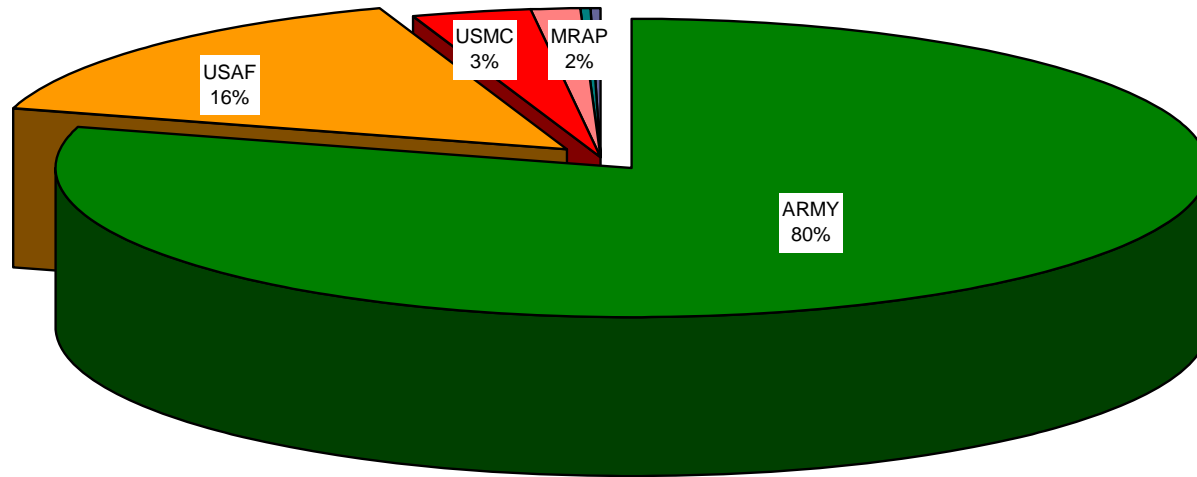
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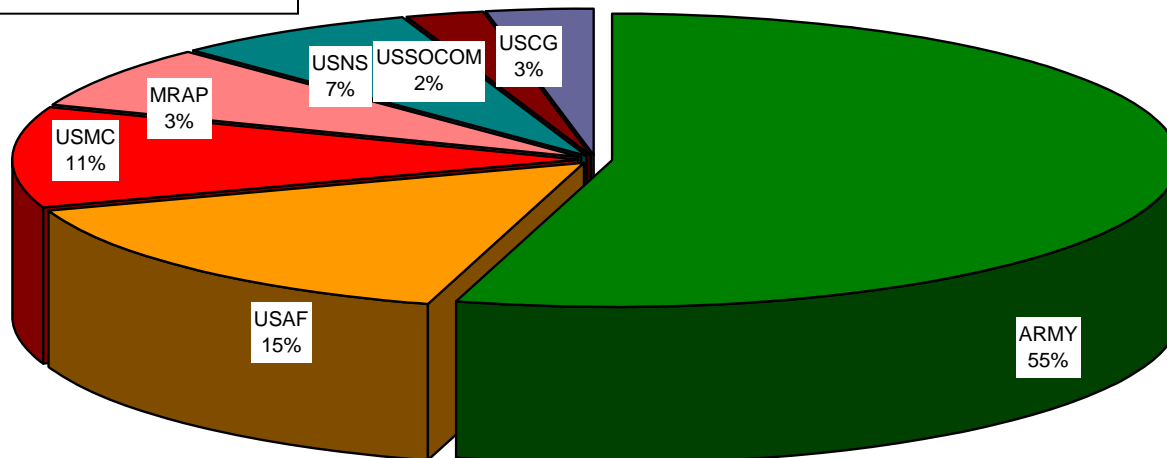


PM CCS FY09 Program Funding By Customer

% of \$Value



% of #Lines



(IN MILLIONS \$)

SERVICE	FY09 PROGRAM FUNDING		
	#Lines	Basic	Total w/Suppl
ARMY	93	635.5	853.5
USAF	26	164.5	164.5
USMC	19	36.6	36.6
NSOF	12	12.8	12.8
USNS	12	3.5	3.5
USSOCOM	4	1.9	1.9
USCG	5	1.8	1.8
TOTAL	172	\$857.7	\$1,075.7
ARMY	93	\$635.5	\$853.5
OTHER SERVICES	79	\$222.2	\$222.2



Major Areas of Concentration

PM CCS Focus Areas

**Development of
New Systems**

**Spider
IMS
ASTAMIDS
GSTAMIDS**

**Fielding New
Non-Developmental
Capabilities**

**IED Defeat
SPARK Rollers
Protect Force
(Non-lethal Non-Ammo)
VLAD
TASER
Shoulder-Launched Munitions
AT4 Family
IAM**

**Modernizing
Production
Ammunition**

**MDI
M67 Grenade
M211/M212
CM Flares
AT4/AT4-CS
M18 Smoke
Grenade
Bangalore
Torpedo**



Ammo Acquisition Philosophy

- Best Value Competition based on technical capability/quality
- Restricted to NTIB IAW Section 806
- Long-term (5yr) partnerships with high quality suppliers
- Contracts for logical, economical groups of products (families)
- Strong cooperation/collaboration between contractor & government engineers
- Continuous product & process improvement
 - Modernization of materials, design & production processes
- Allow for risk, & invest savings in improvements/future risk mitigation
 - Reliability, producibility, weight reduction, environmental compliance, logistics supportability

Modernization through Acquisition



Best Value Competition

Emphasizing Technical Excellence, Process Control & Continuous Improvement

In Request for Proposal, require from proposers:

- Manufacturing Plan
 - Describing production process & critical points for process control
- Quality Plan
 - How quality will be assured at critical production points
 - Allow contractors to propose process/facility different from (better than) what currently exists
 - Assess risks based on current reality
- Management Plan
 - Production Schedule Management
 - Supply Chain Management
 - Anti-obsolescence/Technical insertion approach

**We don't dictate process, but we can evaluate it
& we can pay more for better-controlled process.
Requires detailed technical evaluation**



Results of PEO Ammo/ PM CCS Acquisition Improvements

- Best Value Competition is beginning to shape PM CCS Supplier Base
- New contracts introduce new quality management expectations & requirements
- Government engineers & contractors are collaborating productively
- New contractors are proposing good initiatives for product/process modernization & improvement



Back-up

PM CLOSE COMBAT SYSTEMS



PM Close Combat Systems Product Lines

- Networked Munitions/Legacy Mines
 - Intelligent Munitions Systems (IMS)
- Countermine
- EOD Equipment
- IED Defeat
- Demolitions

- Grenades
- Pyrotechnics
- Shoulder-Launched Munitions
- Non-Lethal Systems & Munitions
- Special Projects (for SOCOM)

**~200 Products
Managed in FY09**

<http://www.pica.army.mil/pmccs/>

