

COL Raymond Nulk



Mr. James Sutton Deputy PEO Ammunition



#### Mr. Chris Grassano







# **FY07 Contracting Data**

- > Active contracts under management:  $380\downarrow$
- FY07 Awards: New 72↑; Mods 947 ↑
- ➤ ASC Contracting Activities 60%; Picatinny 40%
- ≻ Top 20 Contractors at each site: 3 duplicates

	Trends	
Systems 53%	←	Breakout 47%
Performance Spec 26%	←	TDP 74%
Competitive 49%	$\rightarrow$	Sole Source 51%
Best Value 67%	←	Low Bid 33%
Large Business 75%	$\rightarrow$	Small Business 25%



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# **FY08 Goals**

### PM MAS Thrusts:

- Lake City Modernization Program
- Green Ammunition: Initial LRIP Production
- Product Improvement Efforts
  - 40mm Pivoting Coupling
  - 40mm High Velocity Non-dud-Producing Training Round
- Initiate Second Source Producer for the M789
- Mitigation of Single Point Failures
- ➢ 30mm X 113mm Product Improvements
- Mid Range Munition SDD Execution
- ➢ M829E4 and Advanced Multi Purpose CDD Approvals

### **Competitive Contract Efforts:**

- ≻ M1028
- ➢ 40mm L60 HEI
- Medium Caliber Engineering Support Contracts
- ➢ Ft. Knox Tactical Liaison



# **Technology** Thrusts

## > Large Caliber

- Electric Primer Redesign & Ignition Train Upgrade
- Advance Cartridge Case System
- Reduce/Eliminate Residual Solvent Within M14 Propellant

### ≻ 40mm

- Single Chamber Cartridge Case
- Updating 40mm TDPs to Remove Duplicate Inspections and Requirements

## Medium Cannon Caliber

- Assess Calcium Silicide Alternatives for 20mm Primers
- Improve M788/M789 Flash Tube

## Small Caliber

- Improve Case Mouth Waterproofing for M80 Ball Production
- Automate Test Ranges



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# Ammo Acquisition Philosophy PM as Life Cycle Manager

- Budget Conservatively
  - Allow for managing risk, and invest savings in product improvements

## Shape the Supplier Base

- Use Best Value Competition to Emphasize Technical Excellence, Process Control & Continuous Product/Process Improvement
- Compete within the NTIB IAW Section 806

## Long Term Contracts (5 years)

- Allows for partnering with Industry using multi-disciplinary IPT's
- Enable investment and efficient Program execution
- Uses logical/economical groupings of products
  - $\checkmark$  Provides greater stability to industrial base
  - $\checkmark$  Allows for flexibility with funding and user requirements
- Conduct TDP Scrub/Update effort upfront
  - $\checkmark$  Continuous Improvement Identify and correct Obsolescence parts/processes
  - $\checkmark$  New Quality Management Adapt processes to supplier manufacturing capability
- Government funding of product/process improvement Identify, prove out and document improvements for the next competitive contract cycle



# **Support to Supplier Base**

# > Review all sole source acquisitions

- Identify candidates for competition
- Develop action plan required to move to competition
- Develop timelines for implementation and prioritize candidates based on timing of next buy
- Execute and monitor performance

# **FY08/09** Competitive Opportunities

- FY08 6+ Best Value competitions
- FY09 Current Planning for another 5+ Best Value competitions



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# Piecing the Puzzle for a New Industrial Base

Single Point Failure

**Privatization** 

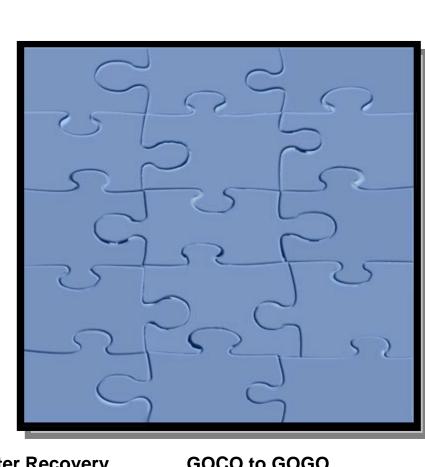


Idle Facilities Audit

**Cost Modeling** 

**Sourcing Study** 

Capacity Utilization Study



Section 806 Implementation

BRAC

Critical Infrastructure Risk Management

Industrial Base Strategic Plan

GOCO Competition

Disaster Recovery Plan GOCO to GOGO Study Modernization and Planning



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# **PM CAS Update**



- Continue efforts to provide precision to the Warfighter
  - Excalibur and PGK
- Artillery and Mortar Conventional Ammo production
  - Combined US Army and USMC projected future buys at nearly the same level as last the several years
  - Additional buys to support several ongoing FMS cases
  - Potentially a very large FMS case for Iraq
  - Planning to implement IDIQ contracts to be more responsive to future mortar and artillery requirements
- Qualifying a melt pour IM explosive for use in artillery projectiles
  - Plan to implement first in FY09 M795 projectile buys for the USMC.