Project Director Joint Services (PD JS)
2017 Munitions Executive Summit

PM Panel Brief

29 Mar 2017

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(U) Project Director Joint Services: What We Do for the Ammunition Enterprise

- Coordinate & Integrate the DoD’s Single Manager for Conventional Ammunition (SMCA) Responsibilities
  - SMCA & Industrial Base Policy
  - SMCA Issue Resolution

- Army Ammunition Plant Modernization and Acquisition Strategies
  - AAP Layaway of Industrial Facilities (LIF)
  - Maintenance of Inactive Facilities (MIF)
  - Armament Retooling and Manufacturing Support (ARMS) Program

- Section 806, Public Law 105-261; FAR 207.1
  - Single Point Failure Program
  - Manufacturing Technology
  - Logistics R&D

- Joint Ordnance Commanders Group (JOCG)
  - Prod Director Demil
  - Demil RDT&E

- Advanced Planning Briefing to Industry (APBI) 2017 Guidebook
PD JS PB17 Budget Outlook (FY17-FY21)

Ind Base Modernization
- FY17 Add: $20M
- FY17 Supplemental: $182M
Total Mod Program: $407M

RDT&E
- Procurement of Ammunition Army
- Research Development Test & Engineering
- Provision of Inactive Facilities
- Maintenance of Inactive Facilities
- Layaway of Industrial Facilities
- Armament Retooling and Manufacturing Support
- Conventional Ammunition Demil
- Ammunition Peculiar Equipment
- Life Cycle Pilot Process, RDTE 6.6
- Ammunition Logistics

Source: 17 PresBud
Dated: February 2016
Main Priorities & Challenges

1. Army Ammunition Plant (AAP) Modernization
2. Scranton Army Ammunition Plant (SCAAP) Competition ($994M; 15 yr Facility & 2 X 5-yr Supply)
3. Maintaining a Viable & Responsive Industrial Base
4. Reducing the Demil Stockpile
5. SMCA Customer Satisfaction

- Modernizing Without Disrupting Production
- Reducing Cost of AAP O&M ($20-$75M/yr)
- Increasing Demil Tons/$

4. Environmental
   1. Emissions/Steam Plants to Natural Gas
   2. Waste Water

5. ANSOL Remediation Solution
Radford AAP New Nitrocellulose (NC) Facility

**Modernized Facility Design**
- 20M lbs/yr Nominal capacity
- MIL-DTL-244C compliant
- Reduced footprint, reduced waste streams and emissions
- Increased perational efficiencies

**Main Facility**
- Acid Tank Farm
- Nitration
- Stabilization
- Dewatering/Pack-out
- Administration Building
- Laboratory

**Key Dates:**
- Construction Complete: April 2018
- Water Trials Complete: June 2018
- Commissioning Complete: Dec 2018
Holston Army Ammunition Plant (HSAAP) IMX Capacity and Demand Over Time

IMX = IMX-101 (65%) plus IMX-104 (35%).

(NQ/DNAN/NTO) (RDX/DNAN/NTO)
Holston Army Ammunition Plant (HSAAP)
RDX Capacity and Demand Over Time

Pounds / Year

Exceeds Capacity at HSAAP
CXM-AF-7 (Requires FEM)
CXM-AF-5 (Requires FEM)
CXM-7
Other DoD RDX
Commercial / FMS

Legend

1) HMX Production <2M lbs/yr
2) 1 lb HMX = 4 lbs RDX
Major Demil Stockpile Items

----Over 7,600 DODICs in the Demil Account----

Total Stockpile: 468,400 Tons
(438,904 tons ammo; 29,496 tons missile)

**New Navy Projectile Contracts:**
IDIQ Total: $46M; ~$12-15M/yr

- Draft RFP: **May 2017**
- Award: **April 2018**
- 16 inch rounds = $40M
- 3, 5, 6 & 8 inch rounds = $6M

**RDT&E Needs:**
- Smoke Munitions—Smoke effluent
- Riot Control--Chlorine Gas
- Torpedo Warheads—Ammonium Perchlorate

*Data for graph current as of Feb 2017*
Questions?
Single Manager for Conventional Ammunition (SMCA)  
Est. 1977

Sec Def  →  Sec Army  →  ASA(ALT)  →  PEO Ammo (est. 2002)  
SMCA Charter  
USD(AT&L) / Sec Army May 2015

**FY15-21 Fiscal Outlook (in $M) (Army & Other Services)**

![Graph showing FY15-21 Fiscal Outlook](image)

$2.4B

**FY16 SMCA Customer Survey Results**

<table>
<thead>
<tr>
<th>Category</th>
<th>Sub-Category</th>
<th>Customer Ratings</th>
<th>Service Ratings</th>
<th>Awarded</th>
<th>FY16 Average Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Participation in the transition of SMCA-assigned conventional ammunition</td>
<td>Satisfactory</td>
<td>Satisfactory</td>
<td>Good</td>
<td>90.0</td>
</tr>
<tr>
<td>2.</td>
<td>Management of the transition process</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>100.0</td>
</tr>
<tr>
<td>3.</td>
<td>Identification &amp; escalation of new manufacturing techniques</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>100.0</td>
</tr>
<tr>
<td>4.</td>
<td>Industrial Reconversion Planning</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>100.0</td>
</tr>
<tr>
<td>5.</td>
<td>Coordination on significant production base issues</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>100.0</td>
</tr>
<tr>
<td>6.</td>
<td>Management &amp; investment in the conventional ammunition production base</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>100.0</td>
</tr>
<tr>
<td>7.</td>
<td>Section 8b - Processing</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>100.0</td>
</tr>
<tr>
<td>8.</td>
<td>Participation and influence in the DPM process</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>100.0</td>
</tr>
<tr>
<td>9.</td>
<td>Procurement Planning</td>
<td>Satisfactory</td>
<td>Satisfactory</td>
<td>Good</td>
<td>90.0</td>
</tr>
<tr>
<td>10.</td>
<td>Procurement Administration Lead Times (PALT)</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>100.0</td>
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<tr>
<td>11.</td>
<td>Account and timely payment</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>100.0</td>
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<tr>
<td>12.</td>
<td>Execution and timely payment</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>100.0</td>
</tr>
<tr>
<td>13.</td>
<td>On-time delivery</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>100.0</td>
</tr>
<tr>
<td>14.</td>
<td>Configuration management</td>
<td>Good</td>
<td>Excellent</td>
<td>Excellent</td>
<td>100.0</td>
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<tr>
<td>15.</td>
<td>Product quality</td>
<td>Satisfactory</td>
<td>Excellent</td>
<td>Satisfactory</td>
<td>100.0</td>
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<tr>
<td>16.</td>
<td>Overall service</td>
<td>Good</td>
<td>Excellent</td>
<td>Good</td>
<td>100.0</td>
</tr>
<tr>
<td>17.</td>
<td>Overall satisfaction</td>
<td>Good</td>
<td>Excellent</td>
<td>Satisfactory</td>
<td>100.0</td>
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<tr>
<td>18.</td>
<td>Requisition processing for items in inventory</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>100.0</td>
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<tr>
<td>19.</td>
<td>Inventory management</td>
<td>Good</td>
<td>Good</td>
<td>Good</td>
<td>100.0</td>
</tr>
</tbody>
</table>

**FY16 Section 806s**

**Total Value: ~$14B**

**Total #: 62**

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**Section 806 Public Law 105-261**


**Authority:** SMCA authorized to limit procurements to NTIB sources

**Requirement:** Shall limit procurements to ensure essential suppliers are available for national emergencies

**Implementation:** DFARS 207.1: “SMCA will review the acquisition plan…. (ii) Shall not proceed with the procurement until the SMCA provides written concurrence with the acquisition plan.”

Source: 17 Pres Bud dated Feb 2016