Project Director Joint Products
2015 Munitions Executive Summit

PM Panel Brief

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Project Director Joint Products
Portfolio Snapshot

BOMBS
- Navy and Air Force General Purpose Bombs
- Navy and Air Force Practice Bombs
- Fuzes, Fins and Lugs
- Navy and Air Force Penetrator Bombs
- Air Force Cast Ductile Iron Bombs

NAVY GUN AMMO
- Navy Gun Ammo
- Deck Gun firing 5”/54 Cal Ammo
- 5”/54 Cal Gun Ammo bodies, prop charges and fuzes

CAD/PAD
- Cartridge Actuated Devices
- Propellant Actuated Devices

ENERGETICS
- HMX
- RDX
- PBXN-9
- LX-14
- IMX 101
- LX-14
Main Priorities

• Award new contracts:
  ✓ BLU-109 Penetrator Bomb Cases, Pallets and Containers
  ✓ BDU-50 500-lb Cast Ductile Iron Bomb

• Maximize FY15 5"/54-cal projectile and propelling charge execution quantities

• Complete First Article Testing and enter into production of the:
  ✓ DSU-33 Proximity Sensor
  ✓ FMU-143 Penetrator Bomb Fuze
  ✓ MK 437 Multi Option Fuze-Navy
  ✓ BDU-56 2,000 lb Cast Ductile Iron Bomb
  ✓ BSU-33 Bomb Fin
  ✓ 5" Propelling Charge (D326)

• Continue production of:
  ✓ BLU-109 2,000 lb Penetrator Bombs
  ✓ BLU-111 500 lb / BLU-110 1,000 lb
  ✓ BLU 117 2,000 lb General Purpose Bombs
  ✓ MK-84 Bomb Fin
Industrial Base Challenges

• Some budgeted requirements will push the lower limits of minimum sustaining rates and limit incentive to bid

• Need flexibility in both contracts and production facilities to absorb fluctuations in customer funding

  ✓ Will strive to maintain competitive opportunities

  ✓ Fixed price multiple year contracts

  ✓ Ability to produce fewer than 12 months of production, shut down and restart each year
Budget Outlook

Total Program $K

<table>
<thead>
<tr>
<th>Program</th>
<th>FY16-FY20 Spending</th>
</tr>
</thead>
<tbody>
<tr>
<td>GENERAL PURPOSE BOMBS</td>
<td>$1,197,233</td>
</tr>
<tr>
<td>PENETRATOR BOMBS</td>
<td>$384,901</td>
</tr>
<tr>
<td>CAST DUCTILE IRON/PRACTICE BOMBS</td>
<td>$370,052</td>
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<tr>
<td>5&quot;/54 CAL NAVY GUN AMMO</td>
<td>$193,762</td>
</tr>
<tr>
<td>FUZE/SENSOR PROGRAMS</td>
<td>$170,580</td>
</tr>
<tr>
<td>FINS PROGRAMS</td>
<td>$3,498</td>
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</tbody>
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Represents Other Service Dollars (Air Force and Navy)

Total Portfolio ~$2.3B

Spending Forecast:
- Increasing
- Consistent
- Decreasing
## FY16 Competitive Opportunities

<table>
<thead>
<tr>
<th>Product</th>
<th>Projected RFP Release</th>
<th>Projected Award Date</th>
<th>Dollar Amount</th>
<th>Contract Strategy</th>
<th>Contract Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLU-109 Penetrator Bomb Cases, Pallets &amp; Containers</td>
<td>3Q FY15</td>
<td>1QFY16</td>
<td>$683M</td>
<td>NTIB</td>
<td>5 Year, FFP</td>
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<tr>
<td>BDU-50 Cast Ductile Iron Bombs</td>
<td>4Q FY15</td>
<td>2QFY16</td>
<td>$484M</td>
<td>NTIB</td>
<td>3 Year, FFP</td>
</tr>
</tbody>
</table>
Closing Message to Industry

• Thank you for your continued commitment to delivering product to the Warfighter

• Overall bomb procurement quantities are rising over the next five years - fluctuations require flexible contracts and production facilities

• We rely on you for the timely delivery of components to support the Load Assemble & Pack of end items

• We are committed to our Service customers and our industrial base partners

• Effective communication is essential to continued success