



2019 NDIA Munitions Executive Summit

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**COL Hector Gonzalez, Project Manager
Maneuver Ammunition Systems (PM MAS)**

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Project Manager Maneuver Ammunition Systems (PM MAS)



• 5.56mm, 7.62mm, 9mm, .50 CAL
• Lake City Army Ammunition Plant (LCAAP)

• 20mm, 25mm, 30mm, 40mm
• JLTV 30X113mm



Product Manager Small Caliber Ammunition

Product Manager Medium Caliber Ammunition

Provides Acquisition, Program & Engineering Management Expertise in Support of:

- Developing and Acquiring all Direct Fire Ammunition for the Army (5.56mm to 120mm)
- Acquiring Direct Fire Ammunition for Air Force, Navy, Marine Corps & SOCOM in support of DoD's Single Manager for Conventional Ammunition (SMCA)
- Acquiring Non-DoD Standard Ammunition in Support of Allied Forces
- Direct Support to Cross Functional Teams



Product Manager Large Caliber Ammunition

Product Director & Special Ammunition & Weapon Systems (SAWS)

• 105mm, 120mm Tank Ammunition

• Foreign Small Cal, Medium Cal, RPG, Mortars, Artillery





PM MAS Support to Army Modernization Priorities

1

Long Range Precision Fires

2

Next Generation Combat Vehicle

- 30mm/50mm Multi-Mode Family of Ammunition
- 120mm Extended Line of Sight (ELOS)
- 105mm Mobile Protected Firepower (MPF)

3

Future Vertical Lift

- 20mm/30mm Anti-Personnel

4

Network/C31 (incl Assure PNT)

5

Air and Missile Defense

- 20mm M940 C-RAM
- .50 Cal C-UAS
- 30mm Enhanced Lethality

6

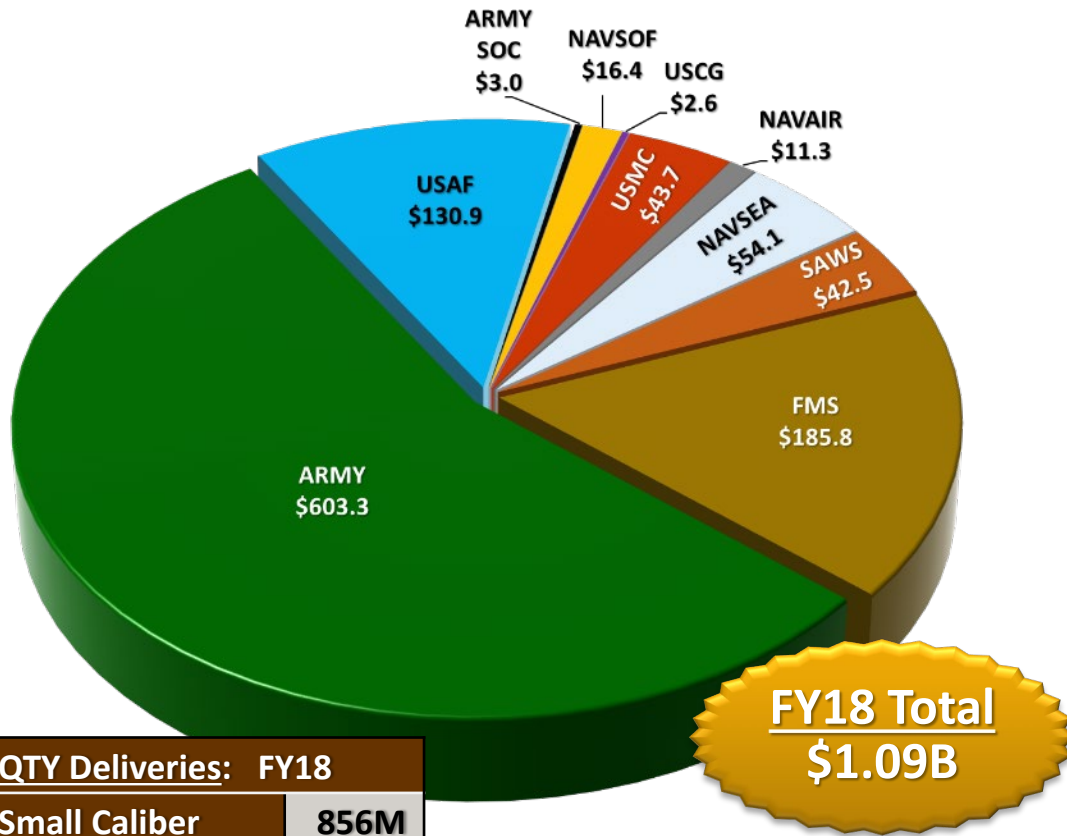
Soldier Lethality

- Next Generation Weapon Ammunition
- Advanced Armor Piercing (ADVAP)
- 40mm HV High Explosive Dual Purpose Air Burst (HEDP-AB)
- 40mm LV High Explosive Air Burst (HEAB)
- Lake City Army Ammunition Plant (LCAAP) Modernization



Support to Warfighter

PRODUCTION / R&D



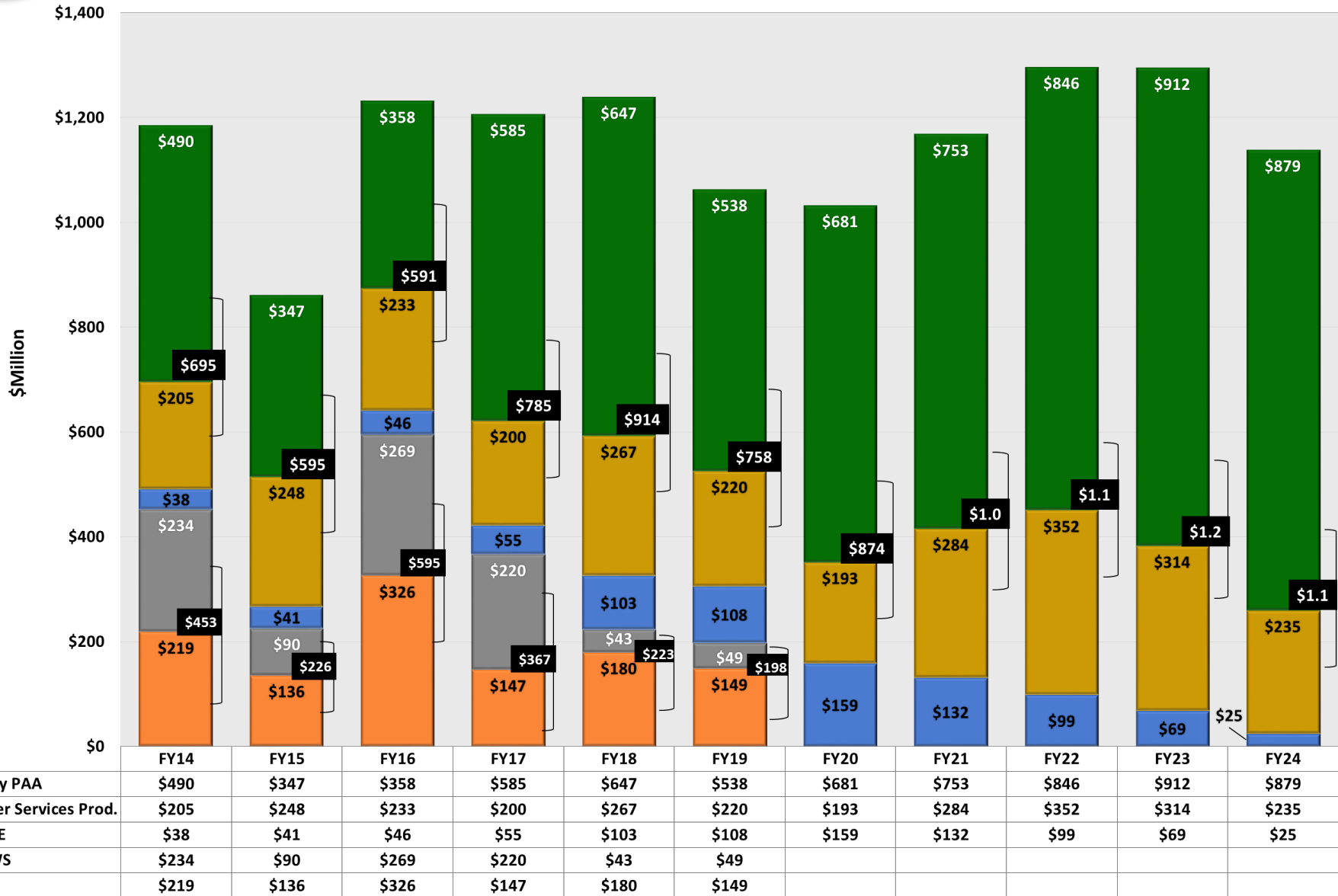
QTY Deliveries: FY18	
Small Caliber	856M
Medium Caliber	17M
Large Caliber	90K
SAWS	80M
TOTAL QTY.	954M

DEVELOPMENT

SMALL CALIBER	7.62mm XM1158, Advanced Armor Piercing (ADVAP)
	6.8mm NGSW Ammunition
	5.56mm One Way Luminescence (OWL)
	7.62mm One Way Luminescence (OWL)
	7.62mm Reduced Range Ammunition (RRA)
	.50 CAL Reduced Range Ammunition (RRA)
	.50 CAL Lightweight Small Caliber Case (LSCA)
MEDIUM CALIBER	30mm Air Burst
	30mm Stryker Lethality
	40mm I-HEDP
	40mm Door Breach
	40mm HEAB
50mm NGCV Ammo	
LARGE CALIBER	120mm Advanced Multi-Purpose (AMP)



All Services Funding PB20 (FY14-24)





Future PM MAS Competitive Opportunities

FY19					
Program/ Item/ Description	Projected RFP Release	Projected Award Date	Potential Contract Value	Contract Strategy	Contract Type
50mm TP	MAR 19	3QFY19	\$20M	DOTC	Other Transaction Authority
50mm AP	MAR 19	3QFY19	\$15M	DOTC	Other Transaction Authority
LCAAP	OCT 18	4QFY19	\$8.37B	Limited to U.S.	FFP IDIQ
40mm, HEDP	OCT 18	3QFY19	\$97.2M	Competitive	CPFF/FFP
12 Gauge Breaching	FEB 19	4QFY19	\$10M	Competitive	FFP IDIQ
40mm, NRE	MAR 19	4QFY19	\$15M	Competitive (multiple awards with one award as SBSA)	FFP IDIQ
30mm Stryker (HEAP-T)	MAR 19	3QFY19	\$164M	DOTC	Other Transaction Authority
.300 WINMAG	APR 19	4QFY19	\$6M	Competitive	FFP IDIQ
Dummy, Drilled Inert (5.56mm / 7.62mm / .50 Cal)	APR 19	4QFY19	\$5M	SBSA	FFP IDIQ
- FY20 -					
M865A1	JUN 19	2QFY20	\$165M	TBD	FFP
40mm, HV DNT	JUL 19	2QFY20	\$953M	Competitive	FFP
M548 Cans	FEB 19	4QFY20	\$9.5M	SBSA	IDIQ
Medium Caliber NRE	JUL 19	2QFY20	\$40M	TBD	IDIQ



Challenges and Industry Participation

- **Strengthen and maintain component level industrial base**
 - Subcontractor management

- **Supporting readiness with suitable training ammunition**
 - Requirements increasing
 - Training solutions for air bursting munitions

- **Affordable tungsten raw material and processing / forming**

- **Maximum use of Other Transition Authority (OTA) et al. DOTC, Cornerstone**

- **Medium Caliber steelcase production capacity**

- **Effective risk management to meet schedules**



RDT&E Schedules

