



Project Manager Soldier Weapons

The Soldier

Our Strength and Purpose

PM Individual Weapons LTC Steven Power



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PM Individual Weapons Portfolio



Operations & Support



M1911
Pistol



M11
Pistol



M9
Pistol



M16A2/M16A4
Rifle



M203/M203A1/M203A2
Grenade launcher w/ M4



M26
Modular Accessory
Shotgun System
(MASS)
Stand-alone



M26
Modular Accessory
Shotgun System
(MASS)
w/ M4



M14
Enhanced Battle
Rifle (EBR)



M500/M590
Shotgun



M150
Rifle Combat
Optic (RCO)



M68
Close Combat
Optic (CCO)



M9
Bayonet



M7
Bayonet

Production & Deployment



M4/M4A1
Carbine



M320
Grenade Launcher
Stand-alone



M320A1
Grenade Launcher
w/ M4



XM17/XM18
Modular Handgun
System (includes ammo)



Individual
Weapon
Cleaning Kit



Enhanced
Performance
Magazine

Development



M4/M4A1
Upgrades



Grenadier
Sighting System (GSS)

Directed Requirement

(image notional)



Squad Designated
Marksman (SDM)

Future

(images notional)



Next Generation
Squad Weapon (Carbine)



Tactical Compact Shotgun



Subcompact



Suppressors



Fire Control, Squad



Intelligent Rail

“Provide premier Soldier weapons systems enabling battlefield dominance”

PM Individual Weapons Focus Areas



Near Term

- Partner with the Combat Developer to develop the Maneuver Force Modernization Strategy, to include prioritizing S&T needs and top investments for FY20-24
- Continue to optimize Soldier weapons to maintain battlefield overmatch
- Support near term squad lethality and provide readiness to meet near-peer threats
- Complete MHS production verification and operational testing to achieve initial fielding in 1QFY18
- Accomplish Army M4A1 Carbine "Pure-fleet" in FY22
- Evaluate polymer magazines
- Develop suppression requirements, techniques and technologies
- Improve functionality, reliability, durability and parts life of existing systems

Mid Term

- Significantly increase Soldier lethality through Small Arms Fire Control
- Procure Next Generation Squad Carbine, Subcompact, & Designated Marksman Weapons
- Complete MHS fielding; complete divestiture of legacy handguns
- Field integrated weapons and accessories/enablers

Far Term

- Advance lethality through the application of revolutionary technologies

M4A1 Carbine



- **Description:**
 - A compact version of the M16A2 rifle, with a collapsible stock, a upper receiver accessory rail w/ detachable handle/rear aperture site assembly

- **Background:**
 - More than 90 performance-based design improvements since its inception in early 1990s
 - **Army authorized upgrade of all M4s to the M4A1 configuration in Sep 2010**
 - Will result in the conversion of approximately 483,000 weapons
 - Over 176K systems have been converted to date
 - **Army decision to “pure-fleet” its mix of M16/M4 carbines to the M4A1 in Jan 2014**
 - Limited Full & Open Competitive Contract awarded in Sep 2015 for a maximum quantity of 292K systems



Limited Full & Open Competition
✓ Executing Five-year, Firm Fixed Price IDIQ, with delivery orders competed between Colt Defense LLC and FN Manufacturing LLC

Continuing to field new weapons and PIP existing M4A1s

Continue to incrementally improve the capability of the Army service rifle



Modular Handgun System



- **Description:**

- The MHS provides improved accuracy, ergonomics, reliability, durability, lethality, and maintainability
- XM17 represents the full-size model, XM18 is the compact variant

- **Background:**

- Maximized full and open competition across our industry partners, the Army optimized private sector advancements in handguns, ammunition and magazines
- Awarded the contract to Sig Sauer (Newington, NH)
- Will replace the M9 and M11 pistols
- Conducting production verification and operational testing to support fielding



Full & Open Competition

- ✓ Awarded Ten-year, Firm Fixed Price IDIQ, Jan 2017

Conducting testing to support fielding in 1QFY18

M320/M320A1 Grenade Launcher Module



■ Description:

- The GLM is a 40mm grenade-launching weapon system
- M320 mounts under M16; M320A1 mounts under M4 series
- Improves squad level indirect/direct grenade launching capability out to 400m

■ Background:

- Capability Production Document (CPD), Feb 2007; revised Jun 2007
- Full Materiel Release, Dec 2008
- Over 44K systems fielded to date



Full & Open Competition Contract

- ✓ Executing a 5-year IDIQ contract for up to 32K systems in support of Army and other Service needs

Receiving and fielding systems

Lightening the Soldier's load with modularity



Near Term Squad Lethality



- Near term squad lethality and readiness to meet near-peer threats is an Army priority
- 7.62mm Squad Designated Marksman Rifle
 - Provides the capability to engage enemy personnel at the squad level from 0 to 600 meters
 - Army Directed Requirement, Dec 2016
 - Procure 6,069 interim systems (H&K G28E, 7.62x51mm semi-automatic rifle) as an interim solution for designated units, field via urgent materiel release
 - Continue development of the long-term solution



Polymer Magazine



- A Soldier Enhancement Program (SEP) project was approved in February 2017 to evaluate a polymer magazine:
 - Determine how well the weapon meets the requirements when equipped with a polymer magazine
 - Develop and prove out a purchase description
 - Assess legal and contractual issues that could arise if pursued (M4 series magazines are subject to a congressionally mandated Ability One set-aside)
- The Army procured magazines and is finalizing the plan to support testing scheduled to start this year
- Depending on the SEP outcomes, the Army may conduct a business case analysis to inform a magazine path forward