PM Crew Served Weapons
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“Provide premier Soldier weapons systems enabling battlefield dominance”
Path Forward

Near Term
• Continue to increase capability by introducing product improvements including advanced enablers (i.e., optics), lightweight materials, barrels, and ammunition improvements to legacy weapons
• Develop Precision and Crew Served Small Arms Fire Control
• Continue efforts to inform new requirements

Mid Term
• Increase Soldier lethality through Small Arms Fire Control and Optics
• Integrate technology advances from S&T programs and product improvements into current and next generation small arms systems
• Divest legacy precision weapons and replace with a single, multi-caliber capability

Far Term:
• Apply emerging ("revolutionary") technologies to the design/development of new types of weapons including command/self guided systems and directed energy solutions if soldier portable
XM914 (30mm Auto Cannon Chain Gun)

Description:
- Upgraded and modified version of the M230 30mm auto cannon chain gun (used on Apache)
- Vehicle mounted, link fed, externally powered weapon with an extended length barrel for enhanced muzzle velocity

Requirement:
- Directed requirement dated 5 July 2016

Desired Capabilities:
- Provides increased lethality over the M2 and MK19
- Paired with a Remote Weapon Station

Increases lethality of Scout vehicles in the IBCT to better conduct reconnaissance and surveillance missions
Lightweight M3E1 w/Fire Control

Description:
• Improved version of existing Medium Anti-Armor Weapon System (MAAWS also known as the M3)
• 84-mm reusable shoulder fired weapon that fires a suite of ammunition
• 28% lighter than existing M3 and 2.5” shorter
• Integrated fire control system combines the capabilities of a laser range finder and a close-medium range, rapid engagement optic

Requirement:
• Directed requirement dated 19 Jan 2017
• Projected to be fielded in 4QFY18

Desired Capabilities:
• Destroy hardened enemy fortifications, light armored vehicles and dismounted personnel during Unified Land Operations
• Destroy defilade or personnel targets at extended range
Precision Sniper Rifle (PSR)

Description
• Multi-caliber, bolt-action sniper rifle effective against personnel targets at extreme ranges
• Anti-personnel & anti-materiel ammunition
• Replaces current sniper rifles (M2010 & M107)

Requirement
• Capabilities production document approved in DEC 2015

Desired Capabilities
• Precision fires on 1500m man-sized targets
• Enhanced/increased shooter configurability with common ergonomic features
• Modular, multi-barrel design

Addresses long and medium-range needs of the modern battlefield with one platform
Next Generation Squad Automatic Rifle

Description
• Meets future force warfighting needs
• Planned replacement for the M249 Squad Automatic Weapon (SAW) in select units
• Industry Day planned for late June 2017

Requirement
• Capabilities development document projected approval in 3QFY17
• Industry day planned for late June 2017

Desired Capabilities
• Improved lethality (increased range, accuracy, effects)
• Lightweight Weapon and Ammo
Precision (Sniper) and Crew Served Fire Control

Precision Fire Control (PFC)

Description:
• Increases P(h), Decreases engagement times for M110 and M2010

Requirement:
• Capabilities development document projected approval in 3QFY17

Acquisition Approach:
• Competitive engineering manufacturing development phase
• Contract award anticipated before 2QFY18

Crew-Served Fire Control

Description:
• Increases first burst P(h), decreases effective engagement time for M249 and M240L in dismounted configurations

Requirement:
• Capabilities development document in staffing

Acquisition approach:
• FY18 competitive commercial-based engineering manufacturing development phase
• Contract award anticipated in 1QFY19
Mounted Machine Gun Optic (MMO)

Description
• Provides close combat and long-range engagement capabilities in one optic
• Improves lethality and effectiveness of mounted machine guns

Requirement
• Capability development document approved on 11 Dec 2016

Acquisition approach
• Competitive contract for off the shelf non-developmental item
• Fielding begins in 1QFY20