



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

Program Manager

SOF WARRIOR
PM-Ammo & Weapons



SOF WARRIOR

PM – AMMO & WEAPONS MISSION

Develop, procure and sustain Weapon, Visual Augmentation, Fire Support capabilities, and Munitions for specific missions when Service solutions do not meet SOF requirements.

SOF Unique Attributes/Focus:

- **VAS: EXPAND LIMITED VISABILITY ADVANTAGES** over Sophisticated Threats
- **Fire Support Systems: REDUCE THE WEIGHT** of Pointers, Markers, Target Location Devices. Develop more **PRECISE AND ACCURATE** munitions systems
- **Weapons:** Improve suppressors (flash, sound & glint) for **REDUCED SIGNATURE** to obtain/maintain **LOW VISIBILITY**
- **Ammunition: COVERTNESS** through Flash-less powder, subsonic munitions; accurate across all temperatures

ACQUISITION PHILOSOPHY

UNCLASSIFIED

- **Maximize utilization of Service Common materiel solution**
 - Fully integrated in the requirements/development process via multiple joint venues/IPTs
- **Build SOF Specific materiel solution**
 - Competitive Procurements via 5 Year IDIQ Contracts
 - Focused on SOF-specific missions
 - Transition from SOF to regular forces
- **Modified Commercial Off the Shelf**

UNCLASSIFIED

AMMO & WEAPONS PORTFOLIO



Night Vision Goggle w/ Clip-on Thermal Imager

- **Visual Augmentation Systems**

- Helmet Mounted: Image Intensified (I²) Binocular, Clip-On Thermal Imager, Fusion
- Handheld: Thermal Imagers, Laser Markers
- Mounted: Clip-On Night Vision Devices, Direct Optic Magnified Sights, Red Dot Aiming Devices, Laser Pointers, and Illuminators



Hand Held Imagers



Handheld Laser Marker



Sniper Scope w/Improved Night Observation Device (INOD)

- **Weapons and Accessories**

- Combat Assault Rifles
- Machine Guns
- Sniper Rifles
- Suppressors



Combat Optics and Lasers



SOF Laser Acquisition Marker



MK13 MOD 7 Sniper Rifle



Combat Assault Rifle

- **Ammunition, Demolitions and Breaching**

- Small Caliber Ammunition
- Shoulder Fired Systems
- Aviation Ammunition
- Demolitions and Pyrotechnics



AC-130 Ammo

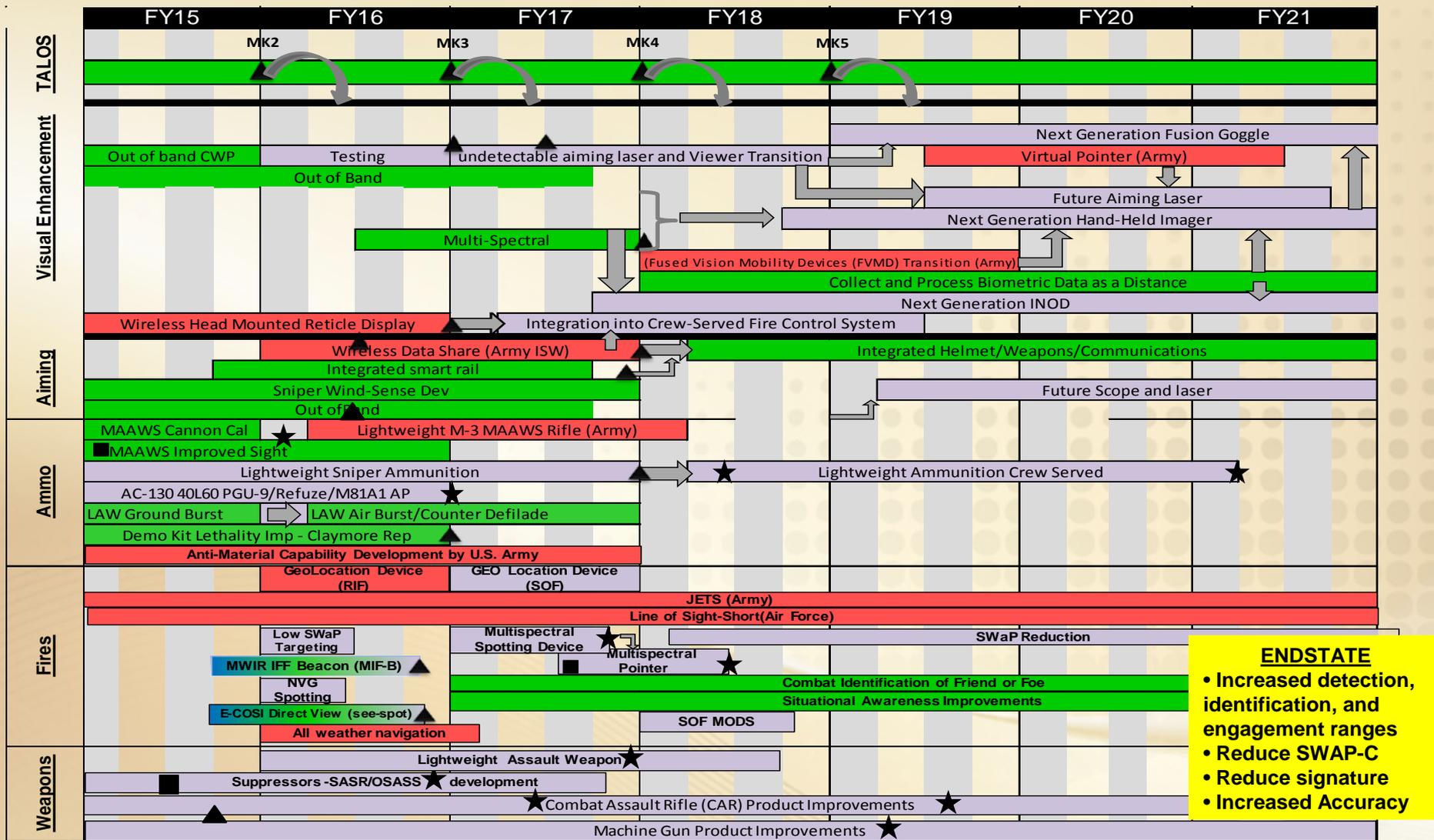


Advanced Lightweight Grenade Launcher



Precision Sniper Rifle

LETHALITY TECHNOLOGY INSERTION ROADMAP



ENDSTATE

- Increased detection, identification, and engagement ranges
- Reduce SWaP-C
- Reduce signature
- Increased Accuracy

ENHANCED COMBAT OPTICAL SIGHT - CARBINE

- Procurement of Enhanced Combat Optical Sight - Carbine for the next generation SU-230/PVS and SU-261/PVS family of systems
- Improve on current performance parameters
- Threshold engagement range of 500M, objective of 1000M
- Large eye-box, low parallax, and integrated aim dot
- Reticle configurations for both 5.56mm and 7.62mm weapons
- Variable magnification from 1x to 6x
- Compatible with SOF assault weapons and light machine guns
- MK 17 Combat Assault Rifle shock hardened



<p>ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Full and Open Competition • IDIQ Contract 	<p>PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 5 Years 	<p>MILESTONES</p> <ul style="list-style-type: none"> • RFP Release: 3rd QTR FY16 • Contract Award: 2nd QTR FY17
<p>POINT OF CONTACT</p> <ul style="list-style-type: none"> • 813.826.9482 (TILO) 	<p>FUNDING</p> <ul style="list-style-type: none"> • \$25M 	<p>CURRENT CONTRACT/OEM</p> <ul style="list-style-type: none"> • N00164-10-D-JN71, Raytheon ELCAN • N00164-10-D-JN77, Raytheon ELCAN • N00164-10-D-JN02, L-3 Warrior Systems

ENHANCED COMBAT OPTICAL SIGHT - CLOSE QUARTER BATTLE

- Procurement of Enhanced Combat Optical Sight – Close Quarter Battle for the next generation of the SU-231/PEQ family of systems
- Improve on current performance parameters
- Primarily for 100m; ability to accurately engage at 300m
- 1x sight compatible with 3x magnifier
- Large eye-box, low parallax
- Compatible with MK 17 Combat Assault Rifle and M4 Carbine



ACQUISITION STRATEGY
<ul style="list-style-type: none"> • Full and Open Competition • IDIQ Contract

PERIOD OF PERFORMANCE
<ul style="list-style-type: none"> • 5 Years

MILESTONES
<ul style="list-style-type: none"> • RFP Release: 3rd QTR FY16 • Contract Award: 2nd QTR FY17

POINT OF CONTACT
<ul style="list-style-type: none"> • 813.826.9482 (TILO)

FUNDING
<ul style="list-style-type: none"> • \$25M

CURRENT CONTRACT/OEM
<ul style="list-style-type: none"> • N00164-10-D-JN68, L3 EOTECH

ADVANCED TARGET POINTER ILLUMINATOR AIMING LIGHT

- Contract for procurement of Advance Target Pointer Illuminator Aiming Light for the next generation of LA-5/PEQ family of systems
- Improve on current performance parameters
- Undetectable aiming laser (O), reduced volume (O) and reduced weight (O)
- Accurate Range finding to 1500m (T)
- Ballistic Computing
- Compatible with SOF assault weapons, sniper weapons and machine guns
- MK 17 Combat Assault Rifle shock hardened



<p>ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Full and Open Competition • IDIQ Contract 	<p>PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 5 Years 	<p>MILESTONES</p> <ul style="list-style-type: none"> • RFP Release: 3rd QTR FY16 • Contract Award: 2nd QTR FY17
<p>POINT OF CONTACT</p> <ul style="list-style-type: none"> • 813.826.9482 (TILO) 	<p>FUNDING</p> <ul style="list-style-type: none"> • \$50M 	<p>CURRENT CONTRACT/OEM</p> <ul style="list-style-type: none"> • N00164-10-D-JN19, L-3 Warrior Systems

CLIP-ON UNDETECTABLE IMAGER

- Contract for procurement of Clip-On Undetectable Imager (COUI) for the BNVD family of systems
- Utilize current performance parameters, with:
 - Out of band sensor with a spectral response of 0.7 um to 12 um(T), reduced volume (O), when attached to the AN/PVS-31. shall provide the user with an optical overlay fusion capability
 - The COUI shall weight (including batteries, mounts and cables) less than 400 grams
- Compatible with SOF's NVGs



<p>ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Full and Open Competition • IDIQ Contract 	<p>PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 5 Years 	<p>MILESTONES</p> <ul style="list-style-type: none"> • RFP Release: 1st QTR FY17 • Contract Award: 1st QTR FY18
<p>POINT OF CONTACT</p> <ul style="list-style-type: none"> • 813.826.9482 (TILO) 	<p>FUNDING</p> <ul style="list-style-type: none"> • \$50M 	<p>CURRENT CONTRACT/OEM</p> <ul style="list-style-type: none"> • H92222-13-C-0015, Optics 1, Manchester, NH

SMALL TARGET LOCATION DEVICE

- **Contract for development and procurement of Small Target Location Device**
- **Provide CAT II Target Coordinates (TLE 90 < 15m @ 3km)**
- **Hand-Held Configuration (< 6 lbs.)**
- **Provide Day/Night targeting capability in Celestial denied environment**



<p>ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Full and Open Competition • IDIQ Contract 	<p>PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 5 Years 	<p>MILESTONES</p> <ul style="list-style-type: none"> • RFP Release: 3rd QTR FY16 • Contract Award: 2nd QTR FY17
<p>POINT OF CONTACT</p> <ul style="list-style-type: none"> • 813.826.9482 (TILO) 	<p>FUNDING</p> <ul style="list-style-type: none"> • \$50M 	<p>CURRENT CONTRACT/OEM</p> <p>N/A</p>

SUPPRESSED UPPER RECEIVER GROUP

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- Contract for procurement of Suppressed Upper Receiver Group
- Provides a two-pin conversion for use with M4A1 that provides an upper receiver designed to run suppressed 100% of the time
- System must be rebuildable with serialized part having the same wear-out time as the M4A1 lower receiver
- Optimized for M855A1 ammunition
- Overall length of upper is the same as the M4A1 w/o suppressor



ACQUISITION STRATEGY <ul style="list-style-type: none">• Full and Open Competition• IDIQ Contract	PERIOD OF PERFORMANCE <ul style="list-style-type: none">• 5 Years	MILESTONES <ul style="list-style-type: none">• RFP Release: 2nd QTR FY16• Contract Award: 1st QTR FY17
POINT OF CONTACT <ul style="list-style-type: none">• 813.826.9482 (TILO)	FUNDING <ul style="list-style-type: none">• \$50M	CURRENT CONTRACT/OEM <p>N/A</p>

IMPROVED .300WM SNIPER ROUND

- **Contract for development and procurement of Improved .300 WinMag Sniper Ammunition**
- **Provide improved accuracy and increased range**
- **Increase lethality**



ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- RFP Release: 1st QTR FY16
- Contract Award: 3rd QTR FY16

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$20M

CURRENT CONTRACT/OEM

N/A

5.56MM GREEN AMMO

- **Contract for development and procurement of Green Ammo**
- **Provide reduced toxicity rounds (lead free)**
- **Compatible with Shoot house requirements**
- **5.56mm**



ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

PERIOD OF PERFORMANCE

- 5 Years

MILESTONES

- RFP Release: 4th QTR FY15
- Contract Award: 2nd QTR FY16

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- \$20M

CURRENT CONTRACT/OEM

N/A