



# SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

**Lt Col Josh Bohnart**

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

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# AMMO & WEAPONS PORTFOLIO



Night Vision Goggle w/ Clip-on Thermal Imager

- Visual Augmentation Systems
  - Helmet Mounted: Image Intensified (I<sup>2</sup>) Binocular, Clip-On Thermal Imager, Fusion
  - Mounted: Clip-On Night Vision Devices, Direct Optic Magnified Sights, Red Dot Aiming Devices
  - Handheld: Thermal Imagers, Laser Markers

Handheld Laser Marker



MK13 Sniper Rifle w/ Improved Night Observation Device

- Weapons and Accessories
  - Combat Assault Rifles
  - Machine Guns
  - Sniper Rifles
  - Laser Pointers, Illuminators, and Suppressors



Combat Assault Rifle



SOF Laser Acquisition Marker

- 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

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# OPPORTUNITIES NEXT

## 12-18 MONTHS



- Visual Augmentation Systems
  - Enhanced Combat Optical Sight – Carbine (ECOS-C)
  - Enhanced Combat Optical Sight – Close Quarters Battle (ECOS-Q)
  - Advanced Target Pointer Illuminator Aiming Light (ATPIAL)
  - Clip on Visual Augmentation Device (CVAD)
  - Clip on SWIR Imager
- Fire Support Systems
  - Small Target Location Device (STLD)
  - Laser Range Finder

# OPPORTUNITIES NEXT 12-18 MONTHS



- Weapons/Munitions
  - Lightweight Ammo (50cal/7.62mm)
  - Wall breaching Shoulder Fired
  - Airburst low/mid velocity 40mm
  - Personal Defensive Weapon
  - Clandestine Breakdown Sniper Rifle

# ENHANCED COMBAT OPTICAL SIGHT - CARBINE



- Contract for procurement of Enhanced Combat Optical Sight - Carbine for sustainment of the current SU-230/PVS and SU-261/PVS family of systems.
- Utilize current performance parameters.
- Reticle configurations for both 5.56mm and 7.62mm weapons.
- Threshold engagement range of 500M, objective of 1000M.
- Selectable fixed magnifications at 1.5x (T) and 4x (T).
- Compatible with MK 17 Combat Assault Rifle and M4 Carbine.



## ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

## PERIOD OF PERFORMANCE

- 5 Years

## MILESTONES

- RFP Release: 1 QTR FY15
- Contract Award: 1 QTR FY16

## POINT OF CONTACT

- 813.826.9482 (TILO)

## FUNDING

- \$25M

## CURRENT CONTRACT/OEM

- N00164-10-D-JN71, Raytheon - ELCAN
- N00164-10-D-JN77, Raytheon - ELCAN
- N00164-10-D-JN02, L-3 Warrior Systems

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# ENHANCED COMBAT OPTICAL SIGHT - CLOSE QUARTER BATTLE



- Contract for procurement of Enhanced Combat Optical Sight – Close Quarter Battle for sustainment of the current SU-231/PEQ family of systems.
- Utilize current performance parameters.
- Compatible with MK 17 Combat Assault Rifle and M4 Carbine.



## ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

## PERIOD OF PERFORMANCE

- 5 Years

## MILESTONES

- RFP Release: 1 QTR FY15
- Contract Award: 1 QTR FY16

## POINT OF CONTACT

- 813.826.9482 (TILO)

## FUNDING

- \$25M

## CURRENT CONTRACT/OEM

- N00164-10-D-JN68,  
L3 EOTECH

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# ADVANCED TARGET POINTER ILLUMINATOR AIMING LIGHT



- Contract for procurement of Advance Target Pointer Illuminator Aiming Light for sustainment of the current LA-5/PEQ family of systems.
- Potential for requirement revisions which could lead to the next generation of carbine mounted laser system.
- Utilize current performance parameters, with:
  - Out of band laser, reduced volume and reduced weight.
- Compatible with MK 17 Combat Assault Rifle and M4 Carbine.



<p><b>ACQUISITION STRATEGY</b></p> <ul style="list-style-type: none"> <li>• Full and Open Competition</li> <li>• IDIQ Contract</li> </ul>	<p><b>PERIOD OF PERFORMANCE</b></p> <ul style="list-style-type: none"> <li>• 5 Years</li> </ul>	<p><b>MILESTONES</b></p> <ul style="list-style-type: none"> <li>• RFP Release: 1 QTR FY15</li> <li>• Contract Award: 1 QTR FY16</li> </ul>
<p><b>POINT OF CONTACT</b></p> <ul style="list-style-type: none"> <li>• 813.826.9482 (TILO)</li> </ul>	<p><b>FUNDING</b></p> <ul style="list-style-type: none"> <li>• \$50M</li> </ul>	<p><b>CURRENT CONTRACT/OEM</b></p> <ul style="list-style-type: none"> <li>• N00164-10-D-JN19, L-3 Warrior Systems</li> </ul>

# CLIP ON VISUAL AUGMENTATION DEVICE – SENSOR FUSED



- Contract for procurement of Clip-on Visual Augmentation Device – Next Generation of Clip-on Night Vision Device
- Inline, compatible with MK 17 Combat Assault Rifle and M4 Carbine and current SOF day scopes.
- Fuses Near IR and Thermal capability with adjustable intensity
- Ability to operate under all lighting conditions to 400m (T) without detection
- Weight: 2.5lbs(T); 1.5lbs (O)



## ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

## PERIOD OF PERFORMANCE

- 5 Years

## MILESTONES

- RFP Release: 1 QTR FY15
- Contract Award: 1 QTR FY16

## POINT OF CONTACT

- 813.826.9482 (TILO)

## FUNDING

- \$50M

## CURRENT CONTRACT/OEM

N/A

# CLIP-ON SWIR IMAGER



- Contract for procurement of Clip-On SWIR Imager for the BNVD family of systems.
- Utilize current performance parameters, with:
  - SWIR sensor with a spectral response of 0.9 um to 1.6 um(T), reduced volume, when attached to the AN/PVS-31. shall provide the user with an optical overlay fusion capability
  - The COSI shall weight (including batteries, mounts and cables) less than 400 grams
- Compatible with SOF's NVGs



## ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

## PERIOD OF PERFORMANCE

- 5 Years

## MILESTONES

- RFP Release: 1 QTR FY15
- Contract Award: 4 QTR FY15

## POINT OF CONTACT

- 813.826.9482 (TILO)

## FUNDING

- \$50M

## CURRENT CONTRACT/OEM

- H92222-13-C-0015,  
Optics 1, Manchester, NH

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# SMALL TARGET LOCATION DEVICE



- Contract for procurement and sustainment of Small Target Location Device
- Provide CAT II Target Coordinates (TLE 90 < 15m @ 3km)
- Hand-Held Configuration (< 5lbs)
- Provide Day/Night targeting capability utilizing Celestial, Terrestrial and GPS bearings
- Wireless capability for information exchange



## ACQUISITION STRATEGY

- Full and Open Competition
- IDIQ Contract

## PERIOD OF PERFORMANCE

- 5 Years

## MILESTONES

- Industry Day: June 2014
- RFI Release: 2<sup>nd</sup>/3<sup>rd</sup> QTR FY15
- RFP Release: 1<sup>st</sup> QTR FY16
- Contract Award: 4<sup>th</sup> QTR FY16

## POINT OF CONTACT

- 813.826.9482 (TILO)

## FUNDING

- \$50M

## CURRENT CONTRACT/OEM

N/A

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# POCKET LASER RANGE FINDER (PLRF)



- Contract procurement of 2 versions of Class 1 eye safe Militarized PLRF(s)
  - Small, ranging capabilities 500 to 800 meters
  - Large, ranging capabilities ~2000 meters
- Hand-Held Configuration ( .5lbs, 1lbs)
- Provide Day/Night ranging and viewing capabilities.
- Wireless capabilities for information exchange



<p><b>ACQUISITION STRATEGY</b></p> <ul style="list-style-type: none"> <li>• Full and Open Competition</li> <li>• IDIQ Contract</li> </ul>	<p><b>PERIOD OF PERFORMANCE</b></p> <ul style="list-style-type: none"> <li>• 5 Years</li> </ul>	<p><b>MILESTONES</b></p> <ul style="list-style-type: none"> <li>• RFI 3<sup>rd</sup>/4<sup>th</sup> QTR FY15</li> <li>• RFP Release: 2<sup>nd</sup> QTR FY16</li> <li>• Contract Award: 4 QTR FY16</li> </ul>
<p><b>POINT OF CONTACT</b></p> <ul style="list-style-type: none"> <li>• 813.826.9482 (TILO)</li> </ul>	<p><b>FUNDING</b></p> <ul style="list-style-type: none"> <li>• Dependent on Resourcing</li> </ul>	<p><b>CURRENT CONTRACT/OEM</b></p> <p>N/A</p>

# QUESTIONS?



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