Agenda

• PEO Introduction / Overview
• Three PM Briefs (FOSOV, SSES, A&W):
  – Who we are
  – What we do
  – Where we are going
  – What we need from industry
• Break Out Discussions (this room is ours all week)
• Session #2 will discuss portfolio-wide technology Interests
Why We Are here

• Industry | SOCOM need to meet!
• Ensure industry understands our Interests
• Reinforce industry collaboration w/Special Operations Forces Acquisition, Technology, and Logistics
• Continue to mature our process; more efficiently target SOF Warrior capability Interests
  – FedBiz OPS Special Notice – 1 April 2016 - UNCLASS Tech Interest Items
  – SOCOM BAA – Every March
• Will continue semi-annual trend of events
• Fourth annual SOF Warrior Industry Collaboration (SOFWIC) – (6) months post-SOFIC ~Oct/Nov 16

TIRELESS, DILIGENT, FEARLESS IN OUR SUPPORT TO SOF!!
**Objective**

- Enhance PEO-SW and Supported Community User Team collaboration with industry in support of the SOF Operator.
- Identify innovative capability solutions that might add enhanced capabilities to the Special Operations Forces (SOF) warfighter.
- Influence Industry Research and Development (IRAD) - We want industry working on the right stuff that meets our Interests!
SOFWIC 2015 Metrics

- 150+ Vendor Submissions received in response to the USSOCOM Special Notice
- 62 Total white papers selected to brief:
  - 48 Vendor proposals selected to brief USSOCOM
  - 14 Vendor proposals selected to brief JSOC on CRADA opportunities
- $50.78M Vendor proposed IRAD
- $1025.68M total leveraged investment
SOFWIC 2015 Results

- PEO-SW
  - 2 purchases (Soldier Survival)
  - 2 CRADA/possible project (Communications & Mobility)
  - 2 vendors continued market research/monitoring (VAS & ISR)
- JSOC pursuing multiple CRADAs:
  - Communications
  - Intelligence, Surveillance, and Reconnaissance (ISR)
  - Power and Energy
- TALOS
  - Multiple NEW industry connections
  - Incorporated into TALOS networking/events
MISSION

“Provide rapid and focused acquisition of SOF-unique capabilities to USSOCOM operators conducting decisive SOF activities and global operations against terrorist networks”
Program Executive Office SOF Warrior

MOBILITY
“Individual to Heavy Ground Vehicles”
- Light Tactical All Terrain Vehicles
- GMV 1.1
- Ground Mobility Vehicle (Medium)
- MRAP-ATV (Heavy)
- Non-Standard Commercial Vehicles
- Combat Uniform & Helmets

SURVIVAL
“Protection, Load Carriage & Medical”
- Body Armor / Load Carriage System
- Casualty Evacuation
- Individual & Combat Medic Kits
- Night Vision Goggles AN/PVS-31
- Aviation Ammo

LETHALITY
“Munitions, Visual Augmentation, Lasers & Weapons”
- MK 17 Combat Assault Rifles
- Multi-purpose Anti-armor Anti-personnel Weapon System
- Handheld Laser Marker
- Demolition Kits
- Sniper Weapons & Accessories
- Laser Acquisition Markers
Deliver “Game Changing” Technology
Maximize & Leverage (DoD, Industry, Academia, Partner Nations)
Execute Planned Transitions

Vision

Understand Interests

Technology Interests
Component & TSOC Interests
PEO Interests
Threat-Related

Understand Technology

Scouting
Internal Projects
PEOs

Roadmaps
External Projects
Military Services

Red Team
Studies
Enablers, COI, OGA, DoD

Develop Solutions

Involve Warfighters
Increase Speed
Manage Risk

Planning for the Future
PEO-SW PM Portfolio Briefs

FOSOV

Session 1
Mobility to Penetrate the Shadows

LtCol James Utsler
Program Manager

Family of Special Operations Vehicles
The recognized expert and trusted provider to **acquire**, **innovate** and **sustain** the most capable tactical ground mobility platforms providing SOF operators and enablers a distinct advantage.

**Mission Statement**

2,773 SOF Modified vehicles Deployed Worldwide
The Iron Triangle

Achieving Operational Overmatch

- Expeditionary
- Mobility
- Lethality
- Survivability
- Increased Payload

Configurable Mission Packages

Protection Added At Expense Of Size And Off-road Mobility Performance & Payload

Performance & Payload At The Expense Of Protection

Research & Development Funds To Pivot Quickly And Focus On New Technology
Light Tactical All-Terrain Vehicle

System Description / Mission

- A modified commercial-off-the-shelf (COTS) 4x4, side-by-side seat All-terrain vehicle that is internally air transportable via V-22, H-53, and H-47.
- Additional modifications include litter carrying capability, run flat tires, IR light system, winch for self-recovery, and weapons mount.

Key Points / Attributes

- **MRZR2**
  - VCW: 1624 lbs.
  - Length: 115.4’, Width: 59.5”; Height: 73.6”
  - Unit Cost: $30,000

- **MRZR4**
  - VCW: 1937 lbs.
  - Length: 141.5’, Width: 59.5”; Height: 73.8”
  - Unit Cost: $32,000

Performance

<table>
<thead>
<tr>
<th>Performance @ GVW on Hard Surface</th>
<th>Maintain 45 mph</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>65 mph (T); 75 mph (O)</td>
</tr>
<tr>
<td>Internal Air Transport</td>
<td>CV-22/C/MH47/CH53</td>
</tr>
<tr>
<td>Rollover Protection</td>
<td>115% Gross Vehicle Weight</td>
</tr>
<tr>
<td>Air Drop Certification</td>
<td>C130/ C17</td>
</tr>
<tr>
<td>Payload</td>
<td>1000 2-seat</td>
</tr>
<tr>
<td></td>
<td>1500 4 seat</td>
</tr>
<tr>
<td>Maintain 45 MPH</td>
<td></td>
</tr>
<tr>
<td>0-30 MPH in 10 Sec</td>
<td></td>
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</tbody>
</table>
**LTATV Business Opportunities**

- **Hybrid Electric Technology**
  - Hybrid Vehicle Rodeo in FY17

- **Reduce Visual and Noise Signatures**

- **Light Vehicle Safety Improvements and Accessories**

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<table>
<thead>
<tr>
<th><strong>ACQUISITION STRATEGY</strong></th>
<th><strong>PERIOD OF PERFORMANCE</strong></th>
<th><strong>MILESTONES</strong></th>
<th><strong>CURRENT CONTRACT/OEM</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>• 5-Year IDIQ Contract</td>
<td>• 5 Years</td>
<td>• Contract Award: July 2015</td>
<td>• Polaris MRZR2</td>
</tr>
<tr>
<td>• Single Vendor Award</td>
<td>• July 2015 – July 2020</td>
<td>• Start Fielding Diesel LTATV: FY17</td>
<td>• Polaris MRZR4</td>
</tr>
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</tbody>
</table>

**POINT OF CONTACT**

- 813.826.9482 (TILO)

**FUNDING**

- $8M/Year
System Description / Mission

- The NSCV provides SOF with a Low Visibility vehicle capability to conduct operations in politically or operationally constrained permissive, semi-permissive, or denied areas.

- The current NSCV is based on commercial vehicle platforms:
  - Toyota Hilux, Land Cruiser 79, Ford Ranger (Trucks)
  - Toyota Land Cruiser 76, 78, 200 series (SUVs)

Key Points / Attributes

- Seven Year IDIQ Contract valued at $170M for up to 556 NSCVs and Logistics Packages (Currently in Source Selection)

- Basis of Issue (BOI):
  - Full Operational Capability (FOC): 530 NSCVs
    - 148 CONUS / 382 OCONUS
  - Achieve FOC in FY16 and transition into Lifecycle Replacement
    - 3 years OCONUS / 5 years CONUS

Performance

- Payload:
  - 2,500 lbs (Unarmored Variants)
  - 2,200 lbs (Armored Trucks)
  - 2,000 lbs (Armored SUVs)

- Internal Air Transport:
  - H-47 (trucks), C-130 and above (all)

- Mission Profile:
  - 10% Primary Roads, 40% Secondary Roads, 45% Trails, 5% Cross Country

Performance / Durability

- Upgrades:
  - HD Suspension, HD Brakes, Frame Reinforcements, Skid Plates, Blackout/IR, Dual Alternator, Drive Train, Tires

- C4ISR:
  - LoS, SATCOM, ECMS/CREW, GPS
NSCV Business Opportunities

- Lightweight Transparent and Opaque Armor
- Low Visibility Transferable Armor
- Modification Cost Reduction Efforts (Brakes, Suspension, etc.)
- Low Profile Antennas for Line of Sight, SATCOM, and ECMS
- Modular Purpose Built Chassis for SUVs and Trucks

**ACQUISITION STRATEGY**
- Current: GSA Blanket Purchase Agreement (BPA)
- Future: 7-Year IDIQ (currently in SS)

**PERIOD OF PERFORMANCE**
- Armored: GSA BPA extended through 1QFY17
- Unarmored: GSA BPA extended through 2QFY17

**MILESTONES**
- Contract Award 4th Qtr FY16
- Production Qualification Testing 2nd Qtr FY17

**FUNDING**
- $23.7M/Year (Average)

**CURRENT CONTRACT/OEM**
- Armored: Battelle Memorial Institute
- Unarmored: Ultra Armoring

**POINT OF CONTACT**
- 813.826.9482 (TILO)
**Ground Mobility Vehicle 1.0**

**System Description / Mission**
- The Ground Mobility Vehicle 1.0 (GMV 1.0) is a medium class High Mobility Multipurpose Wheeled Vehicle (HMMWV) with Special Operations - Peculiar (SO-P) modifications.
- Currently there are three variants that make up the enduring GMV 1.0 fleet:
  - M1165A1 w/B3 designed for maximum protection
  - M1165A1 Ultralight provides maximum range and mobility
  - M1113 provides maximum transportability; MH-60 airlift capable.
- ACAT III program; CPD 2009

**Key Points / Attributes**
- Configurations up to 7 operators
- Continues to be employed in contingency operations
- Currently in sustainment
- Potential opportunities for future:
  - RECAP
  - Capability improvements
  - Equipment exchange agreements

**Performance**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>350 Miles (Ultralight)</td>
</tr>
<tr>
<td>Speed</td>
<td>65 MPH</td>
</tr>
<tr>
<td>Internal Air Transport</td>
<td>C-130 (CH-47 w/ Modifications)</td>
</tr>
<tr>
<td>Payload</td>
<td>3,120 – 5,880lbs variant dependent</td>
</tr>
<tr>
<td>Net Ready</td>
<td>Incorporates SOCOM C4ISR Suite</td>
</tr>
</tbody>
</table>
**Ground Mobility Vehicle 1.1**

### Key Points / Attributes

- 7 Operators for SOF (up to 10 with seating kits)
- Fielding to SOF units began in Mar 2016
- SOF Gross Weight (GVWR): 13,000lbs
- Length 182", Width 79", Height 72.00"

### System Description / Mission

- An ACAT III, Program of Record, for High Mobility, cross country, Joint SOF medium mobility missions
- Internally Air Transportable in a C/MH-47
  - Depending on payload, one or two vehicles can fit in a C/MH-47
- Scalable armor (NATO STANAG Level I w/Frag)
- SOF Full Operational Capability: 1297 vehicles

### Performance

<table>
<thead>
<tr>
<th>Performance</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tractive Effort</td>
<td>Ability to climb &gt;= 60% slope</td>
</tr>
<tr>
<td>Internal Air Transport</td>
<td>C/MH-47 &amp; C-130 or larger</td>
</tr>
<tr>
<td>Vehicle Characterization</td>
<td>Capable of re-configurations for various missions w/ built-in interface controls and the use of kits</td>
</tr>
<tr>
<td>Survivability</td>
<td>Provide integrated structure with crush resistant roof to support 100% GVW</td>
</tr>
<tr>
<td>Net Ready</td>
<td>Incorporates SOCOM C4 suite</td>
</tr>
<tr>
<td>Operational Availability</td>
<td>95%</td>
</tr>
</tbody>
</table>
**GMV 1.1 Business Opportunities**

- Signature Reduction technologies and coatings
- Tire technology and non-pneumatic efforts
- Suspension technology
- Drivetrain and locking differentials
- Brake technology
- 2\textsuperscript{nd} Source for Armor Mod Kits – Potential sub-contract effort

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Vendor Award</td>
<td>2 Year Production Validation</td>
<td>Test Start: Feb 2014</td>
</tr>
<tr>
<td>Produce and Evaluate Test Vehicles</td>
<td>5 Years Production</td>
<td>First Unit Equipped: Mar 2016</td>
</tr>
<tr>
<td>Full-Rate Production Decision</td>
<td></td>
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</table>

**POINT OF CONTACT**
- 813.826.9482 (TILO)

**FUNDING**
- $50 M/Year (Average)

**CURRENT CONTRACT/OEM**
- General Dynamics Ordinance and Tactical Systems (GD-OTS)
**Key Points / Attributes**

- Crew of up to 5 Operators
- TAK-4 suspension for greater off-road mobility
- Divested to enduring fleet in APS & contingency storage; TACOM sustained starting FY17
- SOCOM continues to sustain a deployed fleet until OPTEMPO allows further divestiture
- Potential opportunities;
  - Equipment exchange agreements
  - Future SO-P capability improvements

**System Description / Mission**

- The Mine Resistant Ambush Protected (MRAP) family of vehicles in the SOCOM fleet currently consists primarily of the MRAP All Terrain Vehicle (M-ATV), and a few remaining RG-33 SV, RG-33A1, and RG-33AUVs.

- Vehicles are modified to meet SOF unique requirements including the integration of a Remote Weapons Station, SOF specific C4ISR systems, SOF specific jamming devices, Long Range GMVAs, emergency egress lighting, and HEEDS bottles.

- ACAT IC Army program in sustainment; CPD 2009

**Performance**

<table>
<thead>
<tr>
<th>Performance</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>320 Miles</td>
</tr>
<tr>
<td>Speed</td>
<td>65 MPH</td>
</tr>
<tr>
<td>Internal Air Transport</td>
<td>C-17 (C-130 w/ major modifications)</td>
</tr>
<tr>
<td>Net Ready</td>
<td>Incorporates SOCOM C4ISR Suite</td>
</tr>
<tr>
<td>Payload</td>
<td>4,000lbs</td>
</tr>
</tbody>
</table>
PM FOSOV: Enabling Users to Penetrate the Shadows, Accomplish the Mission, and Return Home Safely
SPEAR Portfolio

- Body Armor Load Carrying Systems / Ballistic Protection
  - Body Armor Vests
  - Plates / Soft Armor
  - Load Carrying Systems
  - Backpacks
  - SOF Operator Eye Protection

- Protective Combat Uniforms
  - Levels 1-7
  - Level 9
  - Modular Glove System

- Modular Integrated Communications Helmets
  - Hearing Protection
  - Communications Interface
  - Ballistic Helmets
  - VAS Mounts
SPEAR Modernization Strategy:
- Continuous market research
- Technology insertions as materials mature
- Solicitations and re-competes as needed
- Linkages to SOCOM S&T efforts (BAA, RIF, TILO)

Survival:
- FY17 – Soft Armor Solicitation
- FY17 – Family of Tactical Headborne Systems Solicitation
- FY19 – Ballistic Plate Solicitation

Individual Equipment:
- FY16/17/18 – Expand survivability performance envelop for additional environments (i.e. Artic, Jungle)
- FY17 – Heated Clothing market research and evaluations
- FY17 – Communications Headset Recompete (Land)
- FY18 – Protective Combat Uniform (PCU) modernization
Protective Combat Uniform

• An eight level clothing system designed to protect the operator from -50F to temperate weather environments

ACQUISITION STRATEGY
- Addition to existing IDIQ
- Federal Procurement List

PERIOD OF PERFORMANCE
- FY 2000 - TBD

MILESTONES
- FY16 Overwhites added
- FY16 New Material Level 5
- FY16 Wool base layer decision

POINT OF CONTACT
- 813.826.9482 (TILO)

FUNDING
- FY16 - $7.26M O&M
- FY17 - $7.37M O&M
- FY18 - $7.61M O&M

CURRENT CONTRACT/OEM
- Source America
- Patagonia
- Massiff
**Modular Glove Suite**

- Multi layer glove system to allow operators to work in environments from -50F to temperate weather environments

### Acquisition Strategy
- Addition to existing IDIQ

### Period of Performance
- FY 15-20

### Milestones
- FY16 Suite Final Selection
- FY16 Heated Glove Market Research
- FY17 Heated Glove Selection

### Funding
- FY16 - $.80M O&M
- FY17 - $.76M O&M
- FY18 - $.77M O&M

### Point of Contact
- 813.826.9482 (TILO)

### Current Contract/OEM
- Outdoor Research
## Backpacks

- **ACQUISITION STRATEGY**
  - Addition to existing IDIQ

- **PERIOD OF PERFORMANCE**
  - FY16-21

- **MILESTONES**
  - FY16 Recce, Patrol and Assault Solicitation

- **POINT OF CONTACT**
  - 813.826.9482 (TILO)

- **FUNDING**
  - FY16 - $1.28M O&M
  - FY17 - $1.27M O&M
  - FY18 - $1.30M O&M

- **CURRENT CONTRACT/OEM**
  - Mystery Ranch
  - Granite Gear
  - Tyr Tactical

- **Suite of backpacks to support USSOCOM Operator in all operational environments**
  - Recce
    - Mountain Recce
  - Patrol
    - Jungle Patrol
  - Assault

**Backpacks**

**Suite of backpacks to support USSOCOM Operator in all operational environments**

- Recce
  - Mountain Recce
- Patrol
  - Jungle Patrol
- Assault
Ballistic Plates

- Standalone hard plates that provide front and rear armor piercing rifle ballistic protection to the individual operator

- Modular Supplemental Armor Protection (MSAP) hard plates that provide additional armor piercing rifle protection to the outer shoulder areas, side oblique areas and the groin

**ACQUISITION STRATEGY**
- 5 Year IDIQ

**PERIOD OF PERFORMANCE**
- Current Contract FY14-19

**MILESTONES**
- FY16 – FY18 Market Research
- 1st QFY19 Solicitation
- 3rd QFY19 Contract Award

**FUNDING**
- FY16 - $18.04M O&M
- FY17 - $17.91M O&M
- FY18 - $23.67M O&M

**CURRENT CONTRACT/OEM**
- Leading Technology Composites

**POINT OF CONTACT**
- 813.826.9482 (TILO)
Soft Armor Inserts

- Soft Armor insert that provides front, rear and torso handgun and fragmentation protection to the individual operator
- Compatible with currently fielded body armor vest and load carriage systems

**ACQUISITION STRATEGY**
- 5 Year IDIQ

**PERIOD OF PERFORMANCE**
- Current Contract FY12-17

**MILESTONES**
- FY16 – Market Research
- 1st QFY17 Solicitation
- 3rd QFY17 Contract Award

**FUNDING**
- FY16 - $18.04M O&M
- FY17 - $17.91M O&M
- FY18 - $23.67M O&M

**CURRENT CONTRACT/OEM**
- Point Blank Enterprises

**POINT OF CONTACT**
- 813.826.9482 (TILO)
Ballistic / Impact Helmets & Mounts

Ballistic / Impact Helmets

- Provides the operator 9mm, fragmentation, and bump (impact) protection
- Provides the ground operator a stable and comfortable platform that is compatible with night vision devices, communications, military freefall and CBRN equipment
- New Requirement: Maritime Operations helmets to provide additional face/mandible protection and provide a stable & comfortable platform to mount NVGs during normal sea-state and high-sea state and high speed maneuvering

Visual Augmentation System (VAS) Mounts

- Hardware that allows the operator to attach and secure night vision devices to a ballistic or non-ballistic helmet to effectively conduct low light maneuvers and operations

Acquisition Strategy

- Acquisition Strategy
  - 5 Year IDIQ

Period of Performance

- Current Contract FY12-17
- FY16 – Market Research
- 1st QFY17 Solicitation
- 3rd QFY17 Contract Awd.
- FY16-21
- FY17 – Market Research
- User evaluations as appropriate

Milestones

- Addition to Existing IDIQ

Funding

- FY16 - $0.88M O&M
- FY17 - $0.86M O&M
- FY18 - $0.83M O&M
- FY16 - $0.84M O&M
- FY17 - $0.83M O&M
- FY18 - $0.84M O&M

Current CTR / OEM

- Ops-Core
- Wilcox
- Norotos

Point of Contact

- 813.826.9482 (TILO)
Modular Integrated Communications Headsets

• Suite of hearing protection and communications headsets
  - Maritime
  - Land

ACQUISITION STRATEGY
• Addition to existing IDIQ

PERIOD OF PERFORMANCE
• Maritime – FY17-FY22
• Land – Planned FY18-23

MILESTONES
• FY15-FY17 Maritime Recompete
• FY17-18 Land Recompete Planned
• FY17 Initiate Wireless Effort

POINT OF CONTACT
• 813.826.9482 (TILO)

FUNDING
• FY16 - $6.59M O&M
• FY17 - $16.80M O&M
• FY18 - $6.77M O&M

CURRENT CONTRACT/OEM
• Television Equipment Associates
• Peltor
**Special Operations Eye Protection**

- Spectacle and goggle kit that provides the operator ballistic, impact and laser protection and meets ANSI optics standards
- Can accommodate prescription lens inserts

<table>
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<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
</table>
| - Addition to existing IDIQ | - FY 16-21 | - FY17 Market Research  
- User evaluations as appropriate |

<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/OEM</th>
</tr>
</thead>
</table>
| - 813.826.9482 (TILO) | - FY16 - $0.44M O&M  
- FY17 - $0.45M O&M  
- FY18 - $0.45M O&M | - Oakley  
- Smith Optics  
- Revision |
**TCCC Modernization Strategy:**
- On-going modernization thru sustainment
- Novel and advanced technologies incorporated as approved (i.e. FDA, UIAA, NFPA, etc.) and evaluated by user for acceptance and inclusion

**Planned Recompetes:**
- **FY17** – Casualty Evacuation (CASEVAC) Set
**Tactical Casualty Combat Care (TCCC) Operator Kit**

- Improved Self and Buddy Aid
- Life Threatening Hemorrhage Control
- Airway Management
- Pain Management / Infection Prevention
- Fluid Resuscitation

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
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<th>MILESTONES</th>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/OEM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prime Vendor Contracts</td>
<td>Sustainment through FY21</td>
<td>Milestone C – 25 Sept 07</td>
<td>813.826.9482 (TILO)</td>
<td>$1.66M in FY16, $1.71M in FY17, $1.65M in FY18</td>
<td>Cardinal Healthcare, DMS Pharmaceuticals</td>
</tr>
</tbody>
</table>

**FUNDING:**
- $1.66M in FY16
- $1.71M in FY17
- $1.65M in FY18
# Tactical Casualty Combat Care (TCCC) Medic Kit

- Advanced Airway Intervention
- Intravenous Medications
- Hypothermia Prevention
- Advanced Monitoring / Diagnostics
- Intraosseous Infusion

## Acquisition Strategy
- Prime Vendor Contracts

## Period of Performance
- Sustainment through FY21

## Milestones
- Milestone C – 25 Sept 07
- Contiguous Configuration Updates as Required

## Funding
- $1.50M in FY16
- $1.47M in FY17
- $1.22M in FY18

## Point of Contact
- 813.826.9482 (TILO)

## Current Contract/OEM
- Cardinal Healthcare
- DMS Pharmaceuticals
# Tactical Casualty Combat Care (TCCC) Casualty Evacuation Set (CASEVAC)

- Extract
- Extricate
- Stabilize
- Monitor
- Treat
- Transport

## Acquisition Strategy
- Existing IDIQ Contract

## Period of Performance
- Contract Expires 31 Oct 17

## Funding
- $8.74M in FY16
- $9.61M in FY17
- $4.57M in FY18

## Milestones
- Milestone C – 7 July 11
- Sustainment recompete in FY17

## Current Contract/OEM
- Tribalco, LLC.

## Contact Information
- 813.826.9482 (TILO)
Questions
PEO-SW PM Portfolio Briefs

A&W

Session 1
Ammo & Weapons Portfolio

Visual Augmentation Systems
- Helmet Mounted
- Handheld
- Weapon Mounted

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

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

- Combat Optics and Lasers
- Night Vision Goggle w/ Clip-on Thermal Imager
- Hand Held Imagers

Weapons and Accessories
- MK13 MOD 7 Sniper Rifle
- AC-130 ammo
- Advanced Lightweight Grenade Launcher

Non Standard
- Small Caliber Ammunition
- Non-Standard Arms
- Non-Standard Munitions
- Non-Standard Arms

Lead-free Training Ammo
Lightweight Shoulder Launched Weapon
Non-Standard Arms
Clip-on Undetectable Imager

• Clip on Augmented Reality using Thermal and or peripheral inputs
• Utilize current performance parameters, with:
  – Out of band sensor shall provide the user with an optical overlay fusion capability when attached to the AN/PVS-31
  – The unit should weigh (including batteries, mounts and cables) less than 400 grams
  – No perceptible latency
• Compatible with SOF’s NVGs

ACQUISITION STRATEGY
• Full and Open Competition
• IDIQ Contract

PERIOD OF PERFORMANCE
• 5 Years

MILESTONES
• RFP Release: 3rd QTR FY17
• Contract Award: 2nd QTR FY18

POINT OF CONTACT
• 813.826.9482 (TILO)

FUNDING
• $49M

CURRENT CONTRACT/OEM
• H92222-13-C-0015, Optics 1, Manchester, NH
**VAS: Weapon Mounted**

**Enhanced Combat Optical Sight**
- 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 point (1x)
  - Reticle configurations for both 5.56mm and 7.62mm weapons
  - Weight comparable to existing platforms
  - Variable magnification from 1x to 6x and/or 1x to 8x.
  (based overall performance)
- Compatible with SOF assault weapons and light machine guns
- Squad Aiming Laser (SAL)
- MK 17 Combat Assault Rifle shock hardened

**ACQUISITION STRATEGY**
- Full and Open Competition
- IDIQ Contract

**PERIOD OF PERFORMANCE**
- 5 Years

**MILESTONES**
- RFP Release: 3rd QTR FY17
- Contract Award: 2nd QTR FY18

**CURRENT CONTRACT/OEM**
- N00164-10-D-JN71, Raytheon ELCAN
- N00164-10-D-JN77, Raytheon ELCAN
- N00164-10-D-JN02, L-3 Warrior Systems

**FUNDING**
- $49M

**POINT OF CONTACT**
- 813.826.9482 (TILO)
**Small Target Location Device**

- Potential contract for development and procurement of Small Target Location Device
- Looking at Service Common Solution Alternatives
- Provide CAT II Target Coordinates (TLE 90 < 15m @ 3km)
- Hand-Held Configuration (< 5.5 lbs.)
- Provide Day/Night targeting capability in denied environment

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**ACQUISITION STRATEGY**

- Full and Open Competition
- IDIQ Contract

**PERIOD OF PERFORMANCE**

- 5 Years

**FUNDING**

- $49M

**MILESTONES**

- RFP Release: 3rd QTR FY17
- Contract Award: 2nd QTR FY18

**CURRENT CONTRACT/OEM**

- Currently plan to leverage Army JETs program

**POINT OF CONTACT**

- 813.826.9482 (TILO)
Weapons and Accessories: Sniper Rifles

**Precision Sniper Rifle**
- Contract for procurement of Precision Sniper Rifle
- Provides a multi-caliber solution to engage enemy targets out to 1500m
- System must be user configurable to rapidly change calibers, the user should not be able to close the chamber when the barrel and bolt are of different calibers.
- Optimized for anti-personnel at 1500m

**ACQUISITION STRATEGY**
- Full and Open Competition
- IDIQ Contract

**PERIOD OF PERFORMANCE**
- 5 Years

**MILESTONES**
- RFP Release: 2nd QTR FY18
- Contract Award: 1st QTR FY19

**FUNDING**
- $50M

**CURRENT CONTRACT/OEM**
- N/A

**POINT OF CONTACT**
- 813.826.9482 (TILO)
## Weapons and Accessories: Machineguns

### Long Range Medium Machinegun
- Contract for procurement of Long Range Medium Machinegun
- Provides a 2000m engagement capability
- System must be of comparable weight to the current M240B machinegun
- Optimized for ammunition in polymer
- System should include advanced barrel, suppressor, and thermal mitigation technology

### Acquisition Strategy
- Full and Open Competition
- IDIQ Contract

### Period of Performance
- 5 Years

### Milestones
- RFP Release: 2nd QTR FY19
- Contract Award: 1st QTR FY20

### Funding
- $50M

### Contact Information
- 813.826.9482 (TILO)
- N/A

### Funding
- N/A
Lead-Free Training Ammunition

- Contract for procurement of lead-free training ammunition
- Compatible with Shoot House requirements
- Short range training ammunition for 5.56mm to replace M862
  - Related efforts include Man Marker Round for 5.56mm (linked and unlinked), and alternative 9mm Simunition FX cartridge

<table>
<thead>
<tr>
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<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Full and Open Competition</td>
<td>• 5 Years</td>
<td>• RFP Release: 3rd QTR FY18</td>
</tr>
<tr>
<td>• IDIQ Contract</td>
<td></td>
<td>• Contract Award: 1st QTR FY19</td>
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</tbody>
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**POINT OF CONTACT**
- 813.826.9482 (TILO)

**FUNDING**
- $20M

**CURRENT CONTRACT/OEM**
- N/A
# Lightweight Ammunition

- Contract for procurement of lightweight polymer ammunition
  - 50-caliber sniper round (unlinked)
  - 50-caliber non dud-producing training round
  - Intermediate caliber such as 260 Remington

- Should reduce overall cartridge weight by over 30% compared to existing rounds

## Acquisition Strategy
- Full and Open Competition
- IDIQ Contract

## Period of Performance
- 5 Years

## Milestones
- RFP Release: 2nd QTR FY17
- Contract Award: 4th QTR FY17

## Funding
- $20M

## Current Contract/OEM
- N/A

## Point of Contact
- 813.826.9482 (TILO)
**FMA: Small Arms Ammunition**

### Non-Standard Ammunition

- Contracts for procurement of nonstandard ammunition
  - 7.62x39
  - 7.62x54R
  - 12.7x108
  - 14.5x115
  - 23x152B

- One of the effects of these contracts will be to strengthen our domestic industrial base for nonstandard ammunition

### Table of Information

<table>
<thead>
<tr>
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<th><strong>PERIOD OF PERFORMANCE</strong></th>
<th><strong>MILESTONES</strong></th>
</tr>
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<tbody>
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Ammo and Weapon Business Opportunities

- Signature Reduction technologies for Targeting Laser (Out of Band and Notional Laser)
- Domestic sources of production for non-standard ammo and weapons
- Lightweight Ammunition, Toxin Free
- Signature reduction for Small Arms- Sound, Flash
- Precision Sniper Rifle, Suppressed Upper Receiver Group (SURG), Intermediate Caliber- Long Range Machine Gun 2000m
Questions
Objective
• Enhance PEO-SW and Supported Community User Team collaboration with industry in support of the SOF Operator.
• Identify innovative capability solutions that might add enhanced capabilities to the Special Operations Forces (SOF) warfighter.
• Influence Industry Research and Development (IRAD) - We want industry working on the right stuff that meets our interests!
Break-Out Discussions

- Stage
- Weapons
- Ammo
- VAS
- Mobility
- Soldier Survival