SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE
Accelerating SOF Innovation

Mr. Adam Fields Program Manager
SURVIVAL, SUPPORT & EQUIPMENT SYSTEMS
SOF Personal Equipment Advanced Requirements (SPEAR) Portfolio Overview

- Body Armor Load Carrying Systems / Ballistic Protection
  - Body Armor Vests
  - Plates / Soft Armor
  - SOF Operator Eye Protection
  - Load Carrying Systems
  - Safety Belts and Lanyards
  - Backpacks
- Protective Combat Uniforms
  - Levels 1-7
  - Level 9 / Lightweight Temperate Uniform
  - Modular Glove System
  - Signature Management
- Modular Integrated Communications Helmets
  - Hearing Protection
  - Communications Interface
  - Ballistic Helmets
  - VAS Mounts

DISTRIBUTION A: APPROVED FOR PUBLIC RELEASE
# Protective Combat Uniform

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

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<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
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</thead>
<tbody>
<tr>
<td>• Addition to Existing IDIQ</td>
<td>• FY2000 - TBD</td>
<td>• FY17 Lightweight Temperate Uniform</td>
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<tr>
<td>• Federal Procurement List</td>
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<td>• FY16-19 Artic Evaluations</td>
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<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/OEM</th>
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</table>
| • USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482 | • FY19 - $7.507M O&M  
• FY20 - $6.172M O&M  
• FY21 - $6.473M O&M | • Source America  
• Patagonia  
• Massiff |
# Modular Glove Suite

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

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<tr>
<td>• Addition to Existing IDIQ</td>
<td>• FY16-21&lt;br&gt;• Early Re-compete- FY19-20</td>
<td>• FY18 Arctic Mitten Evaluations</td>
<td>• FY19 - $1.865M O&amp;M&lt;br&gt;• FY20 - $3.769M O&amp;M&lt;br&gt;• FY21 - $2.095M O&amp;M</td>
<td>• Outdoor Research</td>
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- **POINT OF CONTACT**
  - USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482
### Backpacks

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

### Acquisition Strategy
- Addition to Existing IDIQ

### Period of Performance
- FY16-21

### Milestones
- FY17 Fielding & Deployment Release for Recce, Patrol and Assault Rucks
- FY18 Addition of improved Airops Harness

### Point of Contact
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

### Funding
- FY19 - $2.473M O&M
- FY20 - $1.957M O&M
- FY21 - $1.560M O&M

### Current Contract/OEM
- Mystery Ranch
- Tyr Tactical
- Froma
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
- 7 Year IDIQ

### Period of Performance
- FY14-20

### Milestones
- FY16 – FY19 Market Research
- 3rd QFY19 Solicitation
- 3rd QFY20 Contract Award

### Funding
- FY19 - $16.418M O&M
- FY20 - $10.336M O&M
- FY21 - $5.175M O&M

### Current Contract/OEM
- Leading Technology Composites
Soft Armor Inserts

- Soft Armor insert that provides front, rear, side oblique, and groin 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**
- FY18-23

**MILESTONES**
- 3QFY22 Solicitation

**POINT OF CONTACT**
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

**FUNDING**
- FY19 - $16.418M O&M
- FY20 - $10.336M O&M
- FY21 - $5.175M O&M

**CURRENT CONTRACT/OEM**
- Hardwire, LLC
# 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
- Maritime operations coxswain helmet to provide additional eye/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

<table>
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<tr>
<th>BALLISTIC / IMPACT HELMETS</th>
<th>VISUAL AUGMENTATION SYSTEM (VAS) MOUNTS</th>
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<tbody>
<tr>
<td>5 Year IDIQ (Ground)</td>
<td>5 Year IDIQ (Ground)</td>
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<tr>
<td>7 Year IDIQ (Coxswain)</td>
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### Period of Performance

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<td>FY19-24 (Ground)</td>
<td>FY19-24 (Ground)</td>
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<tr>
<td>FY19-26 (Coxswain)</td>
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### Milestones

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<tr>
<td>Ground Helmet Solicitation Ongoing</td>
<td>Part of Helmet Solicitation / Contract</td>
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<tr>
<td>Coxsawain Helmet Solicitation Ongoing</td>
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### Funding

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<td>FY19 - $2.089M O&amp;M</td>
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<td>FY20 - $1.336M O&amp;M</td>
<td>FY20 - $1.336M O&amp;M</td>
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<tr>
<td>FY21 - $1.424M O&amp;M</td>
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### Current Contract/OEM

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<th>BALLISTIC / IMPACT HELMETS</th>
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<td>Wilcox (Mounts)</td>
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<tr>
<td>Gentex (Helmet)</td>
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### Point of Contact

- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482
Modular Integrated Communication Headsets

Suite of hearing protection and communications headsets
- Maritime
- Land

ACQUISITION STRATEGY
- IDIQ Contracts

PERIOD OF PERFORMANCE
- Maritime – FY17-22
- Land – FY19-24

MILESTONES
- FY15-FY17 Maritime Recompete
- FY18-19 Land Re-compete

POINT OF CONTACT
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

FUNDING
- FY19 - $6.669M O&M
- FY20 - $13.213M O&M
- FY21 - $13.184M O&M

CURRENT CONTRACT/OEM
- Invisio
- Peltor 3M
- Atlantic Signal
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

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  • User evaluations as appropriate |

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  • FY20 - $0.400M O&M  
  • FY21 - $0.404M O&M | • Oakley  
  • Smith Optics  
  • Revision |
SPEAR Recompete Roadmap

- **Soft Armor**
  - Inserts
  - FY20: Sustainment
  - FY21: Presolicitation Testing/Market Research
  - FY22: Recompete

- **Helmets**
  - Helmets & VAS Mounts
  - FY20: Sustainment
  - FY21: Presolicitation Testing/Market Research
  - FY22: Ground Helmet Recompete

- **Communications**
  - Wireless Headsets
  - FY20: Sustainment
  - FY21: Presolicitation Testing/Market Research
  - FY22: Maritime Recompete
  - FY23: Land Recompete

- **SOEP**
  - Eye Protection
  - FY20: SOEP P3I
  - FY21: Presolicitation Testing/Market Research
  - FY22: SOEP P3I

Legend:
- Sustainment
- Presolicitation
- Recompete

DISTRIBUTION A: APPROVED FOR PUBLIC RELEASE
Tactical Casualty Combat Care (TCCC) Operator Kit

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

**ACQUISITION STRATEGY**
- Prime Vendor Contracts

**PERIOD OF PERFORMANCE**
- Sustainment through FY24

**MILESTONES**
- Milestone C – 25 Sept 07
- Continuous Configuration Updates as Required

**POINT OF CONTACT**
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

**FUNDING**
- FY19 - $2.119M O&M
- FY20 - $2.287M O&M
- FY21 - $2.384M O&M

**CURRENT CONTRACT/OEM**
- Cardinal Healthcare
- DMS Pharmaceuticals
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 FY24

**MILESTONES**
- Milestone C – 25 Sept 07
- Continuous Configuration Updates as Required

**POINT OF CONTACT**
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

**FUNDING**
- FY19 - $1.567M O&M
- FY20 - $1.670M O&M
- FY21 - $1.606M O&M

**CURRENT CONTRACT/OEM**
- Cardinal Healthcare
- DMS Pharmaceuticals
Tactical Casualty Combat Care (TCCC) Casualty Evacuation Set CASEVAC

- Extract
- Stabilize
- Treat
- Monitor
- Transport

ACQUISITION STRATEGY
- Existing IDIQ Contract

PERIOD OF PERFORMANCE
- Contract through FY20

MILESTONES
- Milestone C – 7 Jul 2011
- Contract Recompete in Late FY19 - FY20

POINT OF CONTACT
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

FUNDING
- FY19 - $1.567M O&M
- FY20 - $1.670M O&M
- FY21 - $1.606M O&M

CURRENT CONTRACT/OEM
- Tribalco, LLC.
Medical Portfolio Roadmap

<table>
<thead>
<tr>
<th>FY20</th>
<th>FY21</th>
<th>FY22</th>
<th>FY23</th>
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**Sustainment**

**Fielding to FOC**

**Recompete**

**USSOCOM Biomedical Science & Technology R&D efforts**

- **Sustainment**
- **Fielding**
- **Recompete**
- **Biomedical R&D Efforts**