SOF Personal Equipment Advanced Requirements (SPEAR) Portfolio Overview

• 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 / Lightweight Temperate Uniform
  − Modular Glove System
  − Signature Management

• Modular Integrated Communications Helmets
  − Hearing Protection
  − Communications Interface
  − Ballistic Helmets
  − VAS Mounts
### SPEAR Portfolio Overview

<table>
<thead>
<tr>
<th>Category</th>
<th>FY19</th>
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<tbody>
<tr>
<td>Protective Combat Uniform</td>
<td>Sustainment</td>
<td>Artic Evaluations</td>
<td>Combat Uniforms</td>
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<td>Modular Glove System</td>
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# SPEAR Portfolio Overview

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<td>Soft Armor</td>
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<td>Communications</td>
<td>Wireless Headsets</td>
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- **Soft Armor Inserts**
- **Helmets**
- **Helmets & VAS Mounts**
- **Comms Accessories**
- **Eye Protection**

**Legend**
- **Sustainment**: Normal operations.
- **Recompete**: Competitive procurement.
- **Wireless Headsets**: FY21 to FY22.
- **Land Recompete**: FY22 to FY23.
- **Maritime Recompete**: FY23.
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
• FY2000 - TBD

MILESTONES
• FY17 Lightweight Temperate Uniform
• FY16/17/18 Artic Evaluations

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

FUNDING
• FY18 - $5.542M O&M
• FY19 - $7.033M O&M
• FY20 - $6.348M 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
- FY16-21

## Milestones
- FY17 Heated Glove Evaluations
- FY17 Improved Combat Gloves

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

## Funding
- FY18 - $1.370M O&M
- FY19 - $1.656M O&M
- FY20 - $2.374M O&M

## Current Contract/OEM
- Outdoor Research
# 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
- FY18 - $0.688M O&M
- FY19 - $2.292M O&M
- FY20 - $1.976M 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

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<th>ACQUISITION STRATEGY</th>
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<tr>
<td>• 5 Year IDIQ</td>
<td>• FY14-19</td>
<td>• FY16 – FY18 Market Research</td>
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<td>• 1st QFY19 Solicitation</td>
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<td>• 3rd QFY19 Contract Award</td>
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<th>CURRENT CONTRACT/OEM</th>
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</table>
| • USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482 | • FY18 - $13.775M O&M  
• FY19 - $17.519M O&M  
• FY20 - $10.323M O&M | • 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**
- FY12-17

**MILESTONES**
- FY16 Market Research
- Ongoing Solicitation

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

**FUNDING**
- FY18 - $13.775M O&M
- FY19 - $17.519M O&M
- FY20 - $10.323M O&M

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

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<td>Coxsawin Helmet Solicitation Ongoing</td>
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<td>User evaluations as appropriate</td>
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**POINT OF CONTACT**
- USSOCOM SOF AT&L, Technology & Industry Liaison Office (TILO) (813) 826-9482

**FUNDING**
- FY18 - $0.604M O&M
- FY19 - $1.354M O&M
- FY20 - $3.475M O&M

**CURRENT CONTRACT/OEM**
- Wilcox (Mounts)
- Gentex (Helmet)
# Modular Integrated Communication Headsets

Suite of hearing protection and communications headsets
- Maritime
- Land

## Acquisition Strategy
- IDIQ Contracts

## Period of Performance
- Maritime – FY17-22
- Land – FY18-23

## Milestones
- FY15-FY17 Maritime Recompete
- FY17-18 Land Re-compete

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

## Funding
- FY18 - $6.330M O&M
- FY19 - $5.861M O&M
- FY20 - $6.262M 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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| • Addition to existing IDIQ | • FY16-21 | • FY18 Arctic Goggle Market Research  
• User evaluations as appropriate |

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• FY19 - $0.369M O&M  
• FY20 - $0.400M O&M | • Oakley  
• Smith Optics  
• Revision |
# Medical Portfolio Overview

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<td>SOF Operator Kits</td>
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- USSOCOM Biomedical Science & Technology R&D efforts
  - **Recompete**
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 FY23

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

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

**FUNDING**
- $2.09M in FY18 O&M
- $2.15M in FY19 O&M
- $1.14M in FY20 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 FY23

**MILESTONE**
- Milestone C – 25 Sept 07
  - Contiguous Configuration Updates as Required

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

**FUNDING**
- $1.372M in FY18 O&M
- $1.593M in FY19 O&M
- $0.963M in FY20 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
- Sustainment Recompete in FY20

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

### Funding
- $5.649M in FY18 O&M and PROC
- $22.96M in FY19 O&M and PROC
- $5.65M in FY20 O&M and PROC

### Current Contract/OEM
- Tribalco, LLC.