



**DLA**  
DEFENSE LOGISTICS AGENCY  
*Established 1961*



The Nation's Combat Logistics Support Agency

# 2020 Virtual Joint Advanced Planning Brief for Industry

Our program will begin  
shortly; please stand by...



WARFIGHTER ALWAYS



# Body Armor and Load-Bearing Equipment Breakout

- DLA Troop Support
  - Mark Twardziak
- Product Manager, Soldier Protective Equipment
  - LTC Stephen Miller
- Product Manager, Soldier Clothing & Individual Equipment
  - MAJ Jay Galletta
- Air Force Uniform Office
  - Maj Saily Rodriguez

# Joint Advanced Planning Brief for Industry



Hosted by DLA Troop Support Clothing and Textiles

- For questions, please use the Q&A tab. Type your question ask the speaker is briefing. Questions will be read by the moderator at the end of each presentation
- You are welcome to use the chat, but please do not ask questions there as we may not see them.
- Slides are being posted within a week of the presentation at <https://www.dla.mil/TroopSupport/ClothingandTextiles/C-T-Industry/IndustryEvents/2020-JAPBI/>



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# DLA Troop Support Clothing & Textiles Body Armor & Loadbearing Equipment Items

Mark Twardziak  
Chief, Individual Equipment  
2020 JABPI



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# Product Line Overview

## Ground Troops Body Armor

- Soft Body Armor
  - USMC Plate Carrier (PC) Generation III
  - Improved Outer Tactical Vest (IOTV) Generation IV
  - USMC Protective Under Garment (PUG)
- Hard Body Armor
  - Enhanced Small Arms Protective Inserts (ESAPI)
  - Enhanced Side Ballistic Inserts (ESBI)

## Load Carrying Equipment

- Modular Lightweight Loadbearing Equipment (MOLLE)
- USMC Pack System
- Miscellaneous items (various bags, hammocks, canteens trunk lockers)



# Obligations

## Fiscal Year 2020 Funding Actions in Review

- Planned - \$372,242,750.00
- Actual - \$344,842,780.00

## Fiscal Year 2021 Funding Action Plan

- Total Funding Action Plan - \$215,781,763.00
  - Body Armor \$121,396,962.00
  - Load Bearing \$94,384,801.00



## Competitive Procurements Target Award Dates

- MOLLE Solicitation SPE1C1-19-R-0021; Lot 2 closed; Target Award FEB 2021
- MOLLE 4000 Solicitation SPE1C1-20-R-0074, Lots 1 & 2 Closed; Target Awards Lot 1 FEB 2021, Lot 2 APR 2021
- ESBI Solicitation SPE1C1-20-R-0042; Closed; Target Award April 2021
- Snap Links, Steel Solicitation SPE1C1-20-R-0166; Closed; Target Award DEC20
- Snap Links, Aluminum Solicitation SPE1C1-20-R-0167; Closed; Target Award DEC20



# Upcoming Opportunities

## Plate Carrier (PC) Generation III

- Marine Corps developed Modular Soft Body Armor Vest
- Detail Specification DTL-17001A0029
  - Areal Density Threshold 0.88 lbs./sq. ft.
  - Areal Density Objective 0.75 lbs./sq. ft.
- Unrestricted Solicitation for PC Vest and Components
  - 3 Year Maximum Quantity 75,300 in Coyote
  - 3 Year Maximum Quantity 7,500 in Black
  - 3 Year Requirement Various Components
- Target Solicitation Issuance Date FEB 2021
- Point of Contract – Catherine Dillon





# Upcoming Opportunities

## Modular Scalable Vest (MSV) Generation II

- Army developed
- Replaces Improved Outer Tactical Vest (IOTV)
- Built to AR/PD 15-03 REV F, Amendment 1 08Sep20
- Initial DLA orders off Army Contracts
- DLA initial solicitation action 2<sup>nd</sup> or 3<sup>rd</sup> Quarter FY21
- Estimated Total Quantities Carrier Assembly (System)
  - 97,870 each, FY22
  - 161,750 each, FY23
  - 80,875 each, FY 24
- Components will also be procured by DLA
- Point of Contract – TBD





# Upcoming Opportunities

## USMC Pack System

- Marine Corps Detailed Specification DL17001A0001
- Target Solicitation Issuance January 2021
- 3 Year Indefinite Quantity Tiered Priced Quantities

<u>USMC Pack System</u>				<u>USMC Shoulder Harness</u>				<u>USMC Sub-Belt (Large)</u>			
	Min	AEQ	Max		Min	AEQ	Max		Min	AEQ	Max
Tier 3 Yr Qty	1,200	4,800	18,000	Tier 3 Yr Qty	4,800	19,200	72,000	Tier 3 Yr Qty	900	3,600	13,500
<u>USMC Pack Frame</u>				<u>USMC Sub-Belt (Medium)</u>				<u>USMC Sub-Belt (Small)</u>			
	Min	AEQ	Max		Min	AEQ	Max		Min	AEQ	Max
Tier 3 Yr Qty	7,500	30,000	112,500	Tier 3 Yr Qty	3,900	15,600	58,500	Tier 3 Yr Qty	4,200	16,800	63,000
<u>Field Pack 8465-01-602-6934</u>											
	Min		AEQ		Max						
Tier 3 Yr Qty	-		10,000		37,500						



# Upcoming Opportunities

## USMC Pack System

- 3 Year Indefinite Quantity Tiered Priced Quantities

<u>Sustainment Pouch 8465-01-600-7941</u>			<u>Individual Equipment Belt 8465-01-600-7870</u>				
	Min	AEQ	Max		Min	AEQ	Max
Tier 3 Yr Qty	2,900	11,600	43,500	Tier 3 Yr Qty	-	12,000	45,000
<u>Webbing Strap 8465-01-600-7965</u>			<u>Individual Equipment Kit 8465-01-602-6962</u>				
	Min	AEQ	Max		Min	AEQ	Max
Tier 3 Yr Qty	3,250	13,000	48,750	Tier 3 Yr Qty	-	4	15
<u>Hydration System Complete 8465-01-600-7962</u>			<u>Suspension System 8465-01-600-7920</u>				
	Min	AEQ	Max		Min	AEQ	Max
Tier 3 Yr Qty	1,250	5,000	18,750	Tier 3 Yr Qty	1,250	5,000	18,750
<u>Hydration Pouch 8465-01-6---7959</u>			<u>Bite Valve 8465-01-600-7963</u>				
	Min	AEQ	Max		Min	AEQ	Max
Tier 3 Yr Qty	2,900	11,600	43,500	Tier 3 Yr Qty	3,250	13,000	48,750

- Point of Contact: Jennifer Scarpello



# Upcoming Opportunities

**USMC Pack System**

**The Complete USMC Pack System**  
NSN: 8465-01-598-7693

**MAIN PACK:**  
main bag  
shoulder harness assembly  
hip belt  
frame  
hydration (Qty-2)  
sustenance pouch (Qty-2)

**HYDRATION BLADDER SYSTEM:**  
tube holder  
hydration bladder  
hydration bite valve with cover  
hydration tube with cover

**Assault Pack:**  
assault pouch  
assault pack

**USMC Pack Instruction Card**  
**USMC Pack Repair Kit**  
sternum cinch

**Attaching assault pack to main bag**

- Indicate side components to be attached to an assault pack.
- Connect to corresponding hardware on the main bag and tighten.
- To keep assault pack from obstructing head movement, adjust the height of the assault pack.

**Repairing side-release buckles**

Remove damaged buckle from strap.  
Slide open all buckle side pieces.  
Snap connector into slot to restore buckle.

**Attaching sternum cinch**

Wedge cinch's webbing over the sternum cinch or PCL webbing on the side of the body armor.

**Frame**  
NSN: 8465-01-600-7864

**Shoulder harness assembly**  
NSN: 8465-01-602-6934

**Suspension System**  
NSN: 8465-01-600-7920

**Main Bag**  
NSN: 8465-01-600-7911

**Assault Pack**  
NSN: 8465-01-600-7830

**Shoulder Harness Assembly**  
NSN: 8465-01-600-7938

**Hydration Carrier**  
NSN: 8465-01-600-7887

**Assault Pouch**  
NSN: 8465-01-600-7947

**Sustenance Pouch**  
NSN: 8465-01-600-7941

**Hydration Pouch**  
NSN: 8465-01-600-7887

**Hydration Bladder System**  
NSN: 8465-01-600-7956

**Sternum Cinch**  
NSN: 8465-01-600-7965

**Repair Kit, User Level**  
NSN: 8465-01-602-6932

**USMC Pack Instruction Card**  
NSN: 7610-01-602-7551

**USMC Pack System by Component**

- MAIN PACK: Frame, Shoulder Harness Assembly, Hip Belt, Main Bag, Assault Pack, Assault Pouch, Sustenance Pouch (Qty-2), Hydration Pouch (Qty-2)
- Hydration Carrier
- HYDRATION BLADDER SYSTEM: Hydration Bladder, Hydration Tube With Cover, Tube Holder, Hydration Bite Valve With Cover
- Sternum Cinch
- Repair Kit
- USMC Pack Instruction Card

**Additional NSNs**

Mark or white

**Back Panel Bliffener, Assault Pack**  
NSN: 8465-01-600-7947

**Bite Valve with Cover**  
NSN: 8465-01-600-7963

**Hydration tube with cover**  
NSN: 8465-01-600-7962

**Hydration System Complete**  
NSN: 8465-01-600-7962

**Tube Holder**  
NSN: 8465-01-600-7959

**Hydration Bladder System**  
NSN: 8465-01-600-7881

**Hydration tube kit**  
Not included

**Tube Kit**  
NSN: 8465-01-600-7958

**Note:** Hydration bladder Not included

**Questions:** PMICE@USMC.MIL **or SCAN for more information**



# Upcoming Opportunities

## Self-Inflating Mat

- Commercial Item Description A-A-55074, AUG 1992
- Solicitation Target Issuance Date DEC 2020
- Two (2) award potential
- Indefinite Quantity 4 Year Tiered Priced Quantities:

Minimum Qty	Annual Est. Qty.	Maximum Qty
21,012 each	86,500 each	461,000 each

- Point of Contact Catherine Dillon





# Upcoming Opportunities

## US Forest Service Personal Gear Pack

- AbilityOne Procurement List item
- Source America granted a Purchase Exception
- Total Small Business Set-Aide; Issued OCT30
- USFS Design Specification 5100-215E 6/11/2019 & Drawings
- Three (3) year Tiered Priced Quantities:



Minimum Qty	Annual Est. Qty	3 Year Maximum
625 each	2,500 each	9,375 each

- Point of Contract – Jennifer Scarpello



# Questions





# DLA Points of Contact Body Armor & Individual Equip.

## Division Support

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# Joint Advanced Planning Brief for Industry (JAPBI)





**Project Manager Soldier Survivability**

**PRECISION  
Is the Standard**

*Every Ounce Matters, Every Bullet Counts*

# **Product Manager Soldier Protective Equipment**

## **Joint Advanced Planning Brief to Industry *Body Armor Session***

LTC Stephen E. Miller  
Product Manager  
Soldier Protective Equipment

19 November 2020

Cary V. Ferguson  
Deputy Product Manager  
Soldier Protective Equipment



# Body Armor Torso Extremity Protection (TEP)



## TEP and VTP Goals:

- Development of a light ballistic plate technology that matches or exceeds the current performance thresholds
- Establish production of hard and soft armor systems for small stature Soldiers
- Investigate improved soft armor material solutions aimed at increasing mobility, flexibility and weight reduction
- **Modular Scalable Vest (MSV) - unisex**
  - System is modular, enabling the operator to wear components together as a system or each component separately
  - 8 Sizes: Extra Small Short (XS-S), Extra Small (XS), Small Short (SS), Small Long (SL), Small (S), Medium (M), Large (L), Extra Large (XL)
  - Sized to fit virtually all Soldiers
  - Customizable from a concealable carrier to full assault profile
  - Accepts soft armor and Shooter Cut ballistic plates
- **Ballistic Combat Shirt (BCS)**
  - Provides ballistic fragmentation protection and flame resistant protection to the Soldier
  - Multi-fabric design using three separate flame resistant cloths for the main outer garment construction; one for the deltoid, yoke, and collar, and two for the sleeve components
  - There are five standard unisex and five standard female sizes (XS, SM, MED, LG, XL)
- **Blast Pelvic Protector (BPP) - unisex**
  - Six (6) core sizes (XS, SM, MD, LG, XL, XXL) available



Modular Scalable Vest (MSV)



Torso Extremity Protection (TEP)



Ballistic Combat Shirt (BCS)



Blast Pelvic Protector (BPP)

## Female/Small Stature Specific Adjustments

- **Female Ballistic Combat Shirt (FBCS)**
  - Five (5) sizes for female Soldiers: XS, SM, MED, LG, XL
  - Shorter arm lengths
  - Hair bun cut-out in the back of the collar
  - Flared sweep at hips and to prevent the shirt from riding up



Female Ballistic Combat Shirt (FBCS)



Modular Scalable Vest (MSV)

- **Modular Scalable Vest (MSV) - unisex**
  - Three (3) expanded sizes for female and small statured Soldiers are Small-Long, Small-Short, and X-Small-Short (produced late in FY20)
  - Two (2) expanded size plate carriers (6x6, 6x8) to accommodate female and small statured male Soldiers currently available



# Vital Torso Protection (VTP) Plate



**Description:** The VTP component of the Soldier Protection System (SPS) includes hard armor protection for the torso and sides with approximately 7% weight reduction of the plates that provide protection against various threats

**Capabilities:** Provides multiple levels of protection based on mission profile and specific threats

- The SPS VTP torso plates will achieve a 90% probability of no penetration (P(nP)) with a 90% confidence level on first shot, and a 70% P(nP) with a lower 90% confidence level on second shot.
- The SPS VTP torso plates will achieve a Back-Face Deformation (BFD) of 90% Upper Tolerance Limit (UTL) with 90% confidence level not exceeding 58.0 mm on the first shot and an 80% UTL with 90% confidence level not exceeding 58.0 mm on second shot.
- SPS VTP torso plates are designed to stop two shots with statistical significance and will meet these requirements against the primary operational threats identified.
- Adding three sizes (small-long, small-short, extra small-short) to accommodate a better fit on the small stature Soldiers

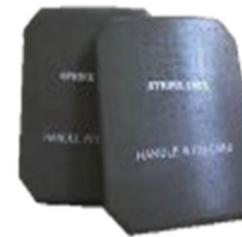


VTP ESAPI



VTP XSAPI

The SPS VTP (front and back hard body armor plates) will provide the same or better ballistic protection than the current baseline suite of torso (ESAPI and X-SAPI) plates



VTP ESBI



VTP XSBI

The SPS VTP (side hard body armor plates) will provide the same or better ballistic protection than the current baseline suite of (ESBI and XSBI) side plates



# Anticipated Contract Actions



Product Manager Soldier Protective Equipment anticipates awarding contracts in FY21 to support the following products:

- **Ballistic Combat Shirt (BCS):**
  - Current Indefinite Deliveries Indefinite Quantities (IDIQ) contracts expired in 3QFY19
  - Nine (9) year IDIQ contract with multiple awards
  - Best Value
  
- **Modular Scalable Vest (MSV):**
  - Current MSV IDIQ contracts expired in 4QFY19
  - Nine (9) year IDIQ contract with multiple awards
  - Best Value
  
- **Blast Pelvic Protector (BPP):**
  - Current BPP IDIQ contracts expired in 4QFY20
  - Nine (9) year IDIQ contract with multiple awards
  - Best Value
  
- **Vital Torso Protection (VTP):**
  - ESAPI Fair Opportunity 1QFY 21



**Project Manager Soldier Survivability**

**PRECISION  
Is the Standard**

*Every Ounce Matters, Every Bullet Counts*

**Product Manager  
Soldier Clothing and Individual Equipment  
Joint Advanced Planning Brief to Industry  
*Load-Bearing and Individual Equipment*  
Session**

19 November 2020

MAJ Jay Galletta  
Assistant Product Manager  
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# Law Enforcement Ensemble Kit (LEEK)

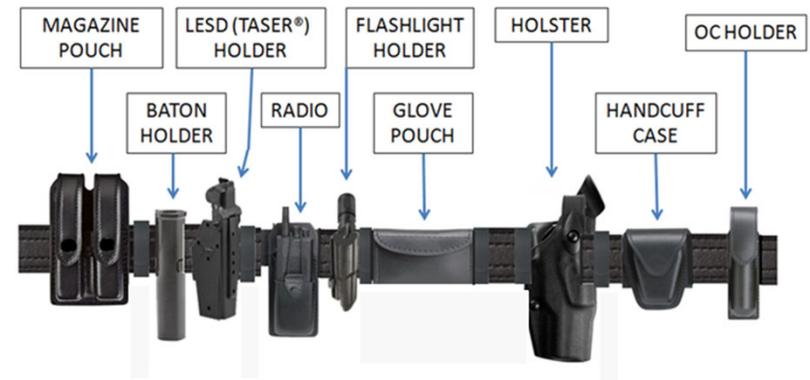


## Where We Were:

- MPs are not standardized across the Force
- Traditional MP duty belt issued at duty station
- Goal is to provide a LEEK to Soldiers upon graduation from MP school for them to retain throughout their career

## Where We Are Going:

- Multiservice Commonality Effort: Standardize the MP Force and integrate with the Army's Modular Scalable Vest (MSV) and the USMC's Plate Carrier (PC)
- MP duty belt with MOLLE compatible and adaptable pouches and holsters made of hard non-porous material, flaps with closure hardware, and durability



### LEEK COMPRISED OF:

- Duty Belt
- Flashlight w/holder
- Glove Pouch
- Handcuff Pouch
- Belt Keepers
- Magazine Pouch
- Radio Pouch
- Pepper Spray Pouch
- Baton Holder
- LESD (Taser) Holder
- \*Accommodate MHS (M17) Holster

Current Army MP Issue

Family of Concealable Body Armor (FoCBA)



USMC MPs and potentially Army MPs transitioning to new body armor

USMC Plate Carrier (PC) Gen III



Army Modular Scalable Vest (MSV) Law Enforcement





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# Air Force Body Armor Programs

19 NOV 20

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# Air Force Body Armor Programs



*AFLCMC... Providing the Warfighter's Edge*

## Torso Extremity Protection



Commercial system pictured currently being procured for SF Female Defenders

### Program Description

**Program Description:** Provide all Airmen across the Air Force with a modular scalable system that will provide levels of protection against fragmenting munitions, handgun, and small arms (with the use of a hard armor insert) threats. TEP initiative is a modular, scalable four tier system that allows the commander to tailor the Airman's protective level for different mission profiles.

**Requirement:**  
 ■ Capabilities Requirement Document

**Supported Customers:**  
 ■ Mobilized Ground Airman

### Schedule of Events

**Recent Highlights (Last 30 Days):**

- ✓ HAF/A3 provided signed Capabilities Requirement Document

**Next Major Milestone/Significant Event:**

- Acceptance from WN PEO
- Evaluate TEP potential solutions and begin acq strategy

## Aircrew Body Armor



Army ACE Vest is a potential replacement to legacy system used by USAF

### Program Description

**Program Description:** Currently used Safe-to-Fly body armor systems are not sustainable in DLA

**Requirement:** Provide aircrew with a body armor system available through DLA

**Supported Customers:**  
 ■ USAF aircrew

### Schedule of Events

**Recent Highlights (Last 30 Days):**

- ✓ Tracking Army progress to replace legacy body armor system

**Next Major Milestone/Significant Event:**

- Obtain Safe-to-Fly and Airworthiness Determinations for Helo Community COTS (carrier vest only)
- Evaluate next-generation Army aircrew body armor system
- Inter-Service Body Armor Working Group Mtg

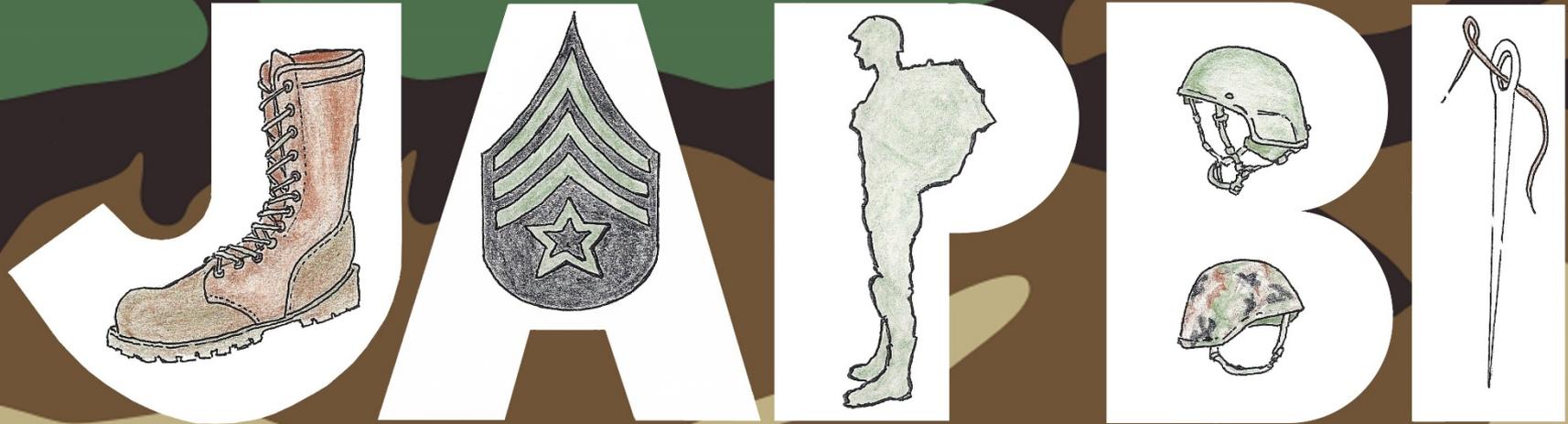


# Questions?

*AFLCMC... Providing the Warfighter's Edge*



# Joint Advanced Planning Brief for Industry



Hosted by DLA Troop Support Clothing and Textiles

- THANK YOU FOR ATTENDING!
- Slides will be posted within a week of the presentation at <https://www.dla.mil/TroopSupport/ClothingandTextiles/C-T-Industry/IndustryEvents/2020-JAPBI/>