



Individual Equipment, Body Armor & Load Bearing Items



DLA
DEFENSE LOGISTICS AGENCY
Established 1961



The Nation's Combat Logistics Support Agency

DLA Clothing & Textiles Body Armor & Loadbearing Equipment Items

Catherine Dillon
IST Chief, Individual Equipment
November 2023





Product Line Overview

Ground Troops Body Armor

- USMC Plate Carrier Generation III
- Modular Scalable Vest
- Ballistic Combat Shirt
- Legacy Enhanced Small Arms Protective Inserts (ESAPI) and Enhanced Side Ballistic Inserts (ESBI)
- Vital Torso Protection (VTP) ESAPI and ESBI
- USMC ESAPI and Lightweight Plates

Load Carrying Equipment

- Modular Lightweight Loadbearing Equipment (MOLLE)
- USMC Pack System

Miscellaneous Items

- Various bags
- Hammocks
- Canteens
- Trunks
- Belts



Obligations

Fiscal Year 2023 Funding Actions

- Planned - \$450,367,841
- Actual - \$ 479,641,446

Fiscal Year 2024 Funding Action Plan

- Total Funding Action Plan - \$302,445,982



Open Procurements

First Quarter FY 2024 Awards

- MOLLE Components – 23-R-0003
- Insect Net Protector* – 23-R-0097

Second Quarter FY 2024 Awards

- Laundry Bag* – 23-R-0099
- Shower Pail Collapsible – 23-R-0010
- Whistle Ball* – 23-R-0131
- USMC Plate Carrier – 21-R-0049
- Two Quart Canteen* – 23-R-0115
- MOLLE 4000* - 23-R-0014 & -0019

Third Quarter FY 2024 Awards

- Hydration Bladders* –24-R-0003
- Hydration Carrier* – 23-R-0113
- Hydration System* –24-R-0009
- Barracks Bag* - 24-R-TBD – Closes December 2023
- Modular Scalable Vest – 23-R-0061

Fourth Quarter FY 2024 Awards

- USMC Lightweight Plates – 23-R-0078 – Closes November 29th
- USMC Main Pack Liner – 24-R-0014 – Closes November 24th

**Indicates an item produced under the AbilityOne Program.*



Changes in Procurement Strategies for Body Armor

- Contract minimums will be a separate contract line item number (CLIN) for first article testing. Offered pricing shall include the cost of the samples to be tested and the testing cost.
- Ordering/Periods of Performance:
 - First Article Period: This period will begin at contract award through first article approval. Solicitations will provide an estimated timeline of the FAT process and once FAT is approved a modification will be issued to list the dates of each of the ordering periods.
 - Ordering Periods: Ordering periods for quantity beyond FAT/contract minimum will begin at first article approval. Typically, there will be three (3) ordering/tiered price periods and each will be 12 months in duration.
 - The total length of the resultant contracts will not exceed five (5) years.



Upcoming Opportunities

ESAPI

- Made in accordance with CO-PD-04-19 revision J, amendment 3, dated July 24, 2020
- Solicitation: SPE1C1-24-R-0010 – estimated issuance: February 2024
- Two (2) award lots:
 - Lot 1: 100% Total Small Business Set Aside
 - Lot 2: Unrestricted with a 10% HUBZone Price Evaluation Factor
- Best value tradeoff procedures with past performance
- Points of Contract – Kimberly Sabo & Michelle Falkowski



Upcoming Opportunities

ESAPI Quantities

	Min. Qty	AEQ	Max. Qty	Monthly Capacity
Lot 1	FAT Samples	48,533	182,400	6,400
Lot 2	FAT Samples	48,533	182,400	6,400



Upcoming Opportunities

VTP – ESAPI and ESBI

- Made in accordance with AR/PD 13-01 revision G dated October 17, 2022
- Solicitation: TBD – estimated issuance: March 2024
- Four (4) award lots:
 - Lot 1 / ESAPI: 100% Total Small Business Set Aside
 - Lot 2 / ESAPI: Unrestricted with a 10% HUBZone Price Evaluation Factor
 - Lot 3 / ESBI: 100% Total Small Business Set Aside
 - Lot 4 / ESBI: Unrestricted with a 10% HUBZone Price Evaluation Factor
- Best value tradeoff with passing ballistic and non-ballistic tests and past performance
- Points of Contract – Jessica Reilly & Maria Aguayo



Upcoming Opportunities

VTP – ESAPI and ESBI

	Min. Qty	AEQ	Max. Qty
Lot #1 - ESAPI	FAT Samples	40,000	150,400
Lot #2 - ESAPI	FAT Samples	40,000	150,400
Lot #3 – ESBI	FAT Samples	32,000	121,600
Lot #4 – ESBI	FAT Samples	32,000	121,600



Upcoming Opportunities

Ballistic Combat Shirts (Universal and Female)

- Made in accordance with AR/PD 15-06 Revision E & first time buy for DLA-TS
- Solicitation number: TBD – estimated issuance: March 2024
- Set aside type and the use of procurement note DTS01 Material Costs Economic Price Adjustment will be determined by market research
- Best value tradeoff procedures with passing ballistic and non-ballistic tests, product demonstration models, and Past performance – performance confidence assessment as evaluation factors.
- Points of Contract – Alex Salim & Michelle Falkowski



Upcoming Opportunities

Ballistic Combat Shirts (Universal and Female)

	Min. Qty	AEQ	Max. Qty
Universal Base Shirt Assemblies	FAT Samples	204,800	768,000
Universal Deltoid Assemblies	FAT Samples	137,600	516,000
Female Base Shirt Assemblies	FAT Samples	51,200	192,000
Female Deltoid Assemblies	FAT Samples	34,400	129,000

The Government reserves the right to order any combination of universal or female items within these stated quantities.



Upcoming Opportunities

Blast Pelvic Protector

- Made in accordance with AR/PD 15-04 Revision E dated TBD
- Army will supply request package for this item and it will be a first time buy for DLA-TS
- Set aside type and the use of procurement note DTS01 Material Costs Economic Price Adjustment will be determined by market research
- Best value tradeoff procedures with PDMs and past performance – performance confidence assessment.
- Point of Contract – Catherine Dillon



Upcoming Opportunities

Canteen Cup

- Made in accordance with MIL-C-43761 revision C dated March 25, 1998
- A purchase exception was granted by the AbilityOne Commission to purchase 112,000 cups competitively
- The solicitation will be issued in December 2023 on an unrestricted basis
- Lowest price technically acceptable approach with specification sheets and certificates of conformance
- Point of Contract – Kimberly Sabo and Maria Aguayo



Upcoming Opportunities

MOLLE 4000

- Made in accordance with CO-PD-02-02 Revision P dated May 2023
- Solicitation number: SPE1C1-23-R-0065 – estimated issuance: December 2023
- Four (4) award lots:
 - Lots 1 and 2: Unrestricted with a 10% HUBZone Price Evaluation Factor
 - Lot 3: 100% Total Small Business Set Aside
 - Lot 4: 100% HUBZone Set Aside
- Best value tradeoff procedures with PDMs & past performance
- Tiered priced contract with 36-month ordering period – each tier is 12 months
- Uses procurement note DTS01 Material Costs Economic Price Adjustment
- Points of Contract – Michelle Falkowski and Maria Aguayo



Upcoming Opportunities

MOLLE 4000 Quantities

	Min. Qty	AEQ	Max. Qty
Lot 1	32,000	88,000	650,295
Lot 2	32,000	88,000	650,295
Lot 3	16,000	44,000	165,000
Lot 4	16,000	44,000	165,000



Upcoming Opportunities

Large Rucksack and Components

- Made in accordance with purchase description YAGC 89-4A dated September 21, 2011
- Solicitation number: TBD – estimated issuance: February 2024
- The load lifter attachment straps & enhanced frame shoulder straps are mandatory sourced items under the AbilityOne Program and the awardee must purchase these items accordingly
- Set aside type and the use of procurement note DTS01 Material Costs Economic Price Adjustment will be determined by market research
- Best value tradeoff procedures with PDMs & past performance
- Tiered priced contract with 36-month ordering period – each tier is 12 months
- Points of Contact – Kimberly Sabo & Michelle Falkowski



Upcoming Opportunities

Large Rucksack and Components Quantities

	Min. Qty	AEQ	Max. Qty	Monthly Capacity*
MOLLE Large Field Pack Set	3,750	15,000	56,250	1,600
Rucksack, Large Field Pack	2,000	8,000	30,000	850
Sustainment Pouch	0	1,500	5,625	175
MOLLE Pack Frame	0	4,000	15,000	500
Molded Waist Belt	0	1,500	5,625	175
Buckle, Male, Shoulder Suspension	0	1,500	5,625	175
Large Ruck Flap	0	1,500	5,625	175

* The monthly capacity is the minimum the Government will require; however, if your company can exceed this quantity, please state so in your market research response.



Upcoming Opportunities

USMC Dump Pouch

- Made in accordance with GL-PD-12-03 dated February 23, 2012
- Solicitation number: TBD – estimated issuance: February 2024
- Set aside type and the use of procurement note DTS01 Material Costs Economic Price Adjustment will be determined by market research
- Lowest price technically acceptable approach with PDMs
- Tiered priced contract with 36-month ordering period – each tier is 12 months
- Minimum quantity: 2,325 each / AEQ: 9,3000 each / Maximum quantity: 41,850
- Points of Contract – David Falkowski & Jessica Reilly



Team POCs

Individual Equipment IST

Catherine Dillon, Supervisory Integrated Acquisition Specialist/Contracting Officer

(215) 737-2497 / Catherine.Dillon@dla.mil

David Falkowski, Acquisition Specialist

(215) 737- 5395 / David.Falkowski@dla.mil

Casandra Rogers, Acquisition Specialist

(215) 737- 3012 / Casandra.rogers@dla.mil

Kimberly Sabo, Acquisition Specialist

(215) 737-7006 / kimberly.sabo@dla.mil

Alex Salim, Acquisition Specialist

(215) 737-5112 / alex.salim@dla.mil

Ronald Thomas, Acquisition Specialist

(215) 737-2291 / Ronald.thomas@dla.mil

Kiaralis Velez-Santiago

215-737-TBD / kiaralis.velezsantiago@dla.mil

Division Support

Michael Medora, Division Chief
(215) 737-3274

michael.medora@dla.mil

Maria Aguayo, Contracting Officer
(215) 737-5701

maria.aguayo@dla.mil

Michelle Falkowski, Contracting Officer
(215) 737-5479

michelle.falkowski@dla.mil

Jessica Reilly, Contracting Officer
(215) 737-0879

jessica.reilly@dla.mil





**Product Manager
Soldier Protective Equipment**

**PRECISION
is the Standard**

Every Ounce Matters, Every Bullet Counts

Product Manager Soldier Protective Equipment (PdM SPE) Joint Advanced Planning Brief to Industry *Body Armor Session*

LTC Kenneth Elgort
Product Manager
Soldier Protective Equipment

Sarah Coleman
Deputy Product Manager
Soldier Protective Equipment

15-16 November 2023



Agenda



- **Opening Remarks**
- **Mission, Vision, and Priorities**
- **Vital Torso Protection (VTP) Purchase Description (PD) Development Overview**
- **VTP Plate Testing Overview**
- **X-Variant Discussion**

Please Note Change of Address:

Product Manager Soldier Protective Equipment (PdM SPE)

10125 Kingman Road, Bldg 317

Fort Belvoir, VA 22060-5862





Mission, Vision, and Priorities



Mission

To increase Warfighter lethality, survivability, and mobility by delivering cutting edge Soldier protective equipment

Vision

To continuously optimize Soldier protective equipment based on operational threats and deliver the right equipment, to the right Soldier, at the right time

Principles

- Understand user needs
- Have a plan/roadmap
- Be responsive
- Simplicity matters
- Data supported decisions
- Fiscally Responsible

Priority 1 – People & Networks

- Build the team internally and externally
- Balance workload
- Recognize, reward, and promote
- Build predictability into the workplace
- Work across PM lines / integrate early
- Nurture stakeholder relationships

Priority 2 – Deliver Capability

- Right Soldier, right time, right place
- Support fieldings and RFI
- Maintain industrial base
- Understand supply chain risks
- Pursue flexible contract options
- Stay current on operating environment and threats

Priority 3 – Improve & Innovate

- Continuous optimization
- Transparency with roadmap
- Track Industry and S&T advancements to better manage technology transition
- Seek and incorporate User feedback
- Pursue inter-service efforts and collaboration

Body Armor Team



Program Executive Office Soldier
peosoldier.army.mil



Product Manager Soldier Protective Equipment
Every Ounce Matters, Every Bullet Counts

APM: MAJ Pierre-Zamora



LARGE
STRIKE FACE

HANDLE WITH CARE

Retention Maintenance Checks and Services (RMCS):
2207 plate is Conditioned to be unbreakable. If any of the following conditions are present:
- rear cover is damaged exposing ceramic tile material or backing material
- tile is cracked and you hear loose pieces rattling around when you spin
- backing or backing or ceramic tile loose when pulled by hand
- excessive banding in determining (backing material plate are separating)
- edge of the ceramic tile is chipped or frayed as you flip the plate over 180 degrees of the plate
- tile has been hit by a bullet or fragment

Inspection Procedure:
1. Check for damage to the rear cover.
2. Check for damage to the ceramic tile.
3. Check for damage to the backing material.
4. Check for damage to the edge of the ceramic tile.
5. Check for damage to the edge of the backing material.
6. Check for damage to the edge of the ceramic tile and backing material.
7. Check for damage to the edge of the ceramic tile and backing material.
8. Check for damage to the edge of the ceramic tile and backing material.
9. Check for damage to the edge of the ceramic tile and backing material.
10. Check for damage to the edge of the ceramic tile and backing material.

STRIKE

STRIKE FACE

HANDLE WITH

HANDLE WITH CARE



Soldier Protection System (SPS)





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 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
 - Two (2) expanded size plate carriers (6x6, 6x8) to accommodate female and small statured Soldiers currently available



Vital Torso Protection (VTP) Plate Update



- Continued work with industry to refine the Improved Geometry (Shooter's Cut) Enhanced Small Arms Protective Insert (ESAPI)
 - Because of the success of industry and technology to meet or exceed our current threshold (7%), the Value Adjusted Total Evaluated (Unit) Price (VATEP) ceiling will increase for future fair opportunities to further incentivize weight savings.
- Fielding priority Close Combat Soldiers in accordance with HQDA
 - Plan is to transition VTP to DLA for sustainment in the next fiscal year
 - All future sustainment contracts will be modified to reflect the Shooter's Cut design
- Intent is to place X variants into a contingency stock
 - The Army is reevaluating the X-Variant requirements



VTP PD Update Goals



- 1: Increase statistical significance of testing on behalf of the Soldier**
- 2: Improve operational relevancy of testing on behalf of the Soldier**
- 3: Improve alignment to directed requirements on behalf of all partners**
- 4: Improve usability on behalf of our industry partners and everyday users**



UNCLASSIFIED



U.S. ARMY



MODULAR LIGHTWEIGHT LOAD-CARRYING EQUIPMENT (MOLLE)

Blaise Liess
Assistant Product Manager, SCIE
blaise.p.liess.civ@army.mil

Every Ounce Matters,
Every Bullet Counts

16 November 2023

UNCLASSIFIED



Modular Lightweight Load-Carrying Equipment (MOLLE) Close Combat Sets

Description:

- The MOLLE Close Combat Rifleman set consists of:
 - Modular Belt System (1)
 - Single Mag Pouch (3)
 - Double Mag Pouch (2)
 - Dump Pouch (1)

- The MOLLE Close Combat Automatic Weapon Set consists of:
 - Modular Belt System (1)
 - Fifty Round Pouch (2)
 - One Hundred Round Pouch (3)
 - Dump Pouch (1)

- Note: These two new sets of the MOLLE system are not replacing any existing MOLLE sets. They satisfy a new need of the user community.

- Transition to Defense Logistics Agency Troop Support (DLA-TS) is expected in early FY24



MOLLE M320 Grenade Launch Holster

Description:

- A simple/low profile textile carrying device for the M320 Grenade Launcher

Current Status:

- Test items are currently being evaluated.

Future Contracts:

- FY24 could bring solicitation for production quantities
- Small business set aside is anticipated
- Estimated contract quantity is 14,000/ea.

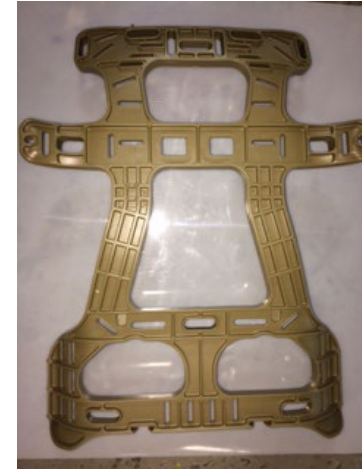


MOLLE 4000 Frame Material

Additional Sources Sought for Resin

■ Polymer Material Requirements:

- 1) Injection Molded Thermoplastic
- 2) Ultra-violet (UV) Stabilized
- 3) Impact Modified Polymer
- 4) Chemical Resistant to DEET, lube/oil/petroleum/gun cleaning solvents
- 5) Environmental Temperature Range: -40F to 160F
- 6) Specific Gravity NTE 1.25 (ASTM D 792), 1.21 (ASTM D 792)
- 7) Flex Modulus 1.2 mm/min, 50 mm span: 2290 MPa (ASTM D 790)- yes, 2290 MPa (ASTM D 790)
- 8) Tensile Strain, brk/Type I/50 mm/min (ASTM D 638): 145%- yes, 147% (ASTM D 638)
- 9) Must display ductile failure properties when pierced by a high-speed projectile without evidence of propagating fractures or fragmentation





MOLLE Knit Material

Additional Sources Sought for Knit Material Used in MOLLE Molded Rucksack Belts

- Knit Material Requirements:
 - Tan 499, 7.6 oz/ly, nylon (ASTM D4966, medium wear minimal WT loss at 160,000 cycles) for lamination to 2 lb. cross-linked polyethylene.

