



**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...



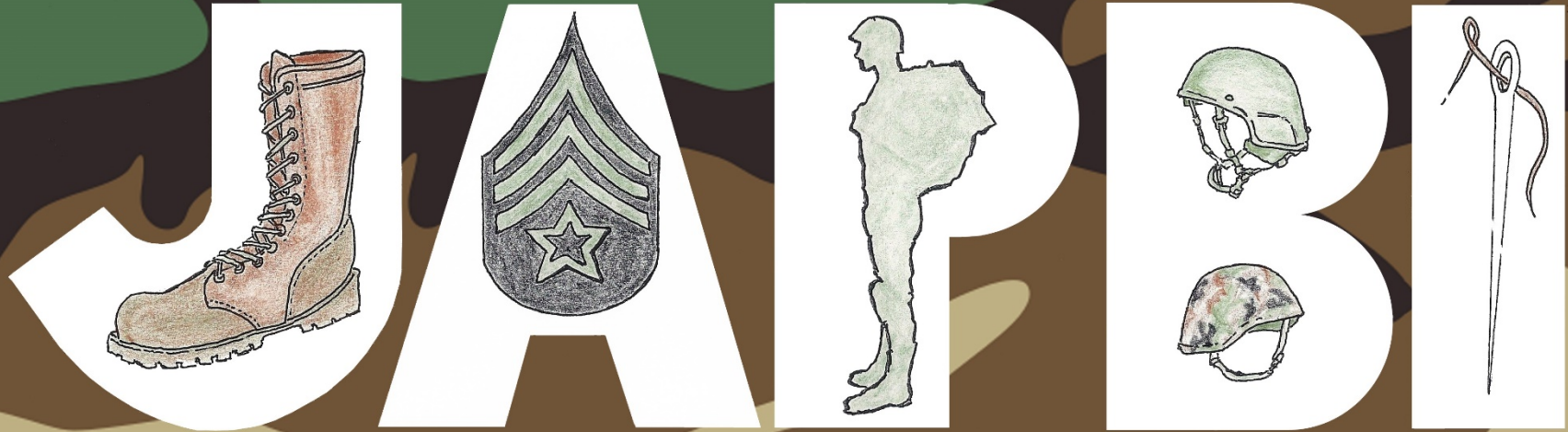
WARFIGHTER ALWAYS



# Combat Utility Uniforms Breakout

- DLA Troop Support
  - Rachel Ganaway
- Product Manager, Soldier Clothing & Individual Equipment
  - Rob Drown, Donna Cox, Cindy Vindman
- Infantry Combat Equipment (PM ICE)
  - John Bauer

# 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/>



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



The Nation's Combat Logistics Support Agency

# DLA TROOP SUPPORT

## Clothing & Textiles

## Combat Uniforms

Rachel Ganaway, Branch Chief  
November 18, 2020



WARFIGHTER ALWAYS



# Field Clothing Division

**Lisa Marie Vivino**  
Division Chief - FQA

**Rachel Ganaway**

FQAB – Combat Uniforms

**Arlett Hartie**

FQAC - Accessories

**Roxane Owen**

FQBA – ECWCS

**Evan Eisenberg**

**Donna Streibich**

Contracting Officers

**\$344M in Sales FY20**

**\$116M in Sales FY20**

**\$325M in Sales FY20**

**Evan Eisenberg (KO-Unlimited)**

**Joseph Parker**

**Mark McClernan**

**Michael Baron**

**Philip Ward**

**Hien-My Nguyen**

**Derek Jones (PACER)**

**Donna Streibich (KO-\$100M)**

**Dirk Smart (KO – SAT)**

**Mimi Pham (KO – SAT)**

**Marcia Henson**

**Rachel Piecyk (PACER)**

**Vincent Davis (PACER)**

**Roxane Owen (KO-\$10M)**

**Antoinette Ouattara (KO-\$500K)**

**Susan DeMarco**

**Miosotis Gonzalez-Figueroa**

**Stefanie Caruso**

**Patricia Lyles**

**Tiffany Taylor (PACER)**

**Blaine Jackson (PACER)**

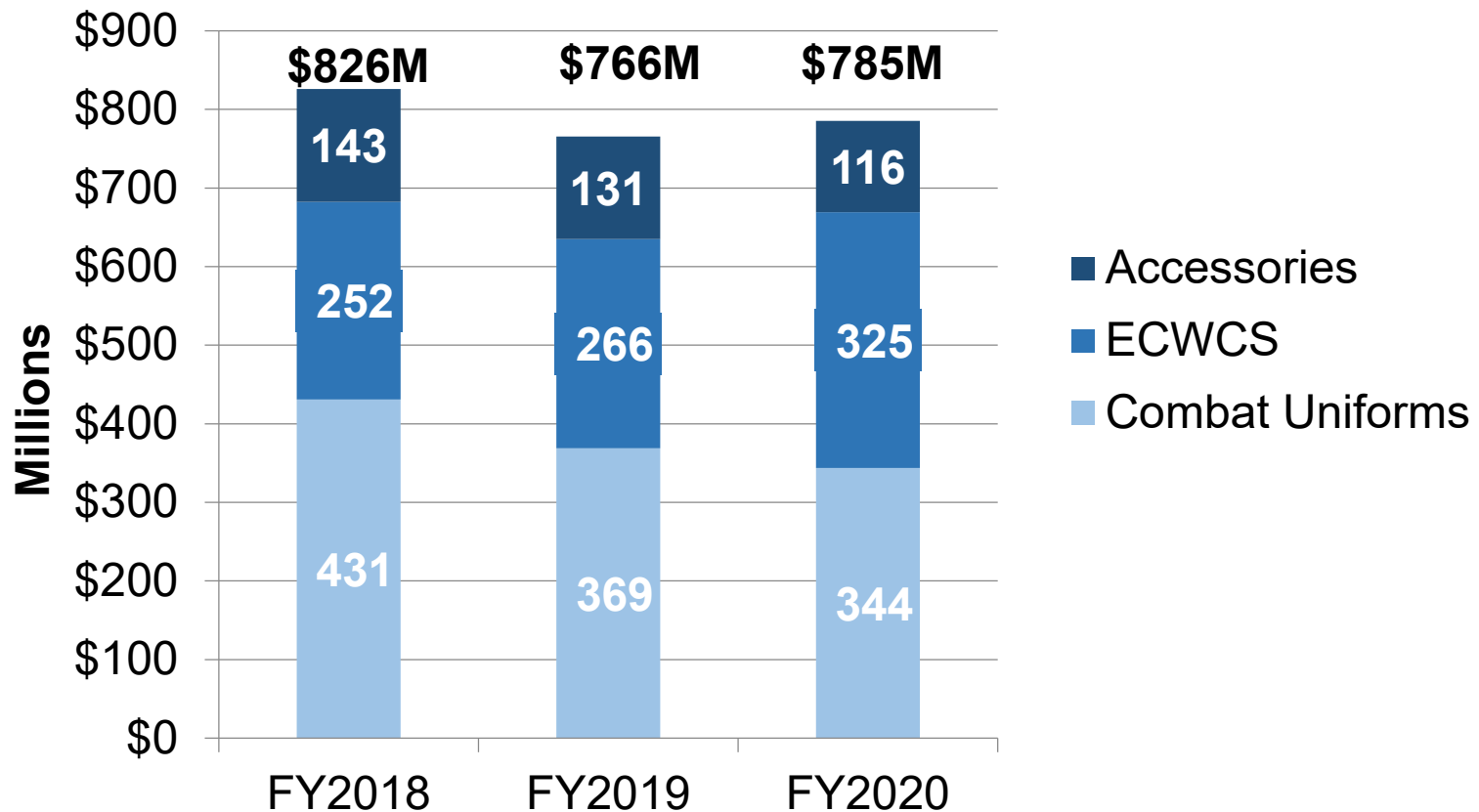


# Division Points of Contact

Name	Team	Title	E-mail
Lisa Marie Vivino	Field Clothing	Division Chief	<a href="mailto:LisaMarie.Vivino@dla.mil">LisaMarie.Vivino@dla.mil</a>
Rachel Ganaway	Combat Uniforms	Supervisor	<a href="mailto:Rachel.Ganaway@dla.mil">Rachel.Ganaway@dla.mil</a>
Arlett Hartie	Accessories	Supervisor	Arlett.Hartie@dla.mil
Roxane Owen	ECWCS	Supervisor	Roxane.Owen@dla.mil
Evan Eisenberg	Combat Uniforms	Contracting Officer	<a href="mailto:Evan.Eisenberg@dla.mil">Evan.Eisenberg@dla.mil</a>
Donna Streibich	Accessories	Contracting Officer	<a href="mailto:Donna.Streibich@dla.mil">Donna.Streibich@dla.mil</a>



# Field Clothing Sales FY2018 – FY2020





# Combat Uniforms





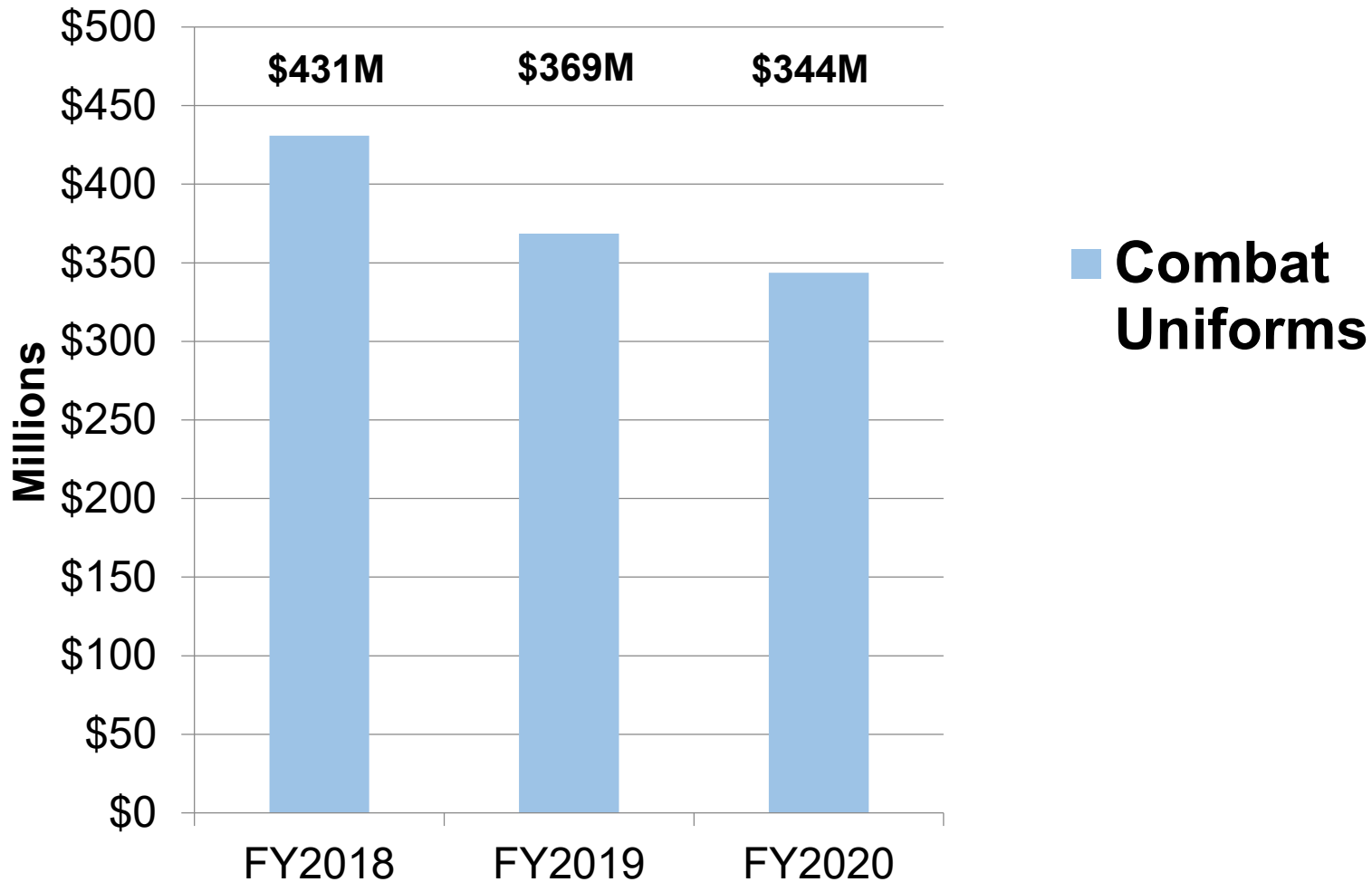


# Product Line Overview

- Product Line
  - Combat Uniforms for Army, Air Force, Navy, Marine Corps, Coast Guard
    - Army Combat Uniform (ACU)
    - Flame Resistant Army Combat Uniform (FR-ACU)
    - Improved Hot Weather Combat Uniform (IHWCU)
    - Navy Working Uniform (NWU)
    - Marine Corps Combat Utility Uniform (MCCUU)
    - Operational Dress Uniform (ODU)
    - Afghan Combat Uniforms (ANA/AUP)
    - Army Patrol Cap & Sun Hat, Navy Boonies and Caps, MC Caps
- Manage 46 items
- Manage 40 long term contracts

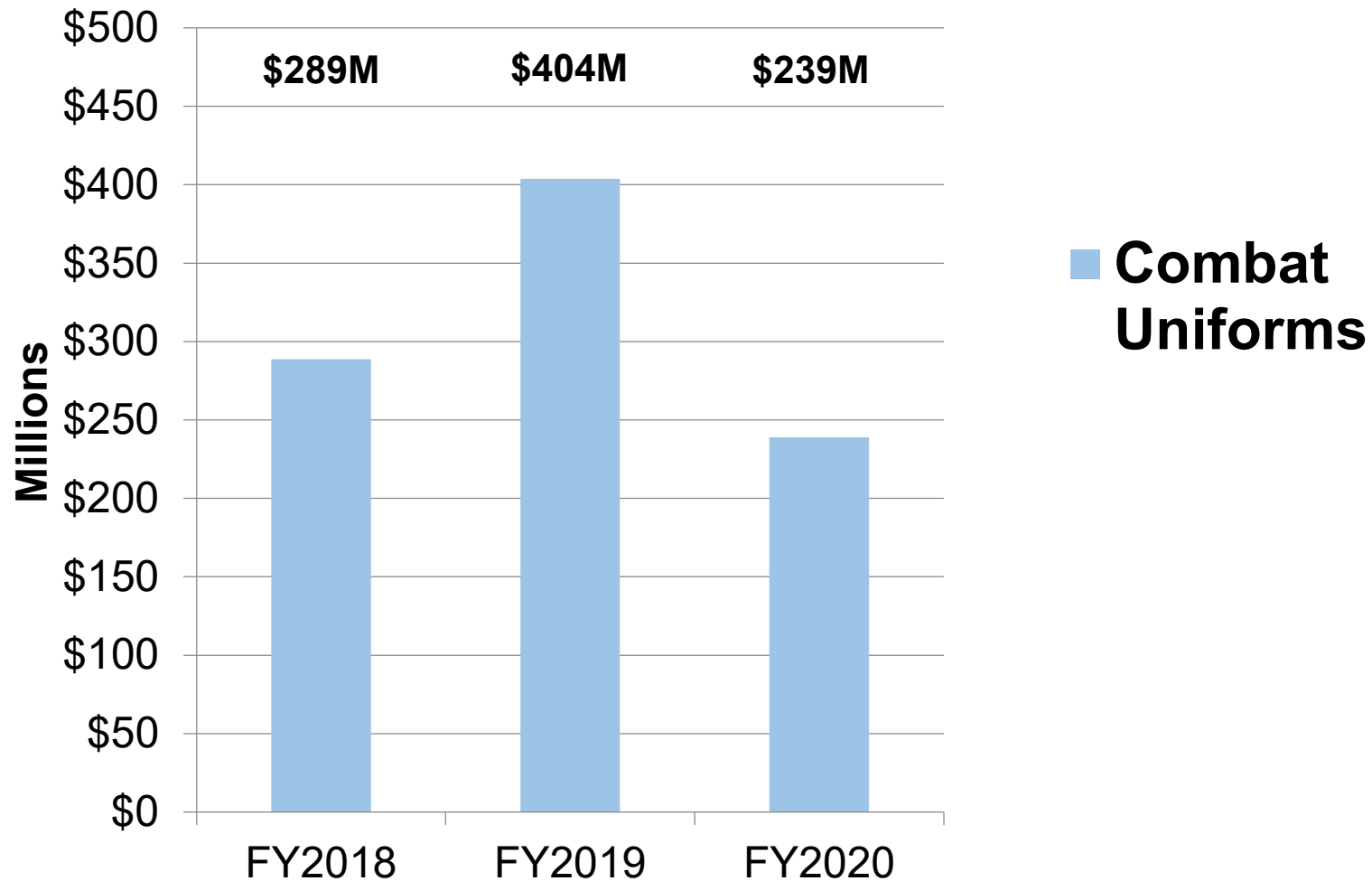


# Combat Uniform Sales FY2018 – FY2020



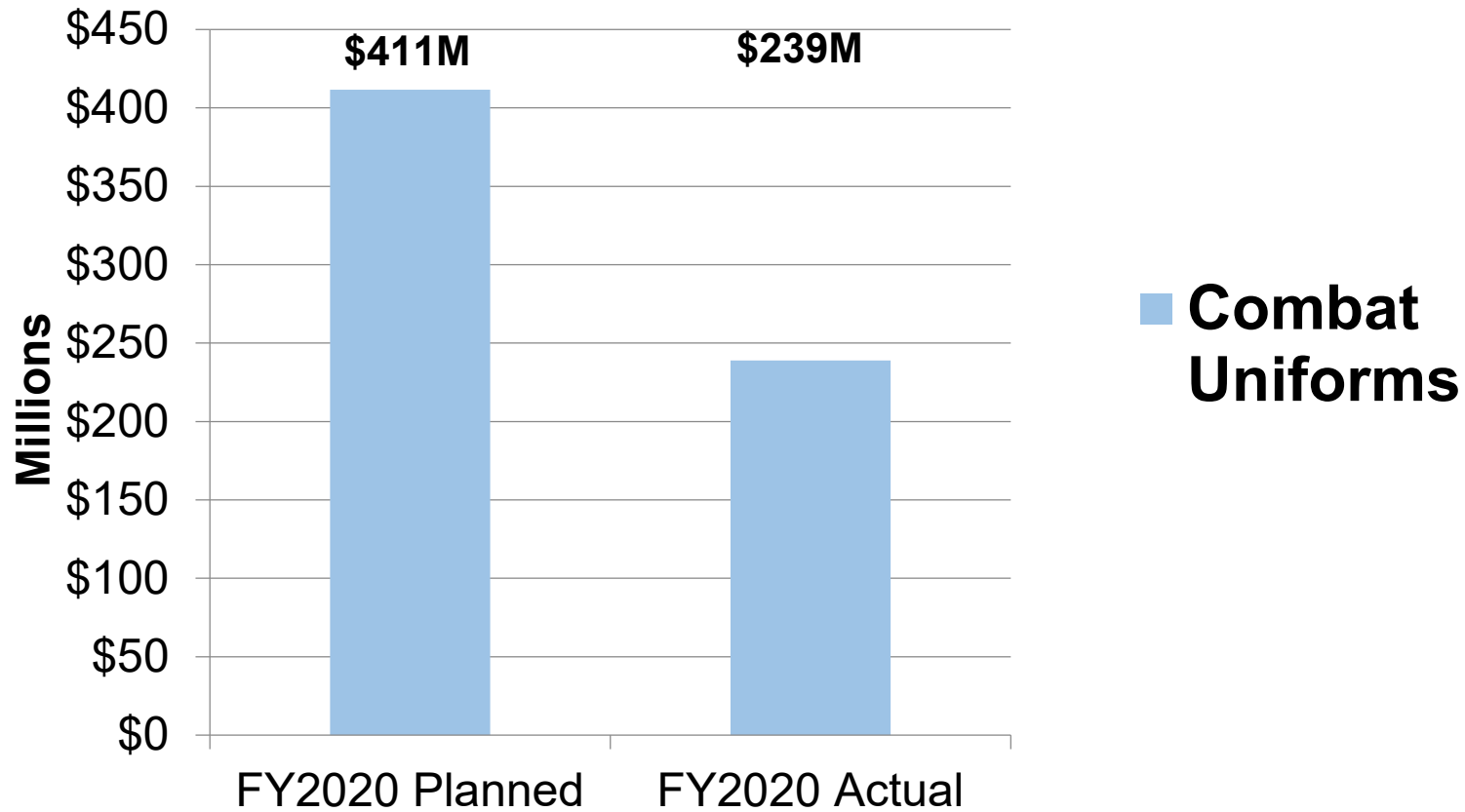


# Obligations FY2018 – FY2020





# FY2020 Obligations Planned vs. Actual





# Open Procurements

ITEM	STATUS	TARGET AWARD DATE
FR-ACU/IHWCU Coats – 19-R-0081 Lot 2	Solicitation Closed	December 2020
FR-ACU/IHWCU Trousers – 19-R-0083 Lot 2	Solicitation Closed	December 2020
ACU Coats and Trousers	Allocation Closed	December 2020
ACU Coats and Trousers	Allocation Closed	December 2020
IHWCU Coats and Trousers – 20-R-0001 Lot 1	Solicitation Closed	February 2021
IHWCU Coats and Trousers – 20-R-0001 Lot 2	Solicitation Closed	March 2021
IHWCU Coats and Trousers – 20-R-0001 Lot 3	Solicitation Closed	March 2021
IHWCU Coats and Trousers – 20-R-0001 Lot 4	Solicitation Closed	December 2020
IHWCU Coats and Trousers – 20-R-0001 Lot 5	Solicitation Closed	March 2021



# Upcoming Opportunities

ITEM	STRATEGY	EST. CONTRACT LENGTH	ANNUAL EST. QTY.	EST. ISSUE DATE	BUYER
ACU Coats	Two Lots, Various strategies	24 Month Base + 1 24M option	Not yet determined	Dec 2020	Hien-My Nguyen
ACU Trousers	Two Lots, Various strategies	24 Month Base + 1 24M option	Not yet determined	Dec 2020	Hien-My Nguyen
Female IHWCU Coats	Not yet determined	Not yet determined	Not yet determined	Jan 2021	Not yet determined
Female IHWCU Trousers	Not yet determined	Not yet determined	Not yet determined	Jan 2021	Not yet determined



## Updates and Reminders

- Improved Hot Weather Combat Uniform
  - Successfully ramped up production to support accelerated roll out
  - IHWCU produced by 8 prime contractors and multiple subcontractors on 10 contracts
- Female Improved Hot Weather Combat Uniform
  - Opportunities will be coming up in the next year
- Delivery Schedules
  - Make every effort to adhere to schedules.
  - Report delays in advance so we can plan accordingly



# Team Points of Contact

NAME	TITLE	EMAIL
Rachel Ganaway	Supervisor/Contracting Officer	<a href="mailto:Rachel.Ganaway@dla.mil">Rachel.Ganaway@dla.mil</a>
Evan Eisenberg	Contracting Officer	<a href="mailto:Evan.Eisenberg@dla.mil">Evan.Eisenberg@dla.mil</a>
Joe Parker	Contract Specialist	<a href="mailto:Joseph.Parker@dla.mil">Joseph.Parker@dla.mil</a>
Mark McClernan	Contract Specialist	<a href="mailto:Mark.McClernan@dla.mil">Mark.McClernan@dla.mil</a>
Michael Baron	Contract Specialist	<a href="mailto:Michael.Baron@dla.mil">Michael.Baron@dla.mil</a>
Philip Ward	Contract Specialist	<a href="mailto:Philip.J.Ward@dla.mil">Philip.J.Ward@dla.mil</a>
Hien-My Nguyen	Contract Specialist	<a href="mailto:Hien-My.Nguyen@dla.mil">Hien-My.Nguyen@dla.mil</a>
Derek Jones	Contract Specialist	<a href="mailto:Derek.1.Jones@dla.mil">Derek.1.Jones@dla.mil</a>







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 *Combat Uniforms Session*

18 November 2020

Donna Cox  
Senior Systems Engineer, PM SCIE  
donna.d.cox.civ@mail.mil

Rob Drown  
Product Engineer, PM SCIE  
robert.e.drown.civ@mail.mil



# Army Combat Pant (ACP) & Advanced Integrated Kneepad



## Where We Are:

- The Army uses a Commercial-Off-The-Shelf (COTS) integrated kneepad with the Army Combat Pants (ACP)
  - Current COTS kneepad was fielded as a readily available solution
  - Current COTS kneepad does not allow the government to make design changes to address various use cases, or make improvements to address various operational threat scenarios



## Where We Are Going:

- The Army has developed a Government-owned integrated kneepad design and is finalizing the Purchase Description (PD)
- Modifications to the ACP have been made to accept the new kneepad
- The Technical Data Package (TDP) for the Supply Request Package (SRP) is expected to be submitted to DLA 2QFY21
- The Advanced Integrated Kneepad (AIKP) will allow the Government to implement various threat level protections as necessary and integrate across operational ensembles such as the new Chemical Biological Protective Suit and National Fire Service Smoke Jumper Garment





# Vector Control



## Where We Were:

- Permethrin and Etofenprox are both FDA approved chemistries
- Tested Permethrin vs Etofenprox in the IHWCU and the Flame Resistant Advanced Combat Uniform (FR ACU)
  - Significant Bite Protection (BP) performance improvement with Etofenprox in the IHWCU
  - No significant improvement with Etofenprox in the FR ACU
- Posted Request for Information (RFI) in June 2020 conveying intention to raise the BP requirement for the Improved Hot Weather Combat Uniform (IHWCU)
- Created Vector Control Performance Specification, MIL-PRF-32659 dated 30 July 2020

## Where We Are Going:

- Increase the BP requirement for the IHWCU once USDA testing resumes
  - After one laundering (Initial) – 90% minimum BP
  - After 20 Launderings – 85% minimum BP
  - After 50 Launderings – 75% minimum BP



**MARINE CORPS SYSTEMS COMMAND**  
*Equipping our MARINES*



*Program Manager  
for  
Infantry Combat Equipment (PM ICE)*

***NexGen MCCUU  
JAPBI 18 Nov 20***



- Current issue Marine Corps Combat Utility Uniform (MCCUU) does not have Flame Resistant (FR) capability
- No sustainment in place for existing stock of USMC FR combat uniforms
- Growing need/training requirements require improved FR capabilities of existing uniform
- Current issue MCCUU requires mitigation of Short Wave Infrared (SWIR) signature



**Intent is to merge SWIR Mitigation and FR into the NexGen MCCUU**



## FR

- Growing need/training requirements lead to need of FR capabilities of existing uniform: Low-Cost and Durable FR Treatment to the MCCUU
- USMC & Army effort for FR paste
  - Conducted through CCDC Soldier Center
  - Treatment applied to material before cut & sew
  - Maintain current MCCUU attributes, including 50 wash cycles
- USMC SIBR topic – FR application to MCCUU (FY19) FR Paste and/or treatment of NYCO
  - Phase II contract awarded FY20
    - Treat existing uniforms
    - Cost increase: < 5% (objective) < 10% (threshold)
    - FR durability: 100 (objective) 50 (threshold) laundering cycles
    - Minimal impact on non-FR performance
    - Treatment applied to material before cut & sew



## SWIR

- USMC and Army R&D effort
  - Conducted through CCDC Soldier Center & NSWC Dahlgren
  - Objective: Reduce/eliminate shortwave IR reflections from uniforms and equipment
  - Solution: Passive Modifications (paint/pigment)
- Efforts applied to SWIR signature mitigation of deployed warfighter combat kit (uniforms and 500D nylon load carriage)
- Apparent Reflectivity Signature measurement reduction resulted in new target values – available to industry



Baseline MARPAT vs. Proof Of Concept SWIR Materials.

**Next Step: Merge SWIR Mitigation and FR into the NexGen MCCUU**



- ❑ *Merge FR and SWIR into one low cost uniform*
- ❑ *Completing updates to MCCUU specification and patterns – conduct User Evaluation to verify*
  - *1QFY21 RFI release*
  - *3QFY21 RFP release*
  - *2QFY22 User evaluation*
  - *FY23 Transition to DLA*





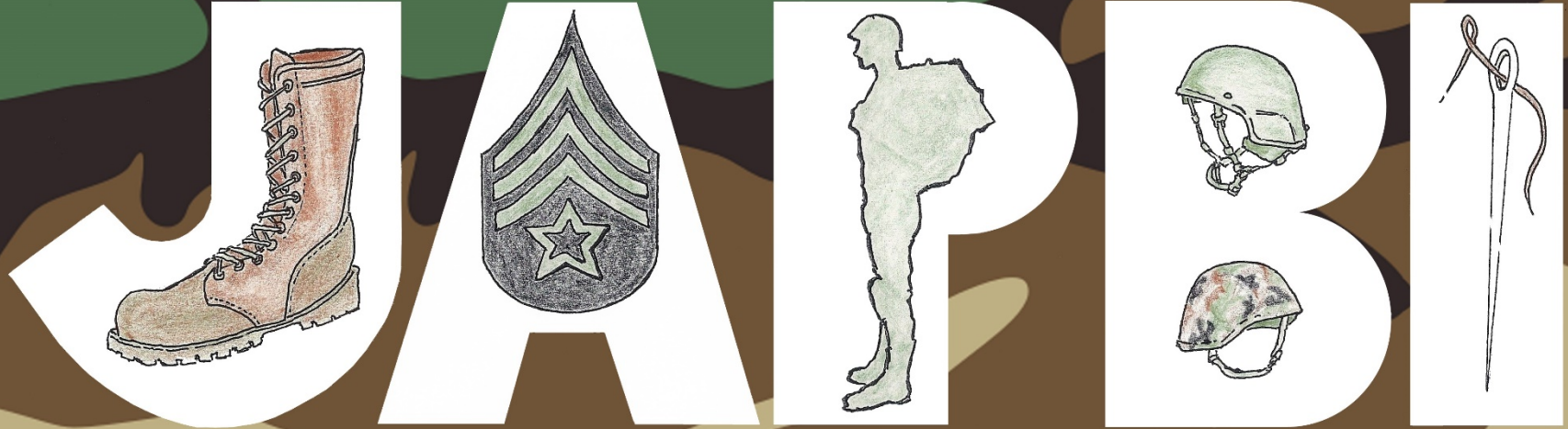
# MARINE CORPS SYSTEMS COMMAND

Equipping our MARINES



## *Questions*

# 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/>