



MARINE CORPS SYSTEMS COMMAND

Combat Equipment & Support Systems (CESS)
Program Manager, Infantry Combat Equipment



USMC Mountain/Cold Weather Clothing



MGySgt James Taylor, Project Officer
Ms. Betsy Moore, Textile Technologist
Mrs. Rosemary Lomba, Textile Technologist
Ms. Jennifer Fernald, Clothing Designer
Combat, Cold Weather, and Dress Clothing Team
Infantry Combat Equipment, Marine Corps Systems Command
E-mail: james.l.taylor@usmc.mil
Office Phone: 703-432-3308



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USMC Mountain/Cold Weather Clothing

Description

- A multi-layered clothing system with improved:
 - moisture management
 - flexibility to adapt to changing environment
 - faster drying time
 - lighter weight
 - reduced pack volume

Acquisition Strategy

- Procure Flame Resistant (FR) versions of the silk weight and mid weight fleece
- Request for Information (RFI) for new FR fabrics/materials
- Funding FY09 CIF (Consolidated Issue Facility) Items
 - 460,000 silk weight and 230,000 FR mid weight fleece

Fielding

- CIF Fielding:
 - Cap (1 per)
 - FR Silk weight underwear (2 per)
 - FR mid weight fleece (1 per)
- STAP (Special Training Allowance Pool) Fielding:
 - Windpro Fleece (1 per)
 - LW Exposure Suit (1 per)
 - Extreme Cold Weather Suit (1 per)
 - Snow Overwhite (1 per)
 - Extreme Cold Weather Mitten (shell 1 per, liner 2 per)
 - Light Duty Glove Insert (2 per)

Sustainment Concept

- Expect replacements for fleece base layers and snow overwhites will be forecasted and procured through DSCP (Defense Supply Center Philadelphia).
- CIF - Complete AO 230,000 sets
- STAP- Complete AO 35,000 sets. Deployments to AG may increase STAP AO. Procure FY10 shelf stock in FY09 (dependent upon funding)
- PM-ICE POM for Replacement/ Sustainment quantities.



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Lightweight Exposure Suit



*Windpro Jacket, grid fleece,
silk layer and cap*



*Extreme Cold Weather
Mitten System*



*Extreme Cold Weather
Parka, Trouser and Boot*



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USMC Mountain/Cold Weather Clothing *Current Status*

- NISH FY 09 contracts: silk weight, FR mid weight fleece and windpro jacket
- Marine Corps will no longer procure polyester base layers due to FR concerns.
- Current fielding of outer layers through GSA FY08 contracts: Extreme Cold Weather Parka, Trouser, Booties; Mitten and Liner, Lightweight Exposure Suit; and Light Duty Glove insert.
- FY07 IDIQ contract with remaining option: Snow Overwhite Parka, Trouser, and Pack Cover
- Potential GSA contract will complete initial AO for all STAP items.



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Expected FY09 Procurements

- Lightweight Exposure Jacket/Trouser
- Extreme Cold Weather Parka & Trousers
- Extreme Cold Weather Booties
- Light Duty Glove Insert (issued 2 per)
- Extreme Cold Weather
 - Mitten Shell (1 per)
 - Removable Liner (2 per)
- Snow Overwhite Parka, Trouser, & Pack Cover



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USMC Mountain/Cold Weather Clothing *Future*

- Continue to improve protection, durability, comfort and design of all layers. Field evaluations of test items at Mountain Warfare Training Center (MWTC) critical.





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Glove Product Improvement

- USMC is conducting a market survey for a glove with improved cold/wet weather protection to possibly replace USMC's current 5-finger CW glove, NSN 8415-01-457-1557.
- RFI scheduled to post on fedbizopps 30 May 09.
- Requirements:
 - Cold/wet weather protection and insulation
 - Waterproof yet breathable with water repellant outer shell
 - Fast drying
 - Removable water repellant insulated liner (must attach to the inside of shell)
 - Good durability
 - Good dexterity & grip
 - Will not freeze
 - Clo value – 1.2 minimum
- RFI scheduled to post for a “more robust” contact glove when compared to the Light Duty Glove Insert which is part of the MCW Clothing System.
 - Will be used with the CW Glove, or as a stand alone item.
 - Specific requirements TBD.



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Glove Product Improvement Timeline

- Samples due: 30 Jun 09
 - If additional samples are needed, USMC will request within 15-30 days after initial submission.
- Laboratory screening evaluation and candidate selection expect completion Aug 09.
- If the USMC downselects glove(s) for field evaluation, initial field test quantity of 200 per candidate would be procured during 2QFY10.



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USMC Mountain/Cold Weather Clothing *Milestones*

- Sustain Mountain Cold Weather items for future requirements.





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Questions?