

All-Purpose Environmental Clothing System

Description

The All-Purpose Environmental Clothing System (APECS) is a product improvement to the second-generation Extreme Cold Weather Clothing System. Improvements include a 10- to 15-percent weight reduction; softer, quieter, and more water-resistant material; and, reduced infrared signature. The parka and trousers will provide improved protection for the Marines in cold/wet or cold/dry environments. The parka has improved waterproof closures, and the orientation of pockets has been modified to be more compatible with ancillary equipment. The parka also has a rolled and stowed hood, and reinforced elbows. The trousers have cargo pockets, belt and suspender loops, and knee and buttocks reinforcement patches. Improved waterproofing features, reduced weight, reoriented pockets, and the Marine Corps new camouflage pattern have also been incorporated into the design.

Operational Impact

APECS provides Marines with an improved outer protective layer, permitting greater ease of movement, protection, and wearer survivability.

Program Status

Initial operation capability took place in second quarter FY 2004. Full operational capability is anticipated by first quarter FY 2008. A new solicitation, with specific small business quantities, was awarded during fourth quarter FY 04.

Procurement Profile: FY 05 FY 06

Quantity: 32,000 26,000

Developer/Manufacturer:

Propper International, St Charles, MO

Small Business to be determined.