

Chemical Biological Protective Shelter (CBPS)

Enables medical personnel to treat casualties without the encumbrance of individual protective clothing and equipment in a highly mobile, easy-to-use, and self-contained, chemical-biological hardened facility.

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



Description & Specifications

The Chemical Biological Protective Shelter (CBPS) is a highly mobile, self-contained system designed to replace the M51 Collective Protection Shelter. CBPS consists of a Lightweight Multi-purpose Shelter (LMS) mounted on an expanded capacity variant (ECV) High Mobility Multi-Purpose Wheeled Vehicle (HMMWV) and a 300-square-foot, airbeam-supported soft shelter. CBPS provides a contamination-free, environmentally controlled working area for medical, combat service, and combat service support personnel to obtain relief from the need to wear chemical-biological protective clothing for 72 hours of operation.

All ancillary equipment required to provide protection, except the generator, is mounted within the shelter. Medical equipment and crew gear are transported inside of the LMS or by a towed high-mobility trailer.

CBPS will be assigned to the trauma treatment teams/squads of the maneuver battalions, the medical companies of the forward and division support battalions, non-divisional medical treatment teams/squads, division and corps medical companies, and the forward surgical teams.

Program Status

- **2QFY06:** Indefinite Delivery/Indefinite Quantity contract awarded for electrically powered CBPS variants

Projected Activities

- **FY07-09:** Procure and field systems

ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

Chemical Biological Protective Shelter (CBPS)

FOREIGN MILITARY SALES

None

CONTRACTORS

DRS Technologies (Parsippany, NJ)
Smiths Detection, Inc. (Edgewood, MD)

