

## USAMMDA INFORMATION PAPER

### PRODUCT: FUTURE MEDICAL SHELTER SYSTEM

**DESCRIPTION:** The Future Medical Shelter System (FMSS) is a multifaceted program designed to leverage Congressional funding to explore advanced rigid and soft-walled shelters for forward deployed healthcare providers. The scope of the FMSS program is (1) to develop a self-contained emergency response package concept, and (2) to develop a replacement for the Deployable Medical Systems (DEPMEDS) operating room shelter. Both of these efforts consist of chemically/biologically hardened ISO containers with quick erect/strike times and integrated electrical, water, and medical packages. Both efforts also provide 1200 square feet of soft tentage as patient care wards. These efforts reduce the weight of comparable systems and enhance the transportability and deployability of forward medical care.

**PROGRAM RELEVANCE to the ARMY:** This product supports both the core mission of the Army and the Army Campaign Plan. Of the Army's core competencies, this product supports "Forcible Entry Operations," "Sustained Land Dominance," and "Support of Civil Authorities." This product is intended to reduce the footprint of field hospitals by reducing the weight and number of airlift flights to deploy a field hospital and/or Forward Surgical Team. This is a major objective of the Army Transformation. The FMSS will be designed to be rapidly setup and packed for movement, as this is essential for tactical mobility. This product supports Future Operational Capabilities: MD-02-002 Hospitalization, MD-02-003 Medical Force Protection, and MD-02-004 Combat Health Logistics.

### ISSUES/ACTIONS:

- The Oak Ridge National Laboratory (ORNL) effort is focused toward a self-contained DEPMEDS operating room (OR) shelter and 60' of airbeam tentage. The airbeam tentage was delivered in October 2003, and the prototype OR shelter was unveiled in November 2003 at the Association of Military Surgeons of the United States (AMSUS) Conference.
- The Mobile Medical International Corporation (MMIC) effort is fabricating a self-contained DEPMEDS OR shelter with an integrated environmental control unit and 60' of airbeam tentage. Prototype delivery is scheduled for May 2004.
- The EADS-Dornier effort will focus on a modified version of the Trans-Hospital system. The developmental contract was awarded March 2004. The deliverable of this effort is fabrication drawings, which will be delivered in 2QFY05.

### ADDITIONAL INFORMATION:

**BPL #** 426

**DA PROJECT/TASK:** Trauma Management –  
PE/PROJ 643807/836JN

**MAMP RANK:** Not Ranked

**ARMY ORD:** Not required. This product was established by Congressional language.

### SCHEDULE:

Prototype Delivery (ORNL)	1QFY04
Prototype Delivery (MMIC)	3QFY04
Fabrication Drawings (EADS-Dornier)	TBD

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