

Chemical Biological Medical Systems–Diagnostics

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

Provides the warfighter with safe, robust, and affordable medical countermeasures against a broad spectrum of chemical, biological, radiological, and nuclear (CBRN) threats and uses government and commercial best practices to acquire Food and Drug Administration (FDA)-approved CBRN medical countermeasures and diagnostics.

DESCRIPTION

The Joint Biological Agent Identification and Diagnostic System (JBAIDS) is a reusable, portable, modifiable biological agent identification and diagnostic system capable of rapid, reliable, and simultaneous identification of multiple biological agents and other pathogens of operational concern. The ruggedized and hardened system is configured to support deployed medical personnel with the ability to identify specific biological organisms from clinical and environmental sources and samples. The JBAIDS anthrax, tularemia, brucellosis, and plague detection systems are FDA cleared for diagnostic

use. JBAIDS is operated throughout the combat zone by medical laboratory personnel.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **2QFY09:** National Guard fielding complete (26 systems)
- **4QFY09:** Emergency use authorization for Swine Flu (H1N1)
- **1QFY10:** FDA clearance for Avian Flu (H5N1) in vitro diagnostic (IVD) kit

PROJECTED ACTIVITIES

- **1QFY11:** FDA clearance for typhus IVD kit
- **4QFY11:** Complete Navy fielding (31 systems)
- **4QFY11:** FDA clearance for Q-fever IVD kit

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

**Chemical Biological Medical
Systems–Diagnostics****FOREIGN MILITARY SALES**

None

CONTRACTORS

Idaho Technologies (Salt Lake City, UT)

