

UNCLASSIFIED

Exhibit R-1, RDT&E Programs Defense Threat Reduction Agency Fiscal Year 2016-2020 Budget Estimates

Appropriation: RDT&E, Defense-Wide

Date: February 2015

OVERVIEW

The Defense Threat Reduction Agency (DTRA) is the Department of Defense's (DoD) Combat Support Agency and Defense Agency for countering weapons of mass destruction (CWMD).

DTRA safeguards the United States and its allies from global Weapons of Mass Destruction (WMD) threats by integrating, synchronizing, and providing responsive expertise, technologies, and capabilities. This mission directly reflects several national and Department of Defense guidance/vision documents. For Research, Development, Test and Evaluation (RDT&E), these documents include the National Security Strategy, 2012 Defense Strategic Guidance (*Sustaining U.S. Global Leadership: Priorities for 21st Century Defense*), 2014 Quadrennial Defense Review, National Strategy for Combating Terrorism, National Strategy for Countering Biological Threats, National Strategy for Biosurveillance, 2014 DoD Strategy for Countering WMD, and the 2010 Nuclear Posture Review.

DTRA's RDT&E budget request responds to warfighter needs and supports DTRA's chartered responsibilities and national commitments across the chemical, biological, radiological, nuclear, and high-yield explosives (CBRNE) spectrum. DTRA identifies and conducts innovative CWMD-related RDT&E to deliver products and services to the Combatant Commanders (CCDRs) and the Armed Services. The Agency's RDT&E portfolio includes a range of activities from basic research through system development and demonstration to deliver new CWMD technologies and capabilities to the warfighter. DTRA investigates, develops, and demonstrates innovative technologies and capabilities to actively counter or mitigate the full spectrum of CBRNE threats and/or effects; enhances the safety, security, survivability, and performance of U.S. nuclear assets and facilities; protects the warfighter from conventional or genetically engineered biological threats; preserves the warfighter's mission capability through physical and medical protection against chemical and biological agents; and executes quick reaction R&D projects that support combating and countering WMD initiatives. DTRA fosters and enables farsighted, high-payoff research focused on the unique challenges related to reducing, eliminating, countering, and mitigating the effects of WMD, and provides a robust fundamental knowledge base and understanding in the CWMD-related sciences.

The DTRA RDT&E portfolio is directly aligned to the Office of Management and Budget (OMB) and Office of Science and Technology Policy (OSTP) Science and Technology Priorities for FY 2016. In a memorandum dated July 18, 2014, OMB and OSTP outlined eight (8) multi-agency R&D priorities. The entire DTRA RDT&E portfolio directly supports the "National and Homeland Security" priority. While the DTRA portfolio indirectly supports other priorities, DTRA's CWMD mission is completely aligned with the "National and Homeland Security" priority, and all projects and programs in the FY 2016 RDT&E budget submission are conceived, implemented and managed to support this mission space.

Real purchasing power has declined over the past three years, thus requiring DTRA to focus on finding more efficiencies to achieve mission goals. The FY 2016 RDT&E budget submission seeks to balance long-term strategic priorities with increased present-day CWMD requirements and provides an objective, responsible path forward.