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<b>Fiscal Year (FY) 2005 Budget Estimates</b> <b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>	Date: February 2004
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Appropriation/Budget Activity RDT&E Defense Wide BA 3	R-1 Item Nomenclature: <b>* Explosives Demilitarization Technology</b> <b>PE0603104D8Z</b>
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Cost (\$ in millions)	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost	17.494	0.000	0.000	0.000	0.000	0.000	0.000
JDTP/P486	17.494	0.000	0.000	0.000	0.000	0.000	0.000

**A. Mission Description and Budget Item Justification:**

**\* In FY 2004, Explosive Demilitarization Technology program management and execution responsibilities transferred to the Army PE-0603103A resulting in a more appropriate policy-level role for OSD.**

(U) The Explosive Demilitarization Technology Program is a cooperative interservice, interagency effort focused as the sole Department of Defense (DoD) program dedicated to the development of safe, efficient and environmentally acceptable processes for the resource recovery and recycling (R3) or disposition of strategic, tactical, and conventional munitions including explosives, and rocket motors. Efforts in this program emphasize environmentally compliant technologies to enhance existing methods for munitions R3 and new technology alternatives over that of open burning/open detonation (OB/OD). There are currently over 500,000 tons of these materials requiring disposition with a forecast of over 700,000 tons to flow through the stockpile by 2009. This is funded under Advanced Technology Development based upon its support to the development and exploration of new munitions concepts and technology preceding system-engineering development.

(U) The effort employs the highly developed technology base in the DoD Service Laboratories and Technical Centers, the Department of Energy (DOE) National Laboratories, industry, and academia. The program is integrated with munitions through the leadership of the Joint Ordnance Commanders Munition Demilitarization/Disposal Subgroup and seeks to leverage support from the Department's Environmental Security Technology Certification Program (ESTCP), the Strategic Environmental Research and Development Program (SERDP), the Joint DoD/DOE Munitions Technology Development Program, and complementary investments from the Services science and technology programs. Each project is required to include a federal laboratory sponsor and is provided peer review by the Joint Working Group. The Demilitarization Users Group is utilized to assess and review ongoing and emergent demilitarization requirements for use in planning future investments for this

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program. The program supports an annual Global Demilitarization Symposium and Exhibition, which focuses on sharing of technology transfer opportunities, program technical reviews and data evaluation from ongoing projects and advanced demonstrations. This program was established pursuant to Section 226 of the National Defense Authorization Act Fiscal Year 1996 (Public Law 104-106) and Section 227 of the National Defense Authorization Act for Fiscal Year 1997 (Public Law 104-201). The program provides an annual report to the Congress, which provides a detailed plan update on technology investments, accomplishments, and future planned investment areas. Recent annual reports; FY 2000-Department of Defense Joint Demilitarization Technology Program (February 2001) and the FY 2001-Department of Defense Joint Demilitarization Technology Program (February 2002).

**Program Change Summary:**

	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
Previous President's Budget	18.205	0.000	0.000
Current FY 2005 President's Budget	17.494	0.000	0.000
Total Adjustments	-.711		
Congressional program reduction	-.711		
Congressional rescissions			
Congressional increases			
Reprogrammings			
SBIR/STTR Transfer			
Other			