

UNCLASSIFIED

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R-2 Exhibit)							DATE February 2000			
BUDGET ACTIVITY 4 - Demonstration and Validation				PE NUMBER AND TITLE 0603779A Environmental Quality Technology - Dem/Val				PROJECT D035		
COST (In Thousands)	FY1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY2004 Estimate	FY2005 Estimate	Cost to Complete	Total Cost	
D035 National Defense Center for Environmental Excellence (NDCEE)	0	0	4897	4883	4878	0	0	0	14658	
<p>A. <u>Mission Description and Justification:</u> This Congressionally mandated project is managed by the Army on behalf of the Office of the Deputy Under Secretary of Defense for Environmental Security (DUSD-ES). The mission of the NDCEE is four-fold: (1) Demonstrate and export new environmentally-acceptable technology to the industrial base; (2) train the industrial base on the use of the new technology; (3) perform research and development, where necessary, to mature a new technology prior to demonstrating and exporting the new technology to the industrial base and (4) assist DoD in technology transfer. The NDCEE, which is located in Johnstown, Pennsylvania, has the goal of resolving the environmental technology and management requirements of the DoD community and commercial industrial base. The primary in-house development agency is the U.S. Army Materiel Command's Armament Research, Development, and Engineering Center, Picatinny Arsenal, NJ.</p> <p>The NDCEE has positioned itself as a critical resource for the Deputy Under Secretary of Defense for Environmental Security for environmental management and technology validation and integration. Major programs supported by the Center include the Joint Group on Acquisition Pollution Prevention, Toxics Reduction Investment & Management (TRIM), environmental cost accounting standards development supporting the DOD sustainment community and the DoD fuel cell program.</p> <p>FY 1999 Accomplishments: Program funded in 0708045A, project E31 in FY 1999.</p> <p>FY 2000 Planned Program: An internal reprogramming action is in progress to transfer \$4.8M from PE 0708045A/project E31 to this PE/project for execution.</p> <p>FY 2001 Planned Program:</p> <ul style="list-style-type: none"> • 4897 - Support the needs of Army/DOD pollution prevention. <ul style="list-style-type: none"> - Maintain Environmental Technology Facility and continue demonstration of environmentally acceptable technologies. - Support pollution prevention efforts in acquisition. - Evaluate and transition as appropriate sustainable manufacturing technologies such as structural composite materials produced from renewable sources. - Increase capabilities in modeling using existing capabilities in visualization and 3D modeling. - Investigate and transition next generation finishing and coatings removal technologies. - Increase emphasis on water treatment and DOD-specific waste stream recovery and treatment. <p>Total 4897</p>										
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B. Program Change Summary	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>
Previous President's Budget (<u>FY 2000/2001 PB</u>)	0	0	0
Appropriated Value	0		
Adjustments to Appropriated Value			
a. a. Congressional General Reductions			
b. b. SBIR / STTR			
c. c. Omnibus or Other Above Threshold Reductions			
d. d. Below Threshold Reprogramming			
e. e. Rescissions			
Adjustments to Budget Years Since <u>FY 2000/2001 PB</u>		0	+4897
Current Budget Submit (<u>FY 2001 PB</u>)	0	0	4897

Change Summary Explanation: Funding – FY 2001: Program transferred to budget activity 4 (0603779A) from budget activity 7 (0708045A) as per Congressional direction in the National Defense Authorization Act for FY 1999.