

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

February 2003

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

03 - Advanced Technology Development (ATD)

0603723F Environmental Engineering Technology

2103

COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
2103 Environmental Quality Technology	0	1,187	0	0	0	0	0	0	0	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

Note: In FY 2000, the Air Force terminated this program. However, Congress restored \$1.5 million for environmental quality technology and added \$4.0 million for the Environmental Systems Management Analysis and Reporting Network (E-SMART) in FY 2000, added \$1.0 million for joint environmental clean-up in FY 2001, and added \$1.2 million for bioreactor technologies evaluation and testing in FY 2003.

(U) **A. Mission Description**

This program develops and demonstrates advanced technologies to address Air Force-unique environmental compliance, site remediation, and pollution prevention problems.

(U) **FY 2002 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program
 (U) \$0 No Activity
 (U) \$0 Total

(U) **FY 2003 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program
 (U) \$0 No Activity
 (U) \$1,187 Initiate Congressionally-directed effort to demonstrate bioreactor technologies to treat dilute aqueous waste streams and reduce the toxicity of wastewater.
 (U) \$1,187 Total

(U) **FY 2004 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program
 (U) \$0 No Activity
 (U) \$0 Total

Project 2103

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(U) **B. Budget Activity Justification**

This program is in Budget Activity 3, Advanced Technology Development, since it develops and demonstrates advanced technologies to address Air Force-unique environmental problems.

(U) **C. Program Change Summary (\$ in Thousands)**

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Total Cost</u>
(U) Previous President's Budget	0	0	0	
(U) Appropriated Value	0	1,200		
(U) Adjustments to Appropriated Value				
a. Congressional/General Reductions		-13		
b. Small Business Innovative Research				
c. Omnibus or Other Above Threshold Reprogram				
d. Below Threshold Reprogram				
e. Rescissions				
(U) Adjustments to Budget Years Since FY 2003 PBR				
(U) Current Budget Submit/FY 2004 PBR	0	1,187	0	TBD

(U) **Significant Program Changes:**

In FY 2000, the Air Force terminated this program. However, Congress restored \$1.5 million for environmental quality technology and added \$4.0 million for the Environmental Systems Management Analysis and Reporting Network (E-SMART) in FY 2000, added \$1.0 million for joint environmental clean-up in FY 2001, and added \$1.2 million for bioreactor technologies evaluation and testing in FY 2003.

(U) **D. Other Program Funding Summary (\$ in Thousands)**

(U) Related Activities:

(U) PE 0602102F, Materials.

(U) PE 0602202F, Human Effectiveness Applied Research.

(U) PE 0602203F, Aerospace Propulsion.

(U) PE 0603112F, Advanced Materials for Weapon Systems.

(U) PE 0603211F, Aerospace Structures.

(U) PE 0603231F, Crew Systems and Personnel Protection Technology.

(U) PE 0603716D, Strategic Environmental Research and Development Program.

(U) PE 0603851D, Environmental Security Technology Certification Program.

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BUDGET ACTIVITY 03 - Advanced Technology Development (ATD)	PE NUMBER AND TITLE 0603723F Environmental Engineering Technology	PROJECT 2103
<p>(U) <u>D. Other Program Funding Summary (\$ in Thousands)</u></p> <p>(U) PE 0604706F, Life Support Systems.</p> <p>(U) PE 0604708F, Other Operational Equipment.</p> <p>(U) This project has been coordinated through the Reliance process to harmonize efforts and eliminate duplication.</p> <p>(U) <u>E. Acquisition Strategy</u> Not Applicable.</p> <p>(U) <u>F. Schedule Profile</u></p> <p>(U) Not Applicable.</p>		
<p>Project 2103</p> <p>Page 3 of 3 Pages</p> <p>Exhibit R-2 (PE 0603723F)</p>		