

**UNCLASSIFIED**

PE NUMBER: 0603723F

PE TITLE: Environmental Engineering Technology

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>	DATE <b>February 2004</b>
---	------------------------------

<b>BUDGET ACTIVITY</b> <b>03 Advanced Technology Development (ATD)</b>	<b>PE NUMBER AND TITLE</b> <b>0603723F Environmental Engineering Technology</b>
---	--

Cost (\$ in Millions)	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	1.152	1.190	0.000	0.000	0.000	0.000	0.000	0.000	TBD
2103 Environmental Quality Technology	1.152	1.190	0.000	0.000	0.000	0.000	0.000	0.000	TBD

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, added \$1.2 million for Bioreactor Technologies Evaluation and Testing in FY 2003, and added \$1.2 million for Bioreactor Demonstrations and Deployments in FY 2004.

(U) **A. Mission Description and Budget Item Justification**

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

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

(U) **B. Program Change Summary (\$ in Millions)**

	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
(U) Previous President's Budget	1.187	0.000	0.000
(U) Current PBR/President's Budget	1.152	1.190	0.000
(U) Total Adjustments	-0.035	1.190	
(U) Congressional Program Reductions			
Congressional Rescissions		-0.010	
Congressional Increases		1.200	
Reprogrammings			
SBIR/STTR Transfer	-0.035		

(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, added \$1.2 million for Bioreactor Technologies Evaluation and Testing in FY 2003, and added \$1.2 million for Bioreactor Demonstrations and Deployments in FY 2004.

**Exhibit R-2a, RDT&E Project Justification**

DATE  
**February 2004**

BUDGET ACTIVITY <b>03 Advanced Technology Development (ATD)</b>				PE NUMBER AND TITLE <b>0603723F Environmental Engineering Technology</b>			PROJECT NUMBER AND TITLE <b>2103 Environmental Quality Technology</b>		
Cost (\$ in Millions)	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total
2103 Environmental Quality Technology	1.152	1.190	0.000	0.000	0.000	0.000	0.000	0.000	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

**(U) A. Mission Description and Budget Item Justification**

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

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

**(U) B. Accomplishments/Planned Program (\$ in Millions)**

	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
(U) CONGRESSIONAL ADD: Bioreactor Technologies Evaluation and Testing	1.152	1.190	0.000
(U) In FY 2003: Initiate Congressionally-directed effort to demonstrate bioreactor technologies to treat dilute aqueous waste streams and reduce the toxicity of wastewater.			
(U) In FY 2004: Continue Congressionally-directed effort to demonstrate bioreactor technologies to treat dilute aqueous waste streams and reduce the toxicity of wastewater.			
(U) In FY 2005: No planned activity.			
(U) Total Cost	1.152	1.190	0.000

**(U) C. Other Program Funding Summary (\$ in Millions)**

	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Cost to Complete</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>		
(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.									

## Exhibit R-2a, RDT&amp;E Project Justification

DATE

February 2004

BUDGET ACTIVITY

**03 Advanced Technology Development (ATD)**

PE NUMBER AND TITLE

**0603723F Environmental Engineering  
Technology**

PROJECT NUMBER AND TITLE

**2103 Environmental Quality  
Technology****(U) C. Other Program Funding Summary (\$ in Millions)**

PE 0603231F, Crew Systems

**(U)** and Personnel Protection  
Technology.

PE 0603716D, Strategic

**(U)** Environmental Research and  
Development Program.

PE 0603851D, Environmental

**(U)** Security Technology  
Certification Program.PE 0604706F, Life Support  
Systems.**(U)** PE 0604708F, Other  
Operational Equipment.This project has been  
coordinated through the**(U)** Reliance process to harmonize  
efforts and eliminate  
duplication.**(U) D. Acquisition Strategy**

Not Applicable.