

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)									DATE June 2001		
BUDGET ACTIVITY 03 - Advanced Technology Development					PE NUMBER AND TITLE 0603723F Environmental Engineering Technology					PROJECT 2103	
COST (\$ in Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost	
2103 Environmental Quality Technology	5,313	991	0	0	0	0	0	0	0	TBD	
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0	
<p>Note: In FY 2000, the Air Force terminated this program. However, Congress added \$1.5 million to restore this program and another \$4.0 million for Environmental Systems Management Analysis and Reporting Network (E-SMART). In FY 2001, Congress added another \$1.0 million for joint environmental clean-up. FY 2003 - FY 2007 budget numbers do not reflect the DoD strategy review results.</p> <p>(U) <u>A. Mission Description</u> This program develops and demonstrates advanced technologies to address Air Force-unique environmental compliance, site remediation, and pollution prevention problems. Note: In FY 2001, Congress added \$1.0 million for Joint Environmental Clean-up.</p> <p>(U) <u>FY 2000 (\$ in Thousands)</u></p> <p>(U) \$1,449 Developed novel reactor systems to reduce weapon system life cycle costs for logistics and sustainment. Developed rapid Mixed Base Hydrogen Peroxide production in support of directed energy weapon systems. Developed deployable waste management systems for Air Expeditionary Forces.</p> <p>(U) \$3,864 Eliminated hardware, software, and data format incompatibilities by defining an universal architecture for constructing modular monitoring networks applicable to fixed installations and deployed 'bare base' operations. Demonstrated an automated hazard warning and response capability suitable for use in fixed base and deployed operations. Validated the Environmental Systems Management Analysis and Reporting Network (E-SMART) as a viable architecture for warning of operational toxic materials.</p> <p>(U) \$5,313 Total</p> <p>(U) <u>FY 2001 (\$ in Thousands)</u></p> <p>(U) \$991 Develop technologies for Joint Environmental Clean-up.</p> <p>(U) \$991 Total</p> <p>(U) <u>FY 2002 (\$ in Thousands)</u></p> <p>(U) \$0 No Activity</p> <p>(U) \$0 Total</p>											
<div style="display: flex; justify-content: space-between;"> Project 2103 Page 1 of 3 Pages Exhibit R-2 (PE 0603723F) </div>											

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)				DATE June 2001																																																							
BUDGET ACTIVITY 03 - Advanced Technology Development	PE NUMBER AND TITLE 0603723F Environmental Engineering Technology			PROJECT 2103																																																							
<p>(U) <u>B. Budget Activity Justification</u> This program is in Budget Activity 3, Advanced Technology Development, since it develops and demonstrates advanced technologies to address Air Force-unique environmental problems.</p> <p>(U) <u>C. Program Change Summary (\$ in Thousands)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 55%;"></th> <th style="width: 10%; text-align: center;"><u>FY 2000</u></th> <th style="width: 10%; text-align: center;"><u>FY 2001</u></th> <th style="width: 10%; text-align: center;"><u>FY 2002</u></th> <th style="width: 15%; text-align: center;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Previous President's Budget (FY 2001 PBR)</td> <td style="text-align: center;">5,435</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td>(U) Appropriated Value</td> <td style="text-align: center;">5,500</td> <td style="text-align: center;">1,000</td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> a. Congressional/General Reductions</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> b. Small Business Innovative Research</td> <td style="text-align: center;">-130</td> <td></td> <td></td> <td></td> </tr> <tr> <td> c. Omnibus or Other Above Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> d. Below Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> e. Rescissions</td> <td style="text-align: center;">-57</td> <td style="text-align: center;">-9</td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Budget Years Since FY 2001 PBR</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td>(U) Current Budget Submit/FY 2002 PBR</td> <td style="text-align: center;">5,313</td> <td style="text-align: center;">991</td> <td style="text-align: center;">0</td> <td style="text-align: center;">TBD</td> </tr> </tbody> </table> <p>(U) <u>Significant Program Changes:</u> In FY 2000, the Air Force terminated this program. However, Congress added \$1.5 million to restore this program and another \$4.0 million for Environmental Systems Management Analysis and Reporting Network (E-SMART). In FY 2001, Congress added another \$1.0 million for joint environmental clean-up.</p> <p>(U) <u>D. Other Program Funding Summary (\$ in Thousands)</u></p> <p>(U) Related Activities:</p> <p>(U) PE 0602102F, Materials.</p> <p>(U) PE 0602202F, Human Effectiveness Applied Research.</p> <p>(U) PE 0602203F, Aerospace Propulsion.</p> <p>(U) PE 0603112F, Advanced Materials for Weapon Systems</p> <p>(U) PE 0603211F, Aerospace Structures.</p> <p>(U) PE 0603231F, Crew Systems and Personnel Protection Technology.</p> <p>(U) PE 0603716D, Strategic Environmental Research and Development Program.</p> <p>(U) PE 0603851D, Environmental Security Technology Certification Program</p> <p>(U) PE 0604706F, Life Support Systems.</p>						<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Total Cost</u>	(U) Previous President's Budget (FY 2001 PBR)	5,435	0	0		(U) Appropriated Value	5,500	1,000			(U) Adjustments to Appropriated Value					a. Congressional/General Reductions					b. Small Business Innovative Research	-130				c. Omnibus or Other Above Threshold Reprogram					d. Below Threshold Reprogram					e. Rescissions	-57	-9			(U) Adjustments to Budget Years Since FY 2001 PBR			0		(U) Current Budget Submit/FY 2002 PBR	5,313	991	0	TBD
	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Total Cost</u>																																																							
(U) Previous President's Budget (FY 2001 PBR)	5,435	0	0																																																								
(U) Appropriated Value	5,500	1,000																																																									
(U) Adjustments to Appropriated Value																																																											
a. Congressional/General Reductions																																																											
b. Small Business Innovative Research	-130																																																										
c. Omnibus or Other Above Threshold Reprogram																																																											
d. Below Threshold Reprogram																																																											
e. Rescissions	-57	-9																																																									
(U) Adjustments to Budget Years Since FY 2001 PBR			0																																																								
(U) Current Budget Submit/FY 2002 PBR	5,313	991	0	TBD																																																							
<div style="display: flex; justify-content: space-between;"> Project 2103 Page 2 of 3 Pages Exhibit R-2 (PE 0603723F) </div>																																																											

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)		DATE June 2001
BUDGET ACTIVITY 03 - Advanced Technology Development	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 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> Not Applicable.</p>		
<p>Project 2103</p> <p>Page 3 of 3 Pages</p> <p>Exhibit R-2 (PE 0603723F)</p>		