#### **UNCLASSIFIED**

PE NUMBER: 0603723F

PE TITLE: Environmental Engineering Technology

| Exhibit R-2, RDT&E Budget Item Justification |   |                   |                     |                     |                     |                       |                     | DATE                | February         | 2006  |
|--|---|-------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|------------------|-------|
|  | BUDGET ACTIVITY PE NUMBER 03 Advanced Technology Development (ATD) 0603723F |                   |                     |                     |                     | TITLE<br>ironmental E | ngineering T        | echnology           |                  |       |
|  | Cost (\$ in Millions)   | FY 2005<br>Actual | FY 2006<br>Estimate | FY 2007<br>Estimate | FY 2008<br>Estimate | FY 2009<br>Estimate   | FY 2010<br>Estimate | FY 2011<br>Estimate | Cost to Complete | Total |
|  | Total Program Element (PE) Cost   | 0.000             | 1.873               | 0.000               | 0.000               | 0.000                 | 0.000               | 0.000               | Continuing       | TBD   |
| 2103   | Environmental Quality Technology  | 0.000             | 1.873               | 0.000               | 0.000               | 0.000                 | 0.000               | 0.000               | Continuing       | TBD   |

Note: In FY 2000, the Air Force terminated this program. However, Congress has added funds for Congressionally-directed efforts since FY 2000. Funds for the FY 2006 Congressionally-directed Massively Parallel Optical Interconnects (MPOI) for Battlespace Information Exchange in the amount of \$1.9 million are in the process of being moved to PE 0603789F, C3I Advanced Development, from PE 0603723F, Environmental Engineering Technology, for execution.

## (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.

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

| l   |                                  | <u>FY 2005</u> | <u>FY 2006</u> | <u>FY 2007</u> |
|-----|----------------------------------|----------------|----------------|----------------|
| (U) | Previous President's Budget      | 0.000          | 0.000          | 0.000          |
| (U) | Current PBR/President's Budget   | 0.000          | 1.873          | 0.000          |
| (U) | Total Adjustments                | 0.000          | 1.873          |                |
| (U) | Congressional Program Reductions |                |                |                |

**Congressional Rescissions** -0.027Congressional Increases 1.900

Reprogrammings

SBIR/STTR Transfer

#### Significant Program Changes:

In FY 2000, the Air Force terminated this program. However, Congress has added funds for Congressionally-directed efforts since FY 2000.

#### C. Performance Metrics

Under Development.

R-1 Shopping List - Item No. 31-1 of 31-2

Exhibit R-2 (PE 0603723F

#### **UNCLASSIFIED**

| Exhibit R-2a, RDT&E Project Justification |                                  |         |          |          |  |          |          | DATE       | DATE February 2006 |       |  |
|---|----------------------------------|---------|----------|----------|--|----------|----------|------------|--------------------|-------|--|
| BUDGET ACTIVITY                           |                                  |         |          |          |  |          |          |            | T NUMBER AND TITLE |       |  |
| U3 Adv                                    |                                  |         |          |          | 0603723F Environmental Engineering 2<br>Technology T |          |          | Technology |                    |       |  |
|   | Cost (\$ in Millions)            | FY 2005 | FY 2006  | FY 2007  | FY 2008  | FY 2009  | FY 2010  | FY 2011    | Cost to            | Total |  |
| Cost (\$ in willions)                     |                                  | Actual  | Estimate | Estimate | Estimate   | Estimate | Estimate | Estimate   | Complete           |       |  |
| 2103                                      | Environmental Quality Technology | 0.000   | 1.873    | 0.000    | 0.000  | 0.000    | 0.000    | 0.000      | Continuing         | TBD   |  |
|   | Quantity of RDT&E Articles       | 0       | 0        | C        | 0  | 0        | 0        | 0          |                    |       |  |

Note: In FY 2000, the Air Force terminated this program. However, Congress has added funds for Congressionally-directed efforts since FY 2000.

## (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.

| $(\mathbf{U})$ | B. Accomplishments/Planned Program (\$ in Millions)             | <u>FY 2005</u> | FY 2006 | FY 2007 |
|----------------|---|----------------|---------|---------|
| (U)            | ) CONGRESSIONAL ADD: MPOI for Battlespace Information Exchange. | 0.000          | 1.873   | 0.000   |

- (U) In FY 2005: Not Applicable.
- (U) In FY 2006: Conduct Congressionally-directed effort for MPOI for Battlespace Information Exchange.
- (U) In FY 2007: Not Applicable.
- (U) Total Cost 0.000 1.873 0.000

# (U) <u>C. Other Program Funding Summary (\$ in Millions)</u>

| FY 2005 | FY 2006  | FY 2007  | FY 2008  | FY 2009  | FY 2010  | FY 2011  | Cost to Total (  | ¬ost        |
|---------|----------|----------|----------|----------|----------|----------|------------------|-------------|
| Actual  | Estimate | Estimate | Estimate | Estimate | Estimate | Estimate | Complete Total C | <u>_OSt</u> |

(U) Related Activities:

Not Applicable.

# (U) D. Acquisition Strategy

Not Applicable.

 Project 2103
 R-1 Shopping List - Item No. 31-2 of 31-2
 Exhibit R-2a (PE 0603723F)