

## UNCLASSIFIED

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>		Date: February 2007
<b>APPROPRIATION/BUDGET ACTIVITY</b> RDT&E, Defense-Wide/RDT&E Management Support – BA6		<b>R-1 ITEM NOMENCLATURE:</b> Small Business Innovative Research; 0605502BR

Cost (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
<b>Total 0605502BR Cost</b>	<b>6.579</b>	<b>0.000</b>						
BB - Small Business Innovative Research	6.579	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RA - Small Business Innovative Research	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\*In year of execution, funding is executed under PE 0605502BR "Small Business Innovative Research (SBIR)". In FY 2008, Project changes from BB to RA.

**A. Mission Description and Budget Item Justification:**

This project provides the means for stimulating technological innovation in the private sector, strengthens the role of small business in meeting DoD R&D needs; fosters and encourages participation of minority and disadvantaged businesses in technological innovation; and increases the commercial application of DoD supported R&D results. These efforts are responsive to Public Law 106-554.

**B. Program Change Summary:**

(\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009
<b>Previous President's Budget</b>	<b>5.318</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Current President's Budget</b>	<b>6.579</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Total Adjustment</b>	<b>1.261</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Congressional program reductions</b>				
<b>Congressional reductions</b>				
<b>Congressional increases</b>				
<b>Reprogramming</b>				
<b>SBIR/STTR Transfer</b>	<b>1.261</b>			
<b>Other program adjustments</b>				

UNCLASSIFIED

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>		Date: February 2007
<b>APPROPRIATION/BUDGET ACTIVITY</b> RDT&E, Defense-Wide/RDT&E Management Support – BA6	<b>R-1 ITEM NOMENCLATURE:</b> Small Business Innovative Research; 0605502BR	

**Change Summary Explanation:**

- Funding for FY 2006 for the Small Business Innovative Research Program has been consolidated in this program element for execution.

**C. Other Program Funding Summary:** See Exhibit R-2a.

**D. Acquisition Strategy:** Not Applicable.

**E. Performance Metrics:** Program cost, schedule and performance are measured using a systematic approach with approved programs and methods. The results of these measurements are presented to DTRA management on a regular basis to determine program effectiveness and to provide new direction as needed to ensure the efficient use of resources. Program specific performance metrics are outlined within each project description.

UNCLASSIFIED

<b>Exhibit R-2a, RDT&amp;E Project Justification</b>		Date: February 2007
<b>APPROPRIATION/BUDGET ACTIVITY</b> RDT&E, Defense-Wide/RDT&E Management Support – BA6	<b>PROJECT NAME AND NUMBER: 0605502BR</b> Project BB – Small Business Innovative Research	

Cost (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
BB - Small Business Innovative Research	6.579	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\* In year of execution, funding is executed under PE 0605502BR “Small Business Innovative Research (SBIR)”.

**A. Mission Description and Budget Item Justification:**

This project provides the means for stimulating technological innovation in the private sector, strengthens the role of small business in meeting DoD R&D needs; fosters and encourages participation of minority and disadvantaged businesses in technological innovation; and increases the commercial application of DoD supported R&D results. These efforts are responsive to Public Law 106-554.

**B. Accomplishments/Planned Program:**

Cost (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009
BB - Small Business Innovative Research	6.579	0.000	0.000	0.000

\*In year of execution, funding is executed under PE 0605502BR “Small Business Innovative Research (SBIR)”.

**Performance Metrics:**

- Number of phase I awards supporting innovative technology development.
- Number of phase II and III awards leading to technology transition.

**FY 2006 Accomplishments:**

- Awarded 22 Phase I SBIR contracts to perform feasibility studies on FY 2005 topics.
- Awarded four Phase II SBIR contracts to perform full R&D on successful FY 2004 Phase I efforts in chemical/biological detection, neutron detection, and computational techniques supporting counterproliferation.
- Continued execution of FY 2004 Phase I and FY 2003 Phase II SBIR contract awards.

**FY 2007 Plans:**

- Not Applicable.

UNCLASSIFIED

<b>Exhibit R-2a, RDT&amp;E Project Justification</b>		Date: February 2007
<b>APPROPRIATION/BUDGET ACTIVITY</b> RDT&E, Defense-Wide/RDT&E Management Support – BA6	<b>PROJECT NAME AND NUMBER:</b> 0605502BR Project BB – Small Business Innovative Research	

**FY 2008 Plans:**

- Not Applicable.

**FY 2009 Plans:**

- Not Applicable.

**C. Other Program Funding Summary:** Not Applicable.

**D. Acquisition Strategy:** Not Applicable.

**E. Major Performers:** Not Applicable.

UNCLASSIFIED

<b>Exhibit R-2a, RDT&amp;E Project Justification</b>		Date: February 2007
<b>APPROPRIATION/BUDGET ACTIVITY</b> RDT&E, Defense-Wide/RDT&E Management Support – BA6	<b>PROJECT NAME AND NUMBER:</b> 0605502BR Project RA – Small Business Innovative Research	

Cost (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
RA - Small Business Innovative Research	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\* In year of execution, funding is executed under PE 0605502BR “Small Business Innovative Research (SBIR)”. Project RA begins in FY 2008.

**A. Mission Description and Budget Item Justification:**

This project provides the means for stimulating technological innovation in the private sector, strengthens the role of small business in meeting DoD R&D needs; fosters and encourages participation of minority and disadvantaged businesses in technological innovation; and increases the commercial application of DoD supported R&D results. These efforts are responsive to Public Law 106-554.

**B. Accomplishments/Planned Program:**

Cost (\$ in Millions)	FY 2006	FY 2007	FY 2008	FY 2009
RA - Small Business Innovative Research	0.000	0.000	0.000	0.000

\*In year of execution, funding is executed under PE 0605502BR “Small Business Innovative Research (SBIR)”.

**Performance Metrics:**

- Number of phase I awards supporting innovative technology development.
- Number of phase II and III awards leading to technology transition.

**FY 2006 Accomplishments:**

- Not Applicable. See Project BB.

**FY 2007 Plans:**

- Not Applicable.

**FY 2008 Plans:**

- Not Applicable.

UNCLASSIFIED

<b>Exhibit R-2a, RDT&amp;E Project Justification</b>		Date: February 2007
<b>APPROPRIATION/BUDGET ACTIVITY</b> RDT&E, Defense-Wide/RDT&E Management Support – BA6	<b>PROJECT NAME AND NUMBER: 0605502BR</b> Project RA – Small Business Innovative Research	

**FY 2009 Plans:**

- Not Applicable.

**C. Other Program Funding Summary:** Not Applicable.

**D. Acquisition Strategy:** Not Applicable.

**E. Major Performers:** Not Applicable.