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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2017 Defense Threat Reduction Agency **Date:** February 2016

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide / BA 6:</i> <i>RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605502BR / <i>Small Business Innovation Research</i>
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	29.006	9.606	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
RA: <i>Information Sciences and Applications</i>	29.006	9.606	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

**Note**

Funding for this program element is not allocated until the year of execution. Program Element 0605502BR "Small Business Innovative Research" is used in reporting year-end actual expenses only.

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

The Small Business Innovative Research (SBIR) and the Small Business Technology Transfer (STTR) programs provide the means for stimulating technological innovation in the private sector, strengthens the role of small business in meeting the Department of Defense (DoD) research and development needs; fosters and encourages participation of minority and disadvantaged businesses in technological innovation; and increases the commercial application of the DoD supported research and development results. These efforts are responsive to Public Law 106-554.

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

	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	9.606	0.000	0.000	-	0.000
Total Adjustments	9.606	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	9.606	-			

**Change Summary Explanation**

Funding for the SBIR Program is consolidated in this program element during the year of execution.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2017 Defense Threat Reduction Agency										<b>Date:</b> February 2016		
<b>Appropriation/Budget Activity</b> 0400 / 6					<b>R-1 Program Element (Number/Name)</b> PE 0605502BR / <i>Small Business Innovation Research</i>			<b>Project (Number/Name)</b> RA / <i>Information Sciences and Applications</i>				
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
RA: <i>Information Sciences and Applications</i>	29.006	9.606	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

\*Funding is not allocated until the year of execution. Program Element 0605502BR "Small Business Innovative Research (SBIR)" is used in reporting year-end actual expenses only.

**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 the Department of Defense (DoD) research and development needs; fosters and encourages participation of minority and disadvantaged businesses in technological innovation; and increases the commercial application of the DoD supported research and development results. These efforts are responsive to Public Law 106-554.

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

	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017</b>
<b>Title:</b> RA: Information Sciences and Applications	9.606	-	-
<b>Description:</b> This project provides the means for stimulating technological innovation in the private sector, strengthens the role of small business in meeting the DoD research and development needs; fosters and encourages participation of minority and disadvantaged businesses in technological innovation; and increases the commercial application of the DoD supported research and development results. These efforts are responsive to Public Law 106-554.			
<b>FY 2015 Accomplishments:</b> - Improved microchip production methods applicable to radiation hardened components. - Developed non-Helium-3 neutron/gamma detectors (PM nominated for R&D 100 award, received Value Engineering Award)			
Phase I contract awards from qualified proposals - SBIR 14.3 solicitation: 8 awards - STTR solicitation: 10 awards			
Phase II contract awards from qualified proposals - SBIR 12.2 solicitation: 7 awards - SBIR 10.2 solicitation: 2 awards			
<b>Accomplishments/Planned Programs Subtotals</b>	9.606	-	-

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**Exhibit R-2A, RDT&E Project Justification:** PB 2017 Defense Threat Reduction Agency **Date:** February 2016

<b>Appropriation/Budget Activity</b> 0400 / 6	<b>R-1 Program Element (Number/Name)</b> PE 0605502BR / <i>Small Business Innovation Research</i>	<b>Project (Number/Name)</b> RA / <i>Information Sciences and Applications</i>
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**C. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u> <u>Base</u>	<u>FY 2017</u> <u>OCO</u>	<u>FY 2017</u> <u>Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• 20/0602718BR: <i>WMD Defeat Technologies</i>	26.334	29.432	29.127	-	29.127	33.255	33.513	30.990	31.405	Continuing	Continuing
• 27/0603160BR: <i>Counterproliferation Initiatives - Proliferation, Prevention and Defeat</i>	0.250	12.244	11.422	-	11.422	11.323	12.761	13.004	13.266	Continuing	Continuing

**Remarks**

**D. Acquisition Strategy**

N/A

**E. Performance Metrics**

N/A

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