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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2015 United States Special Operations Command **Date:** March 2014

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>					<b>R-1 Program Element (Number/Name)</b> PE 1160279BB <i>I Small Business Innovative Research</i>							
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO #</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	151.492	10.995	10.446	-	-	-	-	-	-	-	Continuing	Continuing
S050: <i>Small Business Innovative Research</i>	151.492	10.995	9.147	-	-	-	-	-	-	-	Continuing	Continuing
S051: <i>Small Business Technology Transfer</i>	-	-	1.299	-	-	-	-	-	-	-	Continuing	Continuing

# The FY 2015 OCO Request will be submitted at a later date.

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

This program element consists of a highly competitive three-phase award system that provides qualified small business concerns with the opportunity to propose high quality innovative ideas that meet specific research and development needs of USSOCOM. Small Business Innovative Research (SBIR) is a result of the Small Business Development Act of 1992. It was enacted by Congress in Public Law 97-219, reenacted by Public Law 99-443, and reauthorized by the SBIR Program Reauthorization Act of 2012. Starting in FY 1994, the SBIR program was refocused toward dual use and defense reinvestment efforts. Phase I projects evaluate the scientific technical merit and feasibility of an idea. Phase II projects expand the results of, and further pursue, the developments of Phase I. Phase III is for commercialization of the results of Phase II and requires the use of private or non-SBIR federal funding. USSOCOM participates annually in the DoD Request for Proposal process. USSOCOM then awards its proposed SBIR projects. FY 2014 is the first year USSOCOM is participating in the Small Business Technology Transfer (STTR) program. The STTR goal is to expand public/private sector partnerships between small business and nonprofit U.S. research institutions.

<b><u>B. Program Change Summary (\$ in Millions)</u></b>	<b><u>FY 2013</u></b>	<b><u>FY 2014</u></b>	<b><u>FY 2015 Base</u></b>	<b><u>FY 2015 OCO</u></b>	<b><u>FY 2015 Total</u></b>
Previous President's Budget	-	-	-	-	-
Current President's Budget	10.995	10.446	-	-	-
Total Adjustments	10.995	10.446	-	-	-
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	10.995	10.446			

## **Change Summary Explanation**

Funding:

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 United States Special Operations Command		Date: March 2014
Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 1160279BB / Small Business Innovative Research	
<p>FY 2013: Increase of \$10.995 million is due to reprogramming from various program elements for the congressionally mandated Small Business Innovative Research Program.</p> <p>FY 2014: Increase of \$10.446 million is due to reprogramming from various program elements for the congressionally mandated Small Business Innovative Research (\$9.147 million) and Small Business Technology Transfer (\$1.299 million) programs.</p> <p>Schedule: None.</p> <p>Technical: None</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2015 United States Special Operations Command										Date: March 2014		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 1160279BB / Small Business Innovative Research				Project (Number/Name) S050 / Small Business Innovative Research			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
S050: Small Business Innovative Research	151.492	10.995	9.147	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
This program element consists of a highly competitive three-phase award system that provides qualified small business concerns with the opportunity to propose high quality innovative ideas that meet specific research and development needs of USSOCOM. Small Business Innovative Research (SBIR) is a result of the Small Business Development Act of 1992. It was enacted by Congress in Public Law 97-219, reenacted by Public Law 99-443, and reauthorized by the SBIR Program Reauthorization Act of 2012. Starting in FY 1994, the SBIR program was refocused toward dual use and defense reinvestment efforts. Phase I projects evaluate the scientific technical merit and feasibility of an idea. Phase II projects expand the results of, and further pursue, the developments of Phase I. Phase III is for commercialization of the results of Phase II and requires the use of private or non-SBIR federal funding. USSOCOM participates annually in the DoD Request for Proposal process. USSOCOM then awards its proposed SBIR projects.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2013	FY 2014	FY 2015	
Title: Small Business Innovative Research (SBIR)									10.995	9.147	-	
FY 2013 Accomplishments: Awarded numerous Phase I and Phase II contracts for SBIR topics: Enhanced Small Arms Ammo, Small Team C3SA, Low Visibility Decoy Flare, Abrasion Laceration and Puncture Protection, Clean Green Chem Bio Def Nano Tech, Ka-Band Spread Spectrum, Innovative NIR/SWIR Sensor Dual Speed Read Out IC (ROIC), Family of Sub-Sonic Ammunition, Portal Computing, Bi-metal Gun Barrel, Prototype for Sampling and Mass Spectrometric Analysis for Forward Operating Base Laboratory, and Tactical Assault Light Operator Suit Passive Exoskeleton.												
FY 2014 Plans: Award numerous Phase I and Phase II contracts and contract options for SBIR topics: Helicopter Hostile Fire Indicator, Nano Scale Coatings, Over-the-Horizon Underwater Communications, Advanced Medical Microelectronics, Next Generation Portable Power Amplifier, Family of Sub-Sonic Ammunition, 50 Caliber Ammunition, Advanced Transparent Armor, Advanced Opaque Armor, Hydrogen Generation from Water, High Performance Marine Diesel, and Low Acoustic Signature.												
Accomplishments/Planned Programs Subtotals									10.995	9.147	-	
C. Other Program Funding Summary (\$ in Millions)												
N/A												

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2015 United States Special Operations Command		<b>Date:</b> March 2014
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<b>C. Other Program Funding Summary (\$ in Millions)</b>		
<b>Remarks</b>		
<b>D. Acquisition Strategy</b> N/A		
<b>E. Performance Metrics</b> N/A		

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<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 1160279BB / <i>Small Business Innovative Research</i>				<b>Project (Number/Name)</b> S051 / <i>Small Business Technology Transfer</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015 Base</b>	<b>FY 2015 OCO #</b>	<b>FY 2015 Total</b>	<b>FY 2016</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
S051: <i>Small Business Technology Transfer</i>	-	-	1.299	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
# The FY 2015 OCO Request will be submitted at a later date.												
<b>A. Mission Description and Budget Item Justification</b> FY 2014 is the first year USSOCOM is participating in the Small Business Technology Transfer (STTR) program. STTR goal is the expand public/private sector partnerships between small business and nonprofit U.S. research institutions.												
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>										<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>
<b>Title:</b> Small Business Technology Transfer (STTR)										-	1.299	-
<b>FY 2014 Plans:</b> Award contracts on mulitple efforts.												
<b>Accomplishments/Planned Programs Subtotals</b>										-	1.299	-
<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A												
<b>Remarks</b>												
<b>D. Acquisition Strategy</b> N/A												
<b>E. Performance Metrics</b> N/A												