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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2013 United States Special Operations Command	<b>DATE:</b> February 2012
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 1160480BB: <i>SOF Tactical Vehicles</i>
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COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	0.964	3.522	11.325	-	11.325	8.110	2.329	2.368	2.408	Continuing	Continuing
S910: <i>SOF Tactical Vehicles</i>	0.964	3.522	11.325	-	11.325	8.110	2.329	2.368	2.408	Continuing	Continuing

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

This program element provides for the development and testing of a variety of spiral upgrades to Special Operations Vehicles and ancillary equipment. The current SOF tactical vehicles include: All Terrain Vehicles and Lightweight Tactical All Terrain Vehicles (Individual), Light Mobility Vehicles (Light), Ground Mobility Vehicles (Medium), Non-Standard Commercial Vehicles (Commercial) for use in tactical missions, and Mine Resistant Ambush Protected Vehicles (Heavy). The SOF mission mandates that SOF vehicles remain technologically superior, operate in multiple environments and be able to meet any threat to provide a maximum degree of survivability.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>
Previous President's Budget	1.994	3.522	3.819	-	3.819
Current President's Budget	0.964	3.522	11.325	-	11.325
Total Adjustments	-1.030	-	7.506	-	7.506
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-1.000	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.030	-			
• Other Adjustments	-	-	7.506	-	7.506

**Change Summary Explanation**

Funding:

FY 2011: Net decrease of -\$1.030 million due to Congressional reduction (-\$1.000 million) and Small Business Innovative Research transfer of (-\$0.030 million).

FY 2012: No change.

FY 2013: Increase of \$7.370 million supports Medium Mobility Vehicle (Ground Mobility Vehicle 1.1) system development, engineering and test (\$4.000 million), Mine Resistant Ambush Protected (MRAP) vehicle SOF peculiar integration kit development (\$3.370 million) and an economic assumption increase of \$0.136 million.

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<div>Schedule: None.</div> <div>Technical: None.</div>		

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 United States Special Operations Command	<b>DATE:</b> February 2012
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT			
0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>				PE 1160480BB: <i>SOF Tactical Vehicles</i>				S910: <i>SOF Tactical Vehicles</i>			
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
S910: <i>SOF Tactical Vehicles</i>	0.964	3.522	11.325	-	11.325	8.110	2.329	2.368	2.408	Continuing	Continuing
Quantity of RDT&E Articles											

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

This project develops, tests, and evaluates Special Operations vehicles and modifications. The Special Operations Forces (SOF) mission mandates that SOF vehicles remain technologically superior, operate in multiple environments and be able to meet any threat to provide a maximum degree of survivability. The current family of SOF tactical vehicles include: individual mobility vehicles, light mobility vehicles, medium mobility vehicles, non-standard commercial vehicles and heavy mobility vehicles. Sub-projects include:

- Family of Special Operations Vehicles (FSOV). This initiative provides for product improvements in the areas of suspension, power management, armor protection and unique vehicle design for all SOF tactical vehicle configurations. Designs must be standardized across all SOF Components that utilize a tactical vehicle. Improvements include, but are not limited to, new engineering change proposals (ECPs), field safety issues and theater endorsed requirements that make it essential to keep up with the increased weight and minimize the impact to mobility on the basic vehicle. Develop, integrate and test C4ISR systems in order to reduce space and power claim on vehicles. Develop safety and engineering improvements that specifically address the enemy's changing tactics on the battlefield which typically focuses on survivability, force protection, or mobility. Efforts include, but are not limited to, the following:
  - Medium Mobility Vehicle Version 1.1. This effort provides for a projected multi-vendor award to acquire product samples for a medium vehicle variant capable of meeting specific requirements of internal aircraft transport on the C/MH47. The effort also provides for engineering costs related to performance, endurance, safety testing, integration and logistical analysis of product samples.
  - Mine Resistant Ambush Protected (MRAP) Vehicle Kits. This effort provides design, prototyping, testing and installation manual development of SOF peculiar integration kits for multiple models of Service-common MRAPs employed by SOF. Kits will enable SOF unique C4ISR installation and Common Remote Operator Weapons Station integration to Service-common MRAPs.

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

	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
<b>Title:</b> Family of Special Operations Vehicle	0.964	3.522	11.325	-	11.325
<b>FY 2011 Accomplishments:</b> Continued development of ECPs that implement spiral upgrades and improve the design of the medium mobility vehicles.					
<b>FY 2012 Plans:</b>					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2013 United States Special Operations Command						<b>DATE:</b> February 2012					
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>			<b>R-1 ITEM NOMENCLATURE</b> PE 1160480BB: <i>SOF Tactical Vehicles</i>			<b>PROJECT</b> S910: <i>SOF Tactical Vehicles</i>					
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>						<b>FY 2011</b>	<b>FY 2012</b>	<b>FY 2013 Base</b>	<b>FY 2013 OCO</b>	<b>FY 2013 Total</b>	
Continues development of ECPs that implement spiral upgrades and improve the design of the medium mobility vehicles, to include development, integration and testing of a Single Joint Platform C4ISR solution.											
<b><i>FY 2013 Base Plans:</i></b> Continue development of ECPs that implement spiral upgrades and improve the design of the medium mobility vehicles, efforts include development, prototyping and testing of version 1.1 of medium mobility vehicle and SOF-Peculiar Integration Kits for service variant MRAPs.											
<b>Accomplishments/Planned Programs Subtotals</b>						0.964	3.522	11.325	-	11.325	
<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013 Base</u>	<u>FY 2013 OCO</u>	<u>FY 2013 Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• PROC: <i>TACTICAL VEHICLES</i>	109.355	53.733	37.421	1.843	39.264	71.537	117.128	113.892	114.588	Continuing	Continuing
<b>D. Acquisition Strategy</b>											
• Vehicle improvements integrate emerging technology or commercial-off-the-shelf/non-developmental items. Materiel solutions will be procured via existing contracts or through a competitive procurement.											
<b>E. Performance Metrics</b>											
N/A											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 United States Special Operations Command											DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 1160480BB: SOF Tactical Vehicles				PROJECT S910: SOF Tactical Vehicles					
Support (\$ in Millions)					FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Engineering Change Proposal Developmental Test Support	MIPR	Aberdeen Test Center:Aberdeen, MD	0.508	0.375	Dec 2011	0.300	Dec 2012	-		0.300	Continuing	Continuing		
C4I Engineering Change Proposal Developmental Test Support	MIPR	Space and Naval Warfare Systems Command:Charleston, SC	0.952	0.850	Feb 2012	1.350	Feb 2013	-		1.350	Continuing	Continuing		
Medium Mobility Vehicle Engineering Change Proposal Development	MIPR	Naval Air Systems Command:Patuxent River, MD	1.046	0.600	Mar 2012	0.900	Apr 2013	-		0.900	Continuing	Continuing		
Medium Mobility Vehicle Engineering Change Proposal Development	WR	GSE Engineering:Houghton, MI	1.633	1.697	Jan 2012	1.269	Jan 2013	-		1.269	Continuing	Continuing		
Mine Resistant Ambush Protective (MRAP) SOF Peculiar Integration Kit Development	MIPR	TBD:TBD	-	-		3.370	Jan 2013	-		3.370	1.750	5.120		
Subtotal			4.139	3.522		7.189		-		7.189				
Test and Evaluation (\$ in Millions)					FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Ground Mobility Vehicle (GMV) 1.1 SOF Modification Integration and Test	C/FFP	TBD:TBD	-	-		4.136	May 2013	-		4.136	4.000	8.136		
Subtotal			-	-		4.136		-		4.136	4.000	8.136		
			Total Prior Years Cost	FY 2012		FY 2013 Base		FY 2013 OCO		FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals			4.139	3.522		11.325		-		11.325				
Remarks														

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2013 United States Special Operations Command						<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>			<b>R-1 ITEM NOMENCLATURE</b> PE 1160480BB: <i>SOF Tactical Vehicles</i>			<b>PROJECT</b> S910: <i>SOF Tactical Vehicles</i>

	FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Engineering Change Proposal Developmental Test Support</b>																												
Engineering Change Proposal Developmental Test Support																												
<b>C4ISR Engineering Change Proposal Developmental Test Support</b>																												
C4ISR Engineering Change Proposal Developmental Test Support																												
<b>Medium Mobility Vehicle Engineering Change Proposal Development</b>																												
Medium Mobility Vehicle Engineering Change Proposal Development																												
<b>Ground Mobility Vehicle (GMV) 1.1 SOF Modification Integration and Test</b>																												
Ground Mobility Vehicle (GMV) 1.1 SOF Modification Integration and Test																												
<b>Mine Resistant Ambush Protective (MRAP) SOF Peculiar Integration Kit Development</b>																												
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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2013 United States Special Operations Command			<b>DATE:</b> February 2012
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 7: <i>Operational Systems Development</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 1160480BB: <i>SOF Tactical Vehicles</i>	<b>PROJECT</b> S910: <i>SOF Tactical Vehicles</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Engineering Change Proposal Developmental Test Support</i></b>				
Engineering Change Proposal Developmental Test Support	1	2011	4	2017
<b><i>C4ISR Engineering Change Proposal Developmental Test Support</i></b>				
C4ISR Engineering Change Proposal Developmental Test Support	1	2011	4	2017
<b><i>Medium Mobility Vehicle Engineering Change Proposal Development</i></b>				
Medium Mobility Vehicle Engineering Change Proposal Development	1	2011	4	2017
<b><i>Ground Mobility Vehicle (GMV) 1.1 SOF Modification Integration and Test</i></b>				
Ground Mobility Vehicle (GMV) 1.1 SOF Modification Integration and Test	2	2013	2	2014
<b><i>Mine Resistant Ambush Protective (MRAP) SOF Peculiar Integration Kit Development</i></b>				
Mine Resistant Ambush Protective (MRAP) SOF Peculiar Integration Kit Development	2	2013	4	2014

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