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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Army **DATE:** February 2012

APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603653A: <i>ADVANCED TANK ARMAMENT SYSTEM (ATAS)</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	200.312	64.408	14.347	-	14.347	5.820	-	-	-	Continuing	Continuing
C03: <i>INTERIM ARMORED VEHICLE (IAV) FAMILY</i>	5.633	22.500	14.347	-	14.347	5.820	-	-	-	Continuing	Continuing
C51: <i>STRYKER MODERNIZATION</i>	64.679	41.908	-	-	-	-	-	-	-	Continuing	Continuing
VT2: <i>STRYKER DOUBLE V</i>	130.000	-	-	-	-	-	-	-	-	Continuing	Continuing

Note

FY2011: Project VT2 - DVH, increase \$128.0M; Project C51 - Stryker Modernization, -\$57.0M, Milestone B delay

FY2012: Project C03 - Stryker Vehicle, - \$37.0M, Program growth adjustment

FY2013: Project C51 - Stryker Modernization, Program eliminated

A. Mission Description and Budget Item Justification

This Program Element (PE) supports the development of the Stryker Family of vehicles (FOV) in three separate projects:

The Interim Amored Vehicle Project (C03) supports the use of the common platform/common chassis design reducing requirements for repair parts and logistics support in the area of operations. Funding in this project will continue to address Overseas Contingency Operations (OCO), survivability, Operational Needs Statements (ONS) issues, and integrating Targeting Under Armor (TUA) for the Stryker Fire Support Vehicle (FSV).

Stryker Modernization Project (C51) will enable the Stryker FOV (to include DVH) to host the future network without further degrading vehicle performance. The upgrade will increase available electrical power while ensuring adequate mechanical power, weight margin, and cooling. Combined with a digital backbone, this will ensure the FOV can host the future network while retaining its protection and mobility.

Stryker Double V Hull (DVH) Project (VT2) was established in FY 10. The DVH design is in response to a G-3 directed requirement for survivability enhancements on Stryker vehicles used in Operation Enduring Freedom to provide a total integrated solution of increased protection and survivability against Improvised Explosive Devices (IED). DVH will be fielded as Theater Provided Equipment (TPE) and support deployments of Stryker Brigade Combat Teams (SBCT's) to Afghanistan.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Army				DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
2040: Research, Development, Test & Evaluation, Army		PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)			
BA 4: Advanced Component Development & Prototypes (ACD&P)					
B. Program Change Summary (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget	136.302	101.408	219.548	-	219.548
Current President's Budget	200.312	64.408	14.347	-	14.347
Total Adjustments	64.010	-37.000	-205.201	-	-205.201
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-6.179	-			
• Other Adjustments 1	70.189	-37.000	-205.201	-	-205.201

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)				PROJECT C03: INTERIM ARMORED VEHICLE (IAV) FAMILY			
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
C03: INTERIM ARMORED VEHICLE (IAV) FAMILY	5.633	22.500	14.347	-	14.347	5.820	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles											

Note

Not applicable for this item.

A. Mission Description and Budget Item Justification

The Interim Armored Vehicle (IAV) Family Project (C03) supports the development of the Stryker Family of vehicles (FOV). A critical need exists to improve the deployability and operational effectiveness of rapid response/early entry forces. The Stryker equipped Brigade Combat Team (BCT) is capable of deployment to anywhere on the globe in a combat ready configuration. Immediate response by a lethal, versatile, tactically agile joint force capable of operational maneuver once in the Area of Operations has been essential in fulfilling the warfighting needs of the U. S. Army. The Stryker family includes: Infantry Carrier Vehicle (ICV), Reconnaissance Vehicle (RV), Mobile Gun System (MGS), Mortar Carrier (MC), Commander's Vehicle (CV), Fire Support Vehicle (FSV), Engineer Squad Vehicle (ESV), Medical Evacuation Vehicle (MEV), Anti-Tank Guided Missile Vehicle (ATGM), and Nuclear/Biological/Chemical Reconnaissance Vehicle (NBCRV). The use of the common platform/common chassis design reduces requirements for repair parts and logistics support in the area of operations. Funding in this project will continue to address Overseas Contingency Operations (OCO), survivability, Operational Needs Statements (ONS) issues, and integration of Targeting Under Armor (TUA) on the Stryker FSV.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2011	FY 2012	FY 2013
Title: Development Engineering Articles: Description: Funding is provided for the following effort FY 2012 Plans: Undergo development and engineering for integration of Targeting Under Armor for the Stryker FSV. FY 2013 Plans: Undergo development and engineering for integration of Targeting Under Armor for the Stryker FSV.	-	21.839 0	5.424
Title: Test Vehicle Refurbishment Articles: Description: Funding is provided for FY 2011 Accomplishments:	4.155 0	-	-

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army								DATE: February 2012					
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)				PROJECT C03: INTERIM ARMORED VEHICLE (IAV) FAMILY					
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011		FY 2012		FY 2013	
Refurbishment of MGS tested vehicles													
Title: Government Engineering and Program Management								0.156		0.661		0.672	
Articles:								0		0			
Description: Funding is provided for the following effort													
FY 2011 Accomplishments: Continuing Government Systems Engineering and Program Management													
FY 2012 Plans: Funding for future Government Systems Engineering and Program Management													
FY 2013 Plans: Funding for future Government Systems Engineering and Program Management													
Title: Contractor Support to Test								-		-		1.293	
Description: Funding is provided for:													
FY 2013 Plans: Contractor Support to TUA test													
Title: Test and Evaluation								1.322		-		6.958	
Articles:								0					
Description: Funding is provided for the following effort													
FY 2011 Accomplishments: SRAT II Testing													
FY 2013 Plans: Targeting Under Armor Testing													
Accomplishments/Planned Programs Subtotals								5.633		22.500		14.347	
C. Other Program Funding Summary (\$ in Millions)													
Line Item		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	
• GM0100: Stryker MOD (GM0100)		84.573	51.497	60.881		60.881		71.575	76.718	77.422	466.065	950.213	

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army										DATE: February 2012	
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)				PROJECT C03: INTERIM ARMORED VEHICLE (IAV) FAMILY			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• G85100: Stryker Vehicle (G85100)	1,386.014	606.984	286.818		286.818		74.466			3,601.376	6,055.045
• GE0180: Spares and Repair Parts (WTCV) (GE0180)		99.624	31.217		31.217					0.000	130.841
D. Acquisition Strategy											
Funding continues engineering and development efforts related to Overseas Contingency Operations (OCO), survivability, and Operational Needs Statements (ONS) issues, and integration of Targeting Under Armor. As the Stryker family of vehicles continues to be deployed, we will explore, enhance and increase the survivability of the Stryker.											
E. Performance Metrics											
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army											DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)				PROJECT C03: INTERIM ARMORED VEHICLE (IAV) FAMILY						
Management Services (\$ 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	
Project Management Office (PMO)	Various	TACOM,:MI	15.338	0.661		0.672		-		0.672	0.684	17.355	0.000	
Subtotal			15.338	0.661		0.672		-		0.672	0.684	17.355	0.000	
Product Development (\$ 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	
Stryker Development/ Engineering	Various	GDLS:MI	408.071	-		-		-		-	0.000	408.071	0.000	
Targeting Under Armor Development /Engineering	Various	GDLS:MI	-	21.839		5.424		-		5.424	1.688	28.951	0.000	
Subtotal			408.071	21.839		5.424		-		5.424	1.688	437.022	0.000	
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	
Contractor Support to Test	Various	GDLS:MI	1.322	-		1.293		-		1.293	0.406	3.021	0.000	
Targeting Under Armor Testing	Various	Various Test Centers:Multiple	-	-		6.958		-		6.958	3.042	10.000	0.000	
Test Vehicle Refurbishment	Various	GDLS MI:MI	4.155	-		-		-		-	0.000	4.155	0.000	
NBCRV Operational Test and Evaluation	Various	Various Test Centers:Various	111.751	-		-		-		-	0.000	111.751	0.000	
OCO and SRAT II Testing	Various	Various Test Centers:Various	7.521	-		-		-		-	0.000	7.521	0.000	
Contractor Support to Test	Various	GDLS, MI:MI	23.144	-		-		-		-	0.000	23.144	0.000	
Subtotal			147.893	-		8.251		-		8.251	3.448	159.592	0.000	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)				PROJECT C03: INTERIM ARMORED VEHICLE (IAV) FAMILY			
	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	571.302	22.500		14.347		-		14.347	5.820	613.969	0.000

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Army	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603653A: <i>ADVANCED TANK ARMAMENT SYSTEM (ATAS)</i>	PROJECT C03: <i>INTERIM ARMORED VEHICLE (IAV) FAMILY</i>
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	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
SRAT II Full-up System Level Live Test (FUSL																												
Stryker Target Under Armor (TUA) Design/Integration																												
Stryker Target Under Armor (TUA) Prototype/Manufacturing																												
Stryker Target Under Armor (TUA) System Test and Evaluation																												
Stryker Target Under Armor (TUA) Production Retrofit																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Army			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603653A: <i>ADVANCED TANK ARMAMENT SYSTEM (ATAS)</i>	PROJECT C03: <i>INTERIM ARMORED VEHICLE (IAV) FAMILY</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
SRAT II Full-up System Level Live Test (FUSL	2	2012	3	2012
Stryker Target Under Armor (TUA) Design/Integration	2	2012	1	2015
Stryker Target Under Armor (TUA) Prototype/Manufacturing	2	2012	1	2013
Stryker Target Under Armor (TUA) System Test and Evaluation	2	2013	1	2015
Stryker Target Under Armor (TUA) Production Retrofit	2	2014	1	2017

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603653A: <i>ADVANCED TANK ARMAMENT SYSTEM (ATAS)</i>				PROJECT C51: <i>STRYKER MODERNIZATION</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
C51: <i>STRYKER MODERNIZATION</i>	64.679	41.908	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification
 Stryker Modernization (C51) will enable the Stryker FOV (to include DVH) to host the future network without further degrading vehicle performance. The upgrade will increase available electrical power while ensuring adequate mechanical power, weight margin, and cooling. Combined with a digital backbone, this will ensure the FOV can host the future network while retaining its protection and mobility.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2011	FY 2012	FY 2013
Title: Development and Design Engineering <div style="text-align: right;">Articles:</div> Description: Funding is provided for the following efforts FY 2011 Accomplishments: Stryker upgrade to allow integration of the future Network without additional degradation to overall system performance. FY 2012 Plans: Continued Stryker upgrade to allow integration of the future Network without additional degradation to overall system performance.	61.184 0	34.382 0	-
Title: Government Engineering and Program Management <div style="text-align: right;">Articles:</div> Description: Funding is provided for the following effort FY 2011 Accomplishments: Continuing Government Systems Engineering and Program Management FY 2012 Plans: Continuing Government Systems Engineering and Program Management	3.495 0	7.526 0	-
Accomplishments/Planned Programs Subtotals	64.679	41.908	-

C. Other Program Funding Summary (\$ in Millions)
 N/A

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army		DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603653A: <i>ADVANCED TANK ARMAMENT SYSTEM (ATAS)</i>	PROJECT C51: <i>STRYKER MODERNIZATION</i>
<u>D. Acquisition Strategy</u> The Stryker upgrade effort is to buy back the vehicle space, weight, and power margin lost due to the addition of numerous kits in response to nine years of war (15-combat rotations & 27 million total miles), in order to allow integration of the future network (as directed by VCSA in August 2011) without further degrading the performance of the platform.		
<u>E. Performance Metrics</u> Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army											DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT					
2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)				C51: STRYKER MODERNIZATION					
Management Services (\$ 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
Project Management Office (PMO)	Various	TACOM:MI	6.877	7.526		-		-		-	0.000	14.403	0.000
Subtotal			6.877	7.526		-		-		-	0.000	14.403	0.000
Product Development (\$ 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
Stryker Upgrade Development/Engineering Modernization/Deficiencies	Various	GDLS:MI	274.917	34.382		-		-		-	0.000	309.299	0.000
Subtotal			274.917	34.382		-		-		-	0.000	309.299	0.000
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
Other Government Agencies	Various	Various:Various	0.714	-		-		-		-	0.000	0.714	0.000
Subtotal			0.714	-		-		-		-	0.000	0.714	0.000
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
Stryker Upgrade Testing	Various	Various:Various	0.387	-		-		-		-	0.000	0.387	0.000
Subtotal			0.387	-		-		-		-	0.000	0.387	0.000
			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			282.895	41.908		-		-		-	0.000	324.803	0.000

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army						DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY			R-1 ITEM NOMENCLATURE			PROJECT			
2040: Research, Development, Test & Evaluation, Army			PE 0603653A: ADVANCED TANK ARMAMENT			C51: STRYKER MODERNIZATION			
BA 4: Advanced Component Development & Prototypes (ACD&P)			SYSTEM (ATAS)						
	Total Prior Years Cost	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	Cost To Complete	Total Cost	Target Value of Contract	

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Army																DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY								R-1 ITEM NOMENCLATURE								PROJECT			
2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)								PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)								C51: STRYKER MODERNIZATION			

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Army			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)	PROJECT C51: STRYKER MODERNIZATION	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Army System Acquisition Review Counsel (ASARC)	2	2012	2	2012

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Army								DATE: February 2012			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)				PROJECT VT2: STRYKER DOUBLE V			
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
VT2: STRYKER DOUBLE V	130.000	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
Stryker Double V Hull (DVH) Project (VT2) was established in FY 10. The Double V Hull design is in response to a G-3 directed requirement for survivability enhancements on Stryker vehicles used in Operation Enduring Freedom to provide a total integrated solution of increased protection and survivability against Improvised Explosive Devices (IED). DVH will be fielded as Theater Provided Equipment (TPE) and support deployments of SBCT's to Afghanistan.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2011	FY 2012	FY 2013	
Title: Development and Test Support Articles: Description: Funding is provided for the following effort FY 2011 Accomplishments: The design and development engineering of the Stryker Double V Hull and test support								104.852	-	-	
								0			
Title: Government Test Articles: Description: Funding is provided for the following effort FY 2011 Accomplishments: Continuing Government testing of the Double V Hull								24.112	-	-	
								0			
Title: Government Engineering and Program Management Articles: Description: Funding is provided for the following effort FY 2011 Accomplishments: Continuing Government Engineering and Program Management								1.036	-	-	
								0			
Accomplishments/Planned Programs Subtotals								130.000	-	-	

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C. Other Program Funding Summary (\$ in Millions) N/A		
D. Acquisition Strategy Funding for design and development engineering along with testing efforts related to the Double V Hull, which supports survivability enhancements for the Stryker vehicles against Improvised Explosive Devices (IED).		
E. Performance Metrics Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2013 Army											DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603653A: ADVANCED TANK ARMAMENT SYSTEM (ATAS)				PROJECT VT2: STRYKER DOUBLE V					
Management Services (\$ 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
Project Management Office (PMO)	Various	TACOM, MI:Various	1.036	-		-		-		-	0.000	1.036	0.000
Subtotal			1.036	-		-		-		-	0.000	1.036	0.000
Product Development (\$ 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
Development and Test Support	Various	GDLS:MI	104.852	-		-		-		-	0.000	104.852	0.000
Subtotal			104.852	-		-		-		-	0.000	104.852	0.000
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
Government Testing	Various	Various Test Centers:Various	24.112	-		-		-		-	0.000	24.112	0.000
Subtotal			24.112	-		-		-		-	0.000	24.112	0.000
			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			130.000	-		-		-		-	0.000	130.000	0.000
Remarks													

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Army			DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>		R-1 ITEM NOMENCLATURE PE 0603653A: <i>ADVANCED TANK ARMAMENT SYSTEM (ATAS)</i>		PROJECT VT2: <i>STRYKER DOUBLE V</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
Phase 1 Operational Testing (OT)																												
Phase 2 Operational Testing (OT)																												
Phase 2 Performance & RAM Testing																												
Phase 3 Performance & RAM Testing																												
ICV Scout Operational Testing (OT)																												
Phase 3 Live Fire Testing (LFT)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Army			DATE: February 2012
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603653A: <i>ADVANCED TANK ARMAMENT SYSTEM (ATAS)</i>	PROJECT VT2: <i>STRYKER DOUBLE V</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Phase 1 Operational Testing (OT)	2	2011	2	2011
Phase 2 Operational Testing (OT)	2	2011	2	2012
Phase 2 Performance & RAM Testing	2	2011	2	2011
Phase 3 Performance & RAM Testing	2	2011	3	2012
ICV Scout Operational Testing (OT)	4	2011	4	2011
Phase 3 Live Fire Testing (LFT)	3	2011	2	2012