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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603635M: Marine Corps Grnd Cmbt/Supt Sys
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	160.923	52.992	10.496	1.489	-	1.489	1.386	1.410	1.445	1.469	Continuing	Continuing
1964: Anti-Armor Weapon System	2.652	1.240	1.124	1.143	-	1.143	1.010	1.026	1.044	1.061	Continuing	Continuing
2614: SMAW Follow-On	15.220	6.614	9.372	0.346	-	0.346	0.376	0.384	0.401	0.408	Continuing	Continuing
3209: Joint Light Tactical Vehicle	143.051	45.138	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	188.189

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

Note

The Joint Light Tactical Vehicle (JLTV) program, Project number 3209 is transitioning to BA 04 PE 0605812M beginning in FY 2013.

A. Mission Description and Budget Item Justification

This PE supports the demonstration and validation of Marine Corps Ground/Supporting Arms Systems for utilization in Marine Air-Ground Expeditionary Force amphibious operations. This program is funded under Demonstration & Validation because it develops and integrates hardware for experimental tests related to specific ground weapon system.

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	54.877	10.496	1.495	-	1.495
Current President's Budget	52.992	10.496	1.489	-	1.489
Total Adjustments	-1.885	0.000	-0.006	-	-0.006
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.807	0.000			
• SBIR/STTR Transfer	-1.078	0.000			
• Rate/Misc Adjustments	0.000	0.000	-0.006	-	-0.006

Change Summary Explanation

Funding profile for JLTV moved to BA 04 PE 0605812M beginning in FY 2013.

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy									DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 ITEM NOMENCLATURE PE 0603635M: Marine Corps Grnd Cmbt/ Supt Sys				PROJECT 1964: Anti-Armor Weapon System			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
1964: Anti-Armor Weapon System	2.652	1.240	1.124	1.143	-	1.143	1.010	1.026	1.044	1.061	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0		0	0	0	0	0		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
The Anti-Armor Weapons System-Heavy (AAWS-H) program, working in concert with the U.S. Army, will develop and integrate technology improvements into the Improved Target Acquisition System (ITAS) to meet Increment II system requirements as jointly agreed. Improvements will center on integration of sight image enhancements, far-target location accuracy improvements, traversing unit upgrades/improvements, battlefield networking communications capability and a laser designation capability.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2012	FY 2013	FY 2014	
Title: Contractor conducted systems integration and qualification Articles: FY 2012 Accomplishments: Completed qualification of Saber far-target location accuracy improvements. Supported contractor development and qualification of Saber traversing unit improvements. FY 2013 Plans: Assess improvements to the Saber laser subsystem to integrate/upgrade and qualify a laser marking and/or designation capability for supporting arms missions. FY 2014 Plans: Assess improvements to the Saber system to integrate a battlefield network interface and integrate Target Detection upgrades.									0.638	0.570	0.587	
									0	0	0	
Title: Provide engineer and technical support Articles: FY 2012 Accomplishments: Provided continued Army program management office engineering and test support for the far-target location accuracy improvements and for the integration of traversing unit improvements. FY 2013 Plans:									0.297	0.269	0.274	
									0	0	0	

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy							DATE: April 2013				
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				R-1 ITEM NOMENCLATURE PE 0603635M: <i>Marine Corps Grnd Cmbt/ Supt Sys</i>			PROJECT 1964: <i>Anti-Armor Weapon System</i>				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)							FY 2012	FY 2013	FY 2014		
Provide continued Army program management office engineering and test support for integration of the laser marker/designator upgrade.											
FY 2014 Plans: Provide continued Army program management office engineering and test support for integration of network interface and Target Detection upgrades.											
Title: Provide Government program management/in-house support											
Articles:							0.305 0	0.285 0	0.282 0		
FY 2012 Accomplishments: Provided continued USMC program management office engineering and test support for the far-target location accuracy improvements and for the integration of traversing unit improvements.											
FY 2013 Plans: Provide continued USMC program management office engineering and test support for integration of the laser marker/designator upgrade.											
FY 2014 Plans: Provide continued USMC program management office engineering and test support for integration network interface and Target Detection Upgrade.											
Accomplishments/Planned Programs Subtotals							1.240	1.124	1.143		
C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u> <u>Base</u>	<u>FY 2014</u> <u>OCO</u>	<u>FY 2014</u> <u>Total</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• PMC/3017: <i>Saber</i>	19.606	20.708	1.136		1.136	1.555	1.543	1.507	1.529	0.000	47.584
Remarks											
D. Acquisition Strategy The Saber system is a joint program with the U.S. Army. In FY12-14 funding will be used in the development, integration, and qualification of incremental improvements to the Saber system to meet objective requirements for the system and to assess emergent technologies.											
E. Performance Metrics N/A											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy													DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)							R-1 ITEM NOMENCLATURE PE 0603635M: Marine Corps Grnd Cmbt/ Supt Sys					PROJECT 1964: Anti-Armor Weapon System			
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Anti Armor	C/CPIF	Raytheon:McKinney, TX	1.423	0.638	Mar 2012	0.570	Mar 2013	0.587	Mar 2014	-		0.587	Continuing	Continuing	Continuing
Subtotal			1.423	0.638		0.570		0.587		0.000		0.587			
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Anti Armor	WR	NSWC:Dahlgren, VA	0.571	0.297	Oct 2011	0.269	Oct 2012	0.274	Oct 2013	-		0.274	Continuing	Continuing	Continuing
Subtotal			0.571	0.297		0.269		0.274		0.000		0.274			
Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Anti Armor	C/CPIF	BAE Systems:Stafford, VA	0.658	0.305	Oct 2011	0.285	Oct 2012	0.282	Mar 2014	-		0.282	Continuing	Continuing	Continuing
Subtotal			0.658	0.305		0.285		0.282		0.000		0.282			
			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			2.652	1.240		1.124		1.143		0.000		1.143			
Remarks															

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PE 0603635M: *Marine Corps Grnd Cmbt/Supt Sys*
Navy

R-1 Line #53

R-1 ITEM NOMENCLATURE

PE 0603635M: *Marine Corps Grnd Cmbt/
Supt Sys*

1964: *Anti-Armor Weapon System*

FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Saber																											

2014PB - 0603635M - 1964

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Navy			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603635M: <i>Marine Corps Grnd Cmbt/</i> <i>Supt Sys</i>	PROJECT 1964: <i>Anti-Armor Weapon System</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Proj 1964</i>				
Saber: Image Enhancement	1	2012	4	2012
Saber: PADS GPS Improvements	1	2012	4	2012
Saber: Battlefield Networking / Target Designation	1	2014	4	2015
Saber: Traversing Unit Upgrade	1	2015	4	2016

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy									DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 ITEM NOMENCLATURE PE 0603635M: Marine Corps Grnd Cmbt/ Supt Sys				PROJECT 2614: SMAW Follow-On			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
2614: SMAW Follow-On	15.220	6.614	9.372	0.346	-	0.346	0.376	0.384	0.401	0.408	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0		0	0	0	0	0		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
Shoulder-Launched Multipurpose Assault Weapon II (SMAW II). Marine Expeditionary Forces will employ the Shoulder-Launched Multipurpose Assault Weapon II (SMAW II) across the spectrum of conflict, under all environmental conditions, to destroy a variety of ground targets. This requirement relates to The Concept for Future Military Operations on Urbanized Terrain, dated 25 July 1997, which requires Marine units to possess the capability to rapidly breach urban structures in order to facilitate and enhance their mobility in an urban environment. The SMAW II will support the Joint Operating Concept, Major Combat Operations via the Force Application Joint Functional Concept.												
The solution to the Follow-on-to-SMAW (FOTS) requirement is the SMAW II system. The mission of the SMAW II is to provide short-range assault fires in support of infantry forces attacking fortified positions and urban structures under all field and environmental conditions. This includes employment under Mission Oriented Protective Posture (MOPP) IV Level CBRN conditions. SMAW II will be developed in two distinct blocks. Block 1 of the SMAW II system consists of a new SMAW launcher, which will be physically and functionally compatible with all current SMAW ammunition variants, and a Multipurpose (MP) Fire-From-Enclosure (FFE) SMAW round. Block 2 of the SMAW II system will be the addition of a Wall Breaching (WB) FFE round and a Common Practice (CP) FFE round.												
During FY12, the development of Block 1 continued. During FY13, the Qualification of Block 1 will be completed and Low Rate Initial Production will commence. During FY13, the development of Block 2 will commence. During FY14, Pre-Full Rate Production of Block 1 will commence and the Qualification of Block 2 will be completed. In FY15, Full Rate Production of Block 1 FFE Round will continue.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2012	FY 2013	FY 2014	
Title: Contractor conducted systems integration and qualification.									1.470	4.868	0.000	
									0	0		
FY 2012 Accomplishments:												
Continuing Block 1 Launcher Qualification, Functional Configuration Audit, System Verification Review, Production Readiness Review and Initial Operational Test & Evaluation. Continuing Block 1 FFE Round Critical Design Review, Test Readiness Review, Qualification, Functional Configuration Audit, System Verification Review, and Production Readiness Review. Completed Block 2 FFE Round Milestone B, Design Verification Test, and Critical Design Review.												
FY 2013 Plans:												

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy		DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603635M: Marine Corps Grnd Cmbt/ Supt Sys	PROJECT 2614: SMAW Follow-On		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2012	FY 2013	FY 2014
Continue Block 1 Launcher efforts for Milestone C. Complete Block 1 FFE Round Qualification, Functional Configuration Audit, System Verification Review, Production Readiness Review and Initial Operational Test & Evaluation. Commence Block 2 FFE Round Development and Qualification efforts.				
Title: Provide engineer and technical support. Articles: FY 2012 Accomplishments: Provided engineering support for the Block 1 Launcher and Block 1 and 2 FFE Round development and testing. Provided review of all contract technical deliverables. FY 2013 Plans: Provide engineering support for the Block 1 and 2 FFE Round development and testing. Provide review of all contract technical deliverables. FY 2014 Plans: Provide engineering support for the Block 1 and 2 FFE Round development and testing. Provide review of all contract technical deliverables.		3.070 0	3.255 0	0.243 0
Title: Provide Government program management/in-house support. Articles: FY 2012 Accomplishments: Provided administrative and technical support to all programmatic and technical reviews; maintain programmatic documentation change management system; maintain CDRL deliverables review and management system; participate in all program IPTs; update the SMAW II Supportability Plan and prepare all Acquisition Logistics documentation; maintain the SMAW II LCCE; provide EVMS analytical support; manage Action Item database. FY 2013 Plans: Provide administrative and technical support to all programmatic and technical reviews; maintain programmatic documentation change management system; maintain CDRL deliverables review and management system; participate in all program IPTs; update the SMAW II Supportability Plan and prepare all Acquisition Logistics documentation; maintain the SMAW II LCCE; provide EVMS analytical support; manage Action Item database. FY 2014 Plans: Provide administrative and technical support for Block II qualification; support programmatic and logistics requirements; and update supportability requirements.		0.623 0	0.505 0	0.103 0
Title: Provide operational test support planning and document preparation		1.451	0.744	0.000

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)				FY 2012	FY 2013	FY 2014
Articles:				0	0	
<i>FY 2012 Accomplishments:</i> Completed all SMAW II Block 1 Launcher IOT&E planning; provided operational test expertise to all programmatic and technical reviews.						
<i>FY 2013 Plans:</i> Conduct and report the results of the SMAW II Block 1 FFE Round IOT&E; provide operational test expertise to all programmatic and technical reviews.						
Accomplishments/Planned Programs Subtotals				6.614	9.372	0.346

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

<u>Line Item</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u> <u>Base</u>	<u>FY 2014</u> <u>OCO</u>	<u>FY 2014</u> <u>Total</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PMC/301600: <i>Follow on to SMAW</i>	37.300	19.650	0.000		0.000	32.046	31.425	0.007	0.001	0.000	141.887
Remarks											

D. Acquisition Strategy
FY12-14 strategy is to complete development and qualification of the Block 1 SMAW II system (i.e. new SMAW Launcher and new Multi Purpose Fire From Enclosure (MP FFE) round).

E. Performance Metrics
Milestone Reviews; Technical Reviews; Earned Value Management data.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)						R-1 ITEM NOMENCLATURE PE 0603635M: Marine Corps Grnd Cmbt/ Supt Sys						PROJECT 2614: SMAW Follow-On			
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Integration	C/FFP	Nammo Talley:Mesa, AZ	0.000	1.470	Dec 2011	4.868	Aug 2013	0.000		-		0.000	Continuing	Continuing	Continuing
Subtotal			0.000	1.470		4.868		0.000		0.000		0.000			
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Engineering & Technical Support	WR	NSWC Dahlgren:Dahlgren, VA	10.340	3.070	Dec 2011	3.255	Apr 2013	0.243	Dec 2013	-		0.243	Continuing	Continuing	Continuing
Subtotal			10.340	3.070		3.255		0.243		0.000		0.243			
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Operational Testing & Support	WR	Marine Corps Operational Test & Eval Activity:Quantico, VA	2.803	1.451	Dec 2011	0.744	Apr 2013	0.000		-		0.000	Continuing	Continuing	Continuing
Subtotal			2.803	1.451		0.744		0.000		0.000		0.000			
Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Mgt & Eng Support	C/CPIF	BAE Systems:Stafford, VA	2.077	0.623	Jan 2012	0.505	Apr 2013	0.103	Jan 2014	-		0.103	Continuing	Continuing	Continuing
Subtotal			2.077	0.623		0.505		0.103		0.000		0.103			

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	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	15.220	6.614		9.372		0.346		0.000		0.346			

Remarks

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy									DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 ITEM NOMENCLATURE PE 0603635M: Marine Corps Grnd Cmbt/ Supt Sys				PROJECT 3209: Joint Light Tactical Vehicle			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
3209: Joint Light Tactical Vehicle	143.051	45.138	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	188.189
Quantity of RDT&E Articles	0	0	0	0		0	0	0	0	0		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
Note												
Twenty two prototypes, per vendor, awarded in FY12 and will be delivered in FY13. Additonal hardware requirements for Engineering and Manufacturing Development (EMD) include trailers, ballistic hulls, and kits (including armor).												
The FY11 NDAA directed the Services to separate the JLTV program into distinct program elements to provide Congress with increased transparency and allow for more effective oversight. Transition of funding from PE 0603635M to the new JLTV PE 0605812M is effective beginning in FY13.												
A. Mission Description and Budget Item Justification												
Funding supports the development and testing of the JLTV Family of Vehicles (FoV), which is a joint program between the Army and the Marine Corps. The JLTV goal is a FoV capable of performing multiple mission roles that will be designed to provide protected, sustained, networked mobility for personnel and payloads across the full Range of Military Operations. JLTV objectives include increased protection and performance over the current fleet; minimizing ownership costs by maximizing commonality, fuel efficiency, reliability; and maintaining effective competition, throughout the lifecycle. Commonality of components, maintenance procedures, training, etc., among vehicles is expected to be inherent in FoV solutions across mission variants to minimize total ownership cost. Unique service requirements have been minimized.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2012	FY 2013	FY 2014	
Title: Prototype Article Articles: FY 2012 Accomplishments: Awarded multiple Engineering and Manufacturing Development (EMD) contracts for material procurement and the fabrication of prototypes. Vehicle deliveries occur in FY13.									26.075 30	0.000	0.000	
Title: Primary and Ancillary Hardware Development, Systems Engineering (SE) Articles: FY 2012 Accomplishments:									10.347 0	0.000	0.000	

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2012	FY 2013	FY 2014
Awarded multiple Engineering and Manufacturing Development (EMD) contracts to deliver JLTVMission Role Variants and systems engineering activities in support of progression to MS B decision and RFP development.											
Title: GFE Procurement to Support Product Development and Testing Articles:									1.763 0	0.000	0.000
FY 2012 Accomplishments: Procured GFE items required to support EMD prototype integration efforts.											
Title: Test and Evaluation Events & Analysis Articles:									1.453 0	0.000	0.000
FY 2012 Accomplishments: Supported Milestone B preparations, prepared Test and Evaluation Master Plan (TEMP) as well as detailed test plans, and conduct coupon testing.											
Title: ILS and Facilities Documentation/Analysis and Support Engineering Articles:									0.640 0	0.000	0.000
FY 2012 Accomplishments: Continued the development of logistical documentation, supported Milestone (MS) B preparations, GFE management, and provided oversight to programmatic and contractual issues related to logistics.											
Title: Program Management Support Articles:									4.860 0	0.000	0.000
FY 2012 Accomplishments: Continued support of program operations and planning activities. Key events included source selection activities, EMD contract awards, and attainment of MS B.											
Accomplishments/Planned Programs Subtotals									45.138	0.000	0.000
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• RD TEN/3209: 0605812M-JLTV	0.000	44.500	50.362		50.362	16.606	33.058	23.938	2.372	Continuing	Continuing
• PMC/5095: JLTV	0.000	0.000	0.000		0.000	30.521	99.536	143.062	520.468	Continuing	Continuing
Remarks											

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603635M: <i>Marine Corps Grnd Cmbt/ Supt Sys</i>	PROJECT 3209: <i>Joint Light Tactical Vehicle</i>
<u>D. Acquisition Strategy</u> JLTV is a Joint Services program with the U.S. Army and Marine Corps as the two main components. The Navy anticipates procuring JLTV vehicles upon successful Low Rate Initial Production (LRIP) testing. The program will use an evolutionary approach to deliver capabilities in increments based on program priorities. All technologies entering the current EMD phase shall be no less than Technology Readiness Level 6 to achieve Capabilities Development Document (CDD) requirements. Increment I will produce two Mission Role Variant (MRV) configurations (Combat Tactical Vehicle - CTV & Combat Support Vehicle - CSV) and four mission packages (General Purpose, Heavy Guns Carrier, Close Combat Weapons Carrier, and Utility). EMD vendors will fabricate representative mission packages from both MRVs, which the Government will fully test during EMD. Through a full and open competition, the program anticipates awarding up to three fixed price contracts for the EMD phase. Unless future market research identifies a valid non-EMD vendor capable of delivering the required capabilities, there will be a down-select from the EMD contractors to enter into the Production and Deployment phase. The down-select will result in a fixed price type contract with a base LRIP quantity, LRIP options, full rate production options, and a Technical Data Package option. <u>E. Performance Metrics</u> Milestone Reviews		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)						R-1 ITEM NOMENCLATURE PE 0603635M: Marine Corps Grnd Cmbt/ Supt Sys						PROJECT 3209: Joint Light Tactical Vehicle			
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Hardware Development - TD	C/CS	BAE Systems:Santa Clara, CA	34.635	0.000		0.000		0.000		-		0.000	0.000	34.635	
Primary Hardware Development - TD	C/CS	General Tactical Vehicles:Sterling, MI	24.459	0.000		0.000		0.000		-		0.000	0.000	24.459	
Primary Hardware Development - TD	C/CS	Lockheed Martin:Owego, NY	26.833	0.000		0.000		0.000		-		0.000	0.000	26.833	
Primary Hardware Development - EMD	C/FFP	Oshkosh Corporation:Oshkosh, WI	1.000	10.866	Aug 2012	0.000		0.000		-		0.000	0.000	11.866	
Primary Hardware Development - EMD	C/FFP	Lockheed Martin:Grand Prairie, TX	0.000	25.515	Aug 2012	0.000		0.000		-		0.000	0.000	25.515	
Primary Hardware Development - EMD	C/FFP	AM General:Livonia, MI	0.000	5.333	Aug 2012	0.000		0.000		-		0.000	0.000	5.333	
Systems Engineering	C/CPFF	Various:Various	2.931	0.000		0.000		0.000		-		0.000	0.000	2.931	
Systems Engineering - Human Systems Integration	WR	NSWC Dahlgren:Dahlgren, VA	0.712	0.362	Feb 2012	0.000		0.000		-		0.000	0.000	1.074	
Systems Engineering - Force Protection	WR	NWSC Carderock:Carderock, MD	0.275	0.000		0.000		0.000		-		0.000	0.000	0.275	
Systems Engineering Toolkit	C/CPFF	ARL:Penn State	1.000	0.000		0.000		0.000		-		0.000	0.000	1.000	
Government Furnished Equipment	MIPR	Various:Various	3.028	0.897	Apr 2012	0.000		0.000		-		0.000	0.000	3.925	
JLTV Tech Demonstrator Design and Eval	C/CPFF	NATC:Carson City, NV	0.981	0.000		0.000		0.000		-		0.000	0.000	0.981	
Subtotal			95.854	42.973		0.000		0.000		0.000		0.000	0.000	138.827	

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)						R-1 ITEM NOMENCLATURE PE 0603635M: Marine Corps Grnd Cmbt/ Supt Sys						PROJECT 3209: Joint Light Tactical Vehicle			
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Training Development	WR	WBB:Indian Head, MD	0.236	0.000		0.000		0.000		-		0.000	0.000	0.236	
Integrated Logistics Support	Various	Various:Various	1.394	0.285	Jun 2012	0.000		0.000		-		0.000	0.000	1.679	
SPAWAR GFE	MIPR	SPAWAR:Charleston, SC	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	
Subtotal			1.630	0.285		0.000		0.000		0.000		0.000	0.000	1.915	
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental, Test & Evaluation (Performance, RAM, Ballistic, Report Generation)	MIPR	Aberdeen Proving Grounds:Aberdeen, MD	6.429	0.345	Jun 2012	0.000		0.000		-		0.000	0.000	6.774	
Developmental, Test & Evaluation (Performance, RAM, Ballistic, Report Generation)	MIPR	Yuma Proving Grounds:Yuma, AZ	7.005	0.084	Sep 2012	0.000		0.000		-		0.000	0.000	7.089	
Developmental, Test & Evaluation (Performance, RAM, Ballistic, Report Generation)	MIPR	Various:Various	1.666	0.191	Sep 2012	0.000		0.000		-		0.000	0.000	1.857	
Developmental, Test & Evaluation (Interoperability)	MIPR	JITC:Various	0.101	0.000		0.000		0.000		-		0.000	0.000	0.101	
Developmental, Test & Evaluation (Oversight)	WR	MCOTEA:Various	1.604	0.345	Jun 2012	0.000		0.000		-		0.000	0.000	1.949	
Subtotal			16.805	0.965		0.000		0.000		0.000		0.000	0.000	17.770	

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)						R-1 ITEM NOMENCLATURE PE 0603635M: Marine Corps Grnd Cmbt/ Supt Sys						PROJECT 3209: Joint Light Tactical Vehicle			

Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	C/FFP	SAIC:Dumfries, VA	7.789	0.000		0.000		0.000		-		0.000	0.000	7.789	
Program Management Support	C/CPFF	BAH:McLean, VA	14.244	0.000		0.000		0.000		-		0.000	0.000	14.244	
Program Management Support	C/CPFF	Various:Various	2.046	0.279	Feb 2013	0.000		0.000		-		0.000	0.000	2.325	
Program Management Support	C/CPFF	MITRE:Stafford, VA	2.908	0.000		0.000		0.000		-		0.000	0.000	2.908	
Program Management Support - ESOH Support	C/CPFF	Eagan McAllister:Lexington Park, MD	1.030	0.480	Feb 2012	0.000		0.000		-		0.000	0.000	1.510	
Travel	Various	MCSC:Quantico, VA	0.745	0.156	Oct 2012	0.000		0.000		-		0.000	0.000	0.901	
Subtotal			28.762	0.915		0.000		0.000		0.000		0.000	0.000	29.677	

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	143.051	45.138	0.000	0.000	0.000	0.000	0.000	188.189	

Remarks