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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Army **DATE:** February 2011

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
2040: <i>Research, Development, Test & Evaluation, Army</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>				PE 0603805A: <i>Combat Service Support Control System Evaluation and Analysis</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	9.898	14.290	5.258	-	5.258	-	-	-	-	Continuing	Continuing
091: <i>CBT SVC SPT CONTRL SYS</i>	9.898	14.290	5.258	-	5.258	-	-	-	-	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Battle Command Sustainment Support System (BCS3) is the logistics Command and Control (C2) solution for U.S. land forces. BCS3 provides commanders the capability to execute end-to-end distribution and deployment management and brings better situational awareness resulting in better decision-making capability to warfighters. It enables warfighters to target, access, scale and tailor critical logistics information in near-real time. BCS3 provides more effective means to gather and integrate asset and in-transit information to manage distribution and deployment missions. BCS3 combines distribution management to include commodity and convoy tracking, and deployment management into a logistics Common Operating Picture (COP) for one mission-focused visual display.

BCS3 has been adopted and integrated into Joint and strategic logistics command and control processes. BCS3 is the only near-term end-to-end logistics COP solution for the Joint commander. BCS3 will maintain its core capabilities and continue to advance in development while integrating into the Joint command and control architecture. This continued development will enable decision superiority via advanced collaborative information sharing achieved through interoperability.

BCS3 has immediate, high pay-off benefit to warfighters and additional future growth in its capabilities. BCS3 is a force multiplier, a precision tool for logistics planning and execution that provides warfighters with the necessary tools to succeed.

B. Program Change Summary (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	9.817	14.290	-	-	-
Current President's Budget	9.898	14.290	5.258	-	5.258
Total Adjustments	0.081	-	5.258	-	5.258
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	0.081	-	5.258	-	5.258

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army								DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603805A: Combat Service Support Control System Evaluation and Analysis				PROJECT 091: CBT SVC SPT CONTRL SYS			
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
091: CBT SVC SPT CONTRL SYS	9.898	14.290	5.258	-	5.258	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
The Battle Command Sustainment Support System (BCS3) is the logistics Command and Control (C2) solution for U.S. land forces. BCS3 Provides Integrated Battle Command Capabilities, training and support to the Joint Land Component Warfighter. As the LOG C2 component of PM BC's products/services enables warfighters to plan, execute and synchronize tactical and operational warfighting functions to include maneuver, fires, logistics, airspace management, and air defense. PM Battle Command also procures a common hardware computing baseline used by a broad range of Army products. BCS3 provides commanders the capability to execute end-to-end distribution and deployment management and brings better situational awareness resulting in better decision-making capability to warfighters. It enables warfighters to target, access, scale and tailor critical logistics information in near-real time. BCS3 provides more effective means to gather and integrate asset and in-transit information to manage distribution and deployment missions. BCS3 combines distribution management to include commodity and convoy tracking, and deployment management into a logistics Common Operating Picture (COP) for one mission-focused visual display.											
BCS3 has been adopted and integrated into Joint and strategic logistics command and control processes. BCS3 is the only near-term end-to-end logistics COP solution for the Joint commander. BCS3 will maintain its core capabilities and continue to advance in development while integrating into the Joint command and control architecture. This continued development will enable decision superiority via advanced collaborative information sharing achieved through interoperability.											
BCS3 has immediate, high pay-off benefit to warfighters and additional future growth in its capabilities. BCS3 is a force multiplier, a precision tool for logistics planning and execution that provides warfighters with the necessary tools to succeed.											
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)											
						FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	
Title: Program Office Management						0.795	0.769	0.737	-	0.737	
Articles:						0	0				
Description: Funding is provided for the following effort											
FY 2010 Accomplishments: Program Management Support											
FY 2011 Plans: Continues Program Management Support											
FY 2012 Base Plans:											

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APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 ITEM NOMENCLATURE PE 0603805A: Combat Service Support Control System Evaluation and Analysis		PROJECT 091: CBT SVC SPT CONTRL SYS		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)						
		FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Continues program management support.						
Title: Battle Command (BC) Migration Articles: Description: Funding is provided for the following effort FY 2010 Accomplishments: Funding will support the Migration to Battle Command programs FY 2011 Plans: Continues the migration to Battle Command programs FY 2012 Base Plans: Continues the migration of Battle Command programs.		7.803 0	11.371 0	3.721	-	3.721
Title: Systems Engineering and Test Articles: Description: Funding is provided for the following effort FY 2010 Accomplishments: Supports System Engineering and Testing FY 2011 Plans: Continues System Engineering and Testing FY 2012 Base Plans: Continues System Engineering and Testing		1.300 0	2.150 0	0.800	-	0.800
Accomplishments/Planned Programs Subtotals		9.898	14.290	5.258	-	5.258

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Army	DATE: February 2011
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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 0603805A: <i>Combat Service Support Control System Evaluation and Analysis</i>	PROJECT 091: <i>CBT SVC SPT CONTRL SYS</i>
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• BCS3 Other Funding: <i>Battle Command Sustainment Support System</i>	31.883	26.306	12.476	10.000	22.476					Continuing	Continuing

D. Acquisition Strategy

In accordance with the U.S. Army Training and Doctrine Command (TRADOC) requirements document approved in 2008, entitled Battle Command Essential Capability, software capability will be developed in 2-year increments as capability sets designed to Collaborate, Collapse and Converge Battle Command products. The product development funded under this R-Form is an integral part of the Army Battle Command System (ABCS), a system of systems, under a strategy designed to optimize opportunity for improved interoperability among the systems, to capture the benefits of competition where possible and to ensure the rapid integration of new capability into warfighter systems. This strategy is designed to reduce the physical footprint, logistics support requirements and increase operational efficiency.

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 2012 Army											DATE: February 2011			
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 4: Advanced Component Development & Prototypes (ACD&P)				R-1 ITEM NOMENCLATURE PE 0603805A: Combat Service Support Control System Evaluation and Analysis				PROJECT 091: CBT SVC SPT CONTRL SYS						
Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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	
Program Office Management	TBD	To Be Determined:To Be Determined	28.435	0.402		0.737		-		0.737	Continuing	Continuing	Continuing	
Subtotal			28.435	0.402		0.737		-		0.737				
Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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	
Software Development	TBD	Northrop Grumman,:Carson, CA	159.473	-		3.721		-		3.721	Continuing	Continuing	Continuing	
Software Development	TBD	Tapestry Solutions,:San Diego, CA	13.262	-		-		-		-	Continuing	Continuing	Continuing	
Software Development	C/CPAF	To Be Determined:To Be Determined	0.500	12.284		-		-		-	Continuing	Continuing	Continuing	
Training Development	TBD	Lockheed Martin,:Tinton Falls, NJ	13.514	-		-		-		-	Continuing	Continuing	Continuing	
ABCS SE&I Effort	TBD	PEO C3T,:Ft. Monmouth, NJ	7.686	-		-		-		-	Continuing	Continuing	Continuing	
GFE	Various	Various:Various	3.601	-		-		-		-	Continuing	Continuing	Continuing	
Subtotal			198.036	12.284		3.721		-		3.721				
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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	
Technical Support	TBD	To Be Determined:To Be Determined	9.036	0.386		-		-		-	Continuing	Continuing	Continuing	
CECOM, Matrix	TBD	CECOM:Ft. Monmouth, NJ	5.154	-		-		-		-	0.000	5.154	Continuing	
Acquisition Support	TBD	LMI,:Ft. Monmouth, NJ	1.075	-		-		-		-	0.000	1.075	Continuing	
Subtotal			15.265	0.386		-		-		-				

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Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 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
Systems Engineering and Test	TBD	Northrop Grumman,;Carson, CA	2.933	1.218		0.800		-		0.800	Continuing	Continuing	Continuing
Systems Engineering and Test	TBD	To Be Determined:To Be Determined	-	-		-		-		-	Continuing	Continuing	Continuing
GOVT	TBD	VARIOUS:Various	5.575	-		-		-		-	Continuing	Continuing	Continuing
Dev. Testing & Eval.	TBD	EPG,;Edgewood, MD	1.028	-		-		-		-	Continuing	Continuing	Continuing
Oper. Testing	TBD	ATEC,;Washington, DC	2.633	-		-		-		-	Continuing	Continuing	Continuing
Subtotal			12.169	1.218		0.800		-		0.800			

	Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	253.905	14.290		5.258		-		5.258			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Army			DATE: February 2011
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 0603805A: <i>Combat Service Support Control System Evaluation and Analysis</i>	PROJECT 091: <i>CBT SVC SPT CONTRL SYS</i>

	FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015				FY 2016			
	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
PM Battle Command Capability Set 13-14 Software Development																												
PD BCS3 Capability Set 13-14 Software Development																												
PM Battle Command Capability Set 15-16 Software Development																												
PM Battle Command Capability Set 17-18 Software Development																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Army			DATE: February 2011
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 0603805A: <i>Combat Service Support Control System Evaluation and Analysis</i>	PROJECT 091: <i>CBT SVC SPT CONTRL SYS</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
PM Battle Command Capability Set 13-14 Software Development	1	2010	1	2012
PD BCS3 Capability Set 13-14 Software Development	2	2010	3	2011
PM Battle Command Capability Set 15-16 Software Development	1	2012	1	2014
PM Battle Command Capability Set 17-18 Software Development	1	2014	4	2015

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