Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

2040: Research, Development, Test & Evaluation, Army

PE 0303150A: WWMCCS/Global Command and Control System

BA 7: Operational Systems Development

COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	12.599	11.972	13.024	0.000	13.024	1.632	7.977	8.123	8.254	Continuing	Continuing
C86: ARMY GLOBAL C2 SYSTEM	12.599	11.972	13.024	0.000	13.024	1.632	7.977	8.123	8.254	Continuing	Continuing

A. Mission Description and Budget Item Justification

Global Command and Control System-Army (GCCS-A): This project is the Army component system that directly supports the implementation of the Global Command and Control System Family of Systems. GCCS-A provides automated command and control tools for Army Strategic and Operational Theater Commanders to enhance warfighter capabilities throughout the spectrum of conflict during joint and combined operations in support of the National Command Authority (NCA). The GCCS-A developed software systems dramatically improves the Army's ability to analyze courses of action; develop and manage Army Forces; and ensure feasibility of war plans. GCCS-A provides a client-server layered architecture and functional best-of-breed software applications to develop a totally integrated component of the Global Command and Control System Family of Systems that integrates the GCCS-Joint picture with the Army Battle Command Systems. The GCCS-A strategic tools have been modernized and replaced by DRRS-A, a suite of web based applications for Army Readiness, Force Registration and Force Projection.

B. Program Change Summary (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	12.879	12.034	0.000	0.000	0.000
Current President's Budget	12.599	11.972	13.024	0.000	13.024
Total Adjustments	-0.280	-0.062	13.024	0.000	13.024
 Congressional General Reductions 		-0.062			
 Congressional Directed Reductions 		0.000			
 Congressional Rescissions 	0.000	0.000			
 Congressional Adds 		0.000			
 Congressional Directed Transfers 		0.000			
 Reprogrammings 	0.000	0.000			
 SBIR/STTR Transfer 	-0.280	0.000			
 Adjustments to Budget Years 	0.000	0.000	13.024	0.000	13.024

Change Summary Explanation

Change Summary Explanation: Funding FY 11: +13.024 million increase to support Battle Command requirements.

DATE: February 2010

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APPROPRIATION/BUDGET ACTI 2040: Research, Development, Test & I BA 7: Operational Systems Developme		NOMENCLA A: WWMCCS em	_	nand and	PROJECT C86: ARMY GLOBAL C2 SYSTEM						
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
C86: ARMY GLOBAL C2 SYSTEM	12.599	11.972	13.024	0.000	13.024	1.632	7.977	8.123	8.254	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army

Global Command and Control System-Army (GCCS-A): This project is the Army component system that directly supports the implementation of the Global Command and Control System Family of Systems. GCCS-A provides automated command and control tools for Army Strategic and Operational Theater Commanders to enhance warfighter capabilities throughout the spectrum of conflict during Joint and combined operations in support of the National Command Authority (NCA). The GCCS-A developed software systems dramatically improves the Army's ability to analyze courses of action; develop and manage Army Forces; and ensure feasibility of war plans. GCCS-A provides a client-server layered architecture and functional best-of-breed software applications to develop a totally integrated component of the Global Command and Control System Family of Systems that integrates the GCCS-Joint picture with the Army Battle Command Systems. The GCCS-A strategic tools have been modernized and replaced by Defense Readiness Reporting System-Army (DRRS-A), a suite of web based applications for Army Readiness, Force Registration and Force Projection.GCCS-Army is a part of the GCCS Family of Systems (FoS). As such and responding to Congressional direction (Section 247 of Fiscal Year 2010 NDAA), it will form the basis for the evolution of new command and control capabilities within the Department of Defense. While sustaining and synchronizing currently fielded operations, the Army will modernize and enhance current capabilities to support both the Service and Joint warfighter as a part of a synchronized, orchestrated DoD-wide effort that will transition the current GCCS FoS into a more agile, net-centric, services-oriented environment. These efforts will take advantage of both streamlined processes within the requirements community, such as the "IT Box" and ongoing changes in the information technology (Section 804 of Fiscal Year 2010 NDAA).

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	0.135	0.266	0.274	0.000	0.274
Perform Software and System Engineering Services					
FY 2009 Accomplishments: FY 2009					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: Febr	uary 2010	
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0303150A: WWMCCS/Global Command and Control System	PROJECT C86: ARMY GLOBAL C2 SYSTEM			
B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #2	10.870	9.741	10.986	0.000	10.986
Accomplish Software Development of automated Command and Control to	pols				
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Program #3	0.759	0.883	0.828	0.000	0.828
Perform Data Engineering					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: Febr	ruary 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0303150A: WWMCCS/Global Comn Control System	nand and	PROJECT C86: ARMY GLOBAL C2 SYSTEM				
B. Accomplishments/Planned Program (\$ in Millions)							
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
FY 2009 Accomplishments: FY 2009							
FY 2010 Plans: FY 2010							
FY 2011 Base Plans: FY 2011 Base							
FY 2011 OCO Plans: FY 2011 OCO							
Program #4		0.244	0.237	0.316	0.000	0.316	
Conduct Test and Evaluation							
FY 2009 Accomplishments: FY 2009							
FY 2010 Plans: FY 2010							
FY 2011 Base Plans: FY 2011 Base							
FY 2011 OCO Plans: FY 2011 OCO							
Program #5		0.591	0.610	0.620	0.000	0.620	

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: Febr	ruary 2010	
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0303150A: WWMCCS/Global Comm Control System	nand and	PROJECT C86: ARMY	GLOBAL C2	SYSTEM	
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Perform Program Support and Management Efforts						
FY 2009 Accomplishments: FY 2009						
FY 2010 Plans: FY 2010						
FY 2011 Base Plans: FY 2011 Base						
FY 2011 OCO Plans: FY 2011 OCO						
Program #6		0.000	0.235	0.000	0.000	0.000
Small Business Innovative Research/Small Business Technology Transfer	Programs					
FY 2009 Accomplishments: FY 2009						
FY 2010 Plans: FY 2010						
FY 2011 Base Plans: FY 2011 Base						
FY 2011 OCO Plans: FY 2011 OCO						

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
2040: Research, Development, Test & Evaluation, Army	PE 0303150A: WWMCCS/Global Command and	C86: <i>ARMY</i>	GLOBAL C2 SYSTEM
BA 7: Operational Systems Development	Control System		

B. Accomplishments/Planned Program (\$ in Millions)

			FY 2011	FY 2011	FY 2011
	FY 2009	FY 2010	Base	OCO	Total
Accomplishments/Planned Programs Subtotals	12.599	11.972	13.024	0.000	13.024

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

			<u>FY 2011</u>	<u>FY 2011</u>	<u>FY 2011</u>					Cost To	
<u>Line Item</u>	FY 2009	FY 2010	Base	OCO	Total	FY 2012	FY 2013	FY 2014	FY 2015	Complete	Total Cost
• Ord. #1: BA8250 Global Command	31.420	22.923	20.387	0.000	20.387	15.820	17.844	13.707	4.401	Continuing	Continuing
& Control System-Army (GCCSA)											

D. Acquisition Strategy

GCCS-A was slated for replacement by the future Department of Defense (DoD) Command and Control (C2) system, the Net Enabled Command Capability (NECC) program. The NECC program was cancelled by the Defense Acquisition Executive (DAE) on 2 November 2009. The GCCS-A will be maintained and upgraded as necessary until a future DoD C2 system is available. The strategy for Defense Readiness Reporting System-Army (DRRS-A) is based on annual software releases integrating HQDA (Office of Defense Readiness) directed changes. In accordance with the TRADOC requirements document approved in 2008, entitled GCCS-A 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.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0303150A: WWMCCS/Global Command and

Control System

PROJECT

C86: ARMY GLOBAL C2 SYSTEM

Product Development (\$ in Millions)

				FY:	FY 2010		FY 2011 Base		FY 2011 OCO						
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	С	Lockheed Martin Corp Springfield, VA	136.391	3.527		0.000		0.000		0.000	Continuing	Continuing	0		
Software Development - 2	С	TBD Location could not be determined.	0.000	4.927		7.489		0.000		7.489	Continuing	Continuing	0		
Defense Readiness Reporting System-Army	С	Accenture Camden, NJ	1.748	1.025		3.000		0.000		3.000	Continuing	Continuing	0		
Developmental Hardware/ Licensing	С	Various Location could not be determined.	0.005	0.000		0.230		0.000		0.230	Continuing	Continuing	0		
Technical Management	С	PM BC Fort Monmouth, NJ	38.101	0.000		0.000		0.000		0.000	Continuing	Continuing	0		
Matrix	С	CECOM Fort Monmouth, NJ & Fort Belvoir, VA	5.189	0.262		0.267		0.000		0.267	Continuing	Continuing	0		
System Engineering	С	Various Location could not be determined.	4.777	0.266		0.274		0.000		0.274	Continuing	Continuing	0		
ABCS System Engineering & Integration Efforts	С	PEO C3T Fort Monmouth, NJ	1.514	0.000		0.000		0.000		0.000	Continuing	Continuing	1.514		
GFE	С	Various Location could not be determined.	1.464	0.000		0.000		0.000		0.000	Continuing	Continuing	1.465		
Product Studies	С	SAIC VA	2.391	0.000		0.000		0.000		0.000	Continuing	Continuing	2.391		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

2040: Research, Development, Test & Evaluation, Army

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0303150A: WWMCCS/Global Command and

Control System

PROJECT

C86: ARMY GLOBAL C2 SYSTEM

Product Development (\$ in Millions)

			FY	FY 2011 2010 Base		FY 2011 OCO		FY 2011 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
COE Support	С	Various Location could not be determined.	1.766	0.000		0.000		0.000		0.000	Continuing	Continuing	1.766
		Subtotal	193.346	10.007		11.260		0.000		11.260			7.136

Remarks

Support (\$ in Millions)

				FY	2010	FY 2 Ba	2011 ase	FY 2	2011 CO	FY 2011 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
FCBS/CSC	С	Various Location could not be determined.	2.389	0.000		0.000		0.000		0.000	0	2.389	2.389
INRI	С	Various Location could not be determined.	0.200	0.000		0.000		0.000		0.000	0	.200	.200
Support Contractors	С	Nothing entered for Activity and Location. Location could not be determined.	9.347	0.883		0.828		0.000		0.828	Continuing	Continuing	0
		Subtotal	11.936	0.883		0.828		0.000		0.828			2.589

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

PROJECT

2040: Research, Development, Test & Evaluation, Army

PE 0303150A: WWMCCS/Global Command and

C86: ARMY GLOBAL C2 SYSTEM

BA 7: Operational Systems Development

Control System

Support (\$ in Millions)

				FY	2010		2011 ase		2011 CO	FY 2011 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

Remarks

Test and Evaluation (\$ in Millions)

				FY	2010		2011 ase		2011 CO	FY 2011 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	С	Various Location could not be determined.	4.254	0.237		0.116		0.000		0.116	Continuing	Continuing	5.106
EPG	С	Various Location could not be determined.	0.786	0.000		0.000		0.000		0.000	Continuing	Continuing	.786
ATEC	С	Various Location could not be determined.	2.602	0.000		0.200		0.000		0.200	Continuing	Continuing	0
	,	Subtotal	7.642	0.237		0.316		0.000		0.316			5.892

Remarks

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army

DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

PROJECT

2040: Research, Development, Test & Evaluation, Army

PE 0303150A: WWMCCS/Global Command and

C86: ARMY GLOBAL C2 SYSTEM

BA 7: Operational Systems Development

Control System

Management Services (\$ in Millions)

				FY 2010			2011 ase		2011 CO	FY 2011 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	С	PM BC Ft. Monmouth, NJ	8.547	0.610		0.620		0.000		0.620	Continuing	Continuing	0
SBIR	С	PM BC Ft. Monmouth, NJ	0.000	0.235		0.000		0.000		0.000	Continuing	Continuing	0
		Subtotal	8.547	0.845		0.620		0.000		0.620			0.000

Remarks

	Total Prior Years Cost	FY 2010	FY :	2011 ase	FY 2	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	221.471	11.972	13.024		0.000	13.024			15.617

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Army

APPROPRIATION/BUDGET ACTIVITY
2040: Research, Development, Test & Evaluation, Army
BA 7: Operational Systems Development

Control System

DATE: February 2010

R-1 ITEM NOMENCLATURE
PE 0303150A: WWMCCS/Global Command and Control Systems

PROJECT
C86: ARMY GLOBAL C2 SYSTEM

	FY 2009		FY 2010			FY 2011			FY 2012			FY 2013			3	FY 2014			FY 2015			;						
	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
Block 4.2 Software Development/Software Fixes						#	#	#	#	#	#																	

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Army			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT	
2040: Research, Development, Test & Evaluation, Army	PE 0303150A: WWMCCS/Global Command and	C86: <i>ARMY</i>	GLOBAL C2 SYSTEM
BA 7: Operational Systems Development	Control System		

Schedule Details

	Sta	art	Eı	nd
Event	Quarter	Year	Quarter	Year
Block 4.2 Software Development/Software Fixes	2	2010	3	2011