

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

**May 2009**

<b>BUDGET ACTIVITY</b>		<b>PE NUMBER AND TITLE</b>			
<b>4 - Advanced Component Development and Prototypes</b>		<b>0603805A - Combat Service Support Control System Evaluation and Analysis</b>			
COST (In Thousands)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	Cost to Complete	Total Cost
091      CBT SVC SPT CONTRL SYS	14389	17729	9868	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.

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<u><b>B. Program Change Summary</b></u>	FY 2008	FY 2009	FY 2010
Previous President's Budget (FY 2009)	14959	17788	10028
Current BES/President's Budget (FY 2010)	14389	17729	9868
Total Adjustments	-570	-59	-160
Congressional Program Deductions		-59	
Congressional Rescissions			
Congressional Increases			
Reprogrammings	-184		
SBIR/STTR Transfer	-386		
Adjustments to Budget Years			-160

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

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<b><u>Accomplishments/Planned Program:</u></b>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Program Office Management	202	317	395
TRADOC Capabilities Manager (TCM) Functionality	6923	7030	3613
Battle Command (BC) Migration	5236	7299	4332
Systems Engineering and Test	2028	2620	1528
Small Business Innovative Research/Small Business Technology Transfer Programs.		463	
<b>Total</b>	<b>14389</b>	<b>17729</b>	<b>9868</b>

<b><u>B. Other Program Funding Summary</u></b>	FY 2008	FY 2009	FY 2010	To Compl	Total Cost
Procurement, OPA 2 (W34600)	33209	36720	34539	Continuing	Continuing

Comment:

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PROJECT

**091**

**C. Acquisition Strategy** In accordance with the 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.

# ARMY RDT&E COST ANALYSIS (R3)

May 2009

BUDGET ACTIVITY			PE NUMBER AND TITLE								PROJECT	
<b>4 - Advanced Component Development and Prototypes</b>			<b>0603805A - Combat Service Support Control System Evaluation and Analysis</b>								<b>091</b>	
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Software Development	SS/TM	Northrop Grumman, Carson, CA	136812	12159	1-4Q	14792	1-4Q			Cont.	163763	168482
Software Development	TM/CPAF	TBD					1-4Q	7945			7945	
Software Development	SS/TM	Tapestry Solutions, San Diego, CA	13262								13262	13262
Training Development	C/TM	Lockheed Martin, Tinton Falls, NJ	13514								13514	13514
ABCS SE&I Effort	MIPR	PEO C3T, Ft. Monmouth, NJ	7686								7686	7686
GFE	MIPR	Various	3601								3601	3601
Subtotal:			174875	12159		14792		7945		Cont.	209771	206545
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Technical Support	TM	L3, Ft. Lee, VA	8321	354	1-4Q	361	1-4Q	368		Cont.	Cont.	9404
CECOM, Matrix	MIPR	Ft. Monmouth , NJ & Ft. Belvoir, VA	5154								5154	5154
Acquisition Support	TM	LMI, McLean, VA	1075								1075	1075
Subtotal:			14550	354		361		368		Cont.	Cont.	15633
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract

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Systems Engineering and Test	SS/TM	Northrop Grumman, Carson, CA		1674	1-4Q	2259	1-4Q	1160	1-4Q		5093	5479
GOVT	MIPR	VARIOUS	5575								5575	5575
Dev. Testing & Eval.	MIPR	EPG, VARIOUS	1028								1028	1028
Oper. Testing	MIPR	ATEC, VARIOUS	2633							Cont.	2633	2633
Subtotal:			9236	1674		2259		1160		Cont.	14329	14715

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Program Office Management	In House	Ft. Belvoir, VA	27647	202	1-4Q	317	1-4Q	395		Cont.	Cont.	31561
Subtotal:			27647	202		317		395		Cont.	Cont.	31561

<b>Project Total Cost:</b>			<b>226308</b>	<b>14389</b>		<b>17729</b>		<b>9868</b>		<b>Cont.</b>	<b>Cont.</b>	<b>268454</b>
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# Schedule Detail (R4a Exhibit)

May 2009

BUDGET ACTIVITY <b>4 - Advanced Component Development and Prototypes</b>	PE NUMBER AND TITLE <b>0603805A - Combat Service Support Control System Evaluation and Analysis</b>	PROJECT <b>091</b>
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<u>Schedule Detail</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>
TRADOC Capabilities Manager (TCM) Functionality	1Q - 4Q	1Q - 4Q	1Q - 4Q					
Battle Command (BC) Migration	1Q - 4Q	1Q - 4Q	1Q - 4Q					
Systems Engineering and Test	1Q - 4Q	1Q - 4Q	1Q - 4Q					
Capability Set 09-10 Development	1Q - 4Q	1Q - 2Q						
Capability Set 11-12 Development	3Q - 4Q	1Q - 4Q	1Q - 3Q					
Capability Set 13-14 Development			3Q - 4Q					