ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)	**February 2006**

BUDGET ACTIVITY **4 - Advanced Component Development and Prototypes**	PE NUMBER AND TITLE **0603805A - Combat Service Support Control System Evaluation a**	PROJECT **091**

COST (In Thousands)	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
091 CBT SVC SPT CONTRL SYS	6117	10507	8645	8555	8430	2967	2152	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.

Accomplishments/Planned Program	FY 2005	FY 2006	FY 2007
Add Version 4.6.3 (Initial Combat Power)	0	0	0
Add Version 4.6.3.1 (ABCS 6.3D) Development	0	0	0
Support to Stryker Brigade Combat Team ((SBCT)/Warfighting Experiments/Counter Attack Corps)	0	0	0
Support to Training Development (Performance Support System/Distributed Training (SS/DTV))	0	0	0
Continued Development of Joint, Logistics Info Systems (LIS) Interfaces and maintain interoperability requirements as well as COE upgrades and Security	2338	4240	5457
LCOP Integration	858	1678	0
LCOP/JDLM Simulation	521	1123	836
CAPES Integration	515	775	0
Operational Testing	0	323	126
Training Development	128	568	381
PM Office	1757	1800	1845
Total	6117	10507	8645

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B. Program Change Summary	FY 2005	FY 2006	FY 2007
Previous President's Budget (FY 2006)	6138	10659	8481
Current BES/President's Budget (FY 2007)	6117	10507	8645
Total Adjustments	-21	-152	164
Congressional Program Deductions			
Congressional Rescissions	-5		
Congressional Increases			
Reprogrammings	-16		
SBIR/STTR Transfer			
Adjustments to Budget Years		-152	164

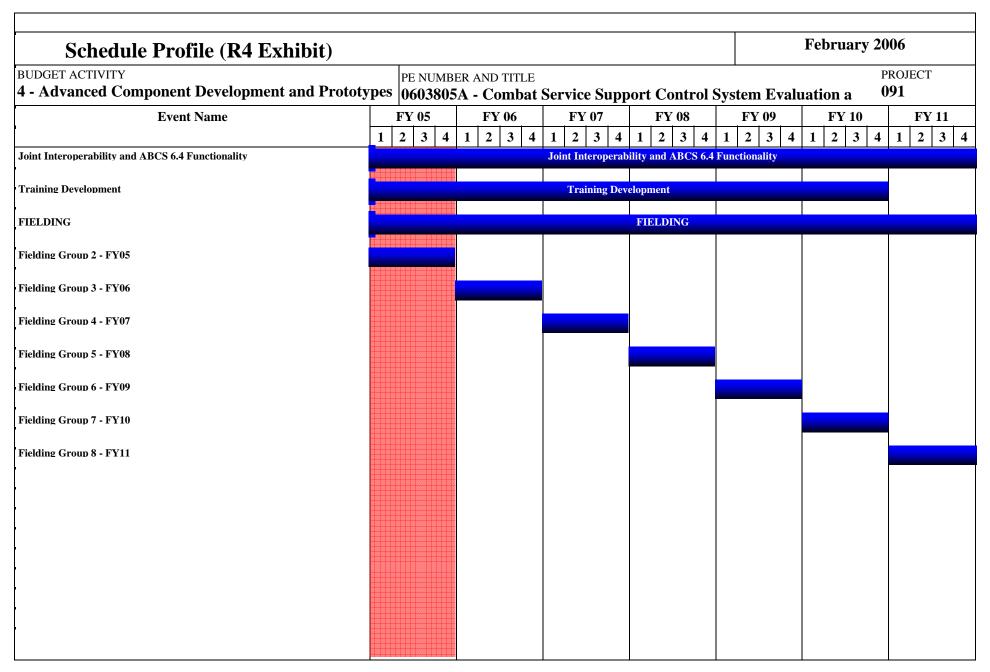| **C. Other Program Funding Summary**	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
Procurement, OPA 2 (W34600)	48816	10013	31986	26315	12556	12273	5155	CONT	CONT

Comment:

D. Acquisition Strategy The BCS3 acquisition strategy uses a spiral development process that is structured for capabilities to mature and evolve over successive software versions. Versions 1 and 2 served as proof of principle. They provided initial division-level CSS functional capability on common hardware. Version 3 was built on the capabilities of the two previous versions and provided an Initial Operational Capability at Division and Corps level to include initial horizontal interoperability with other Battlefield Functional Area (BFA) systems. Version 4 development included expansion to echelons above Corps (EAC) but has recently undergone additional modification to include BCS3 functionality. BCS3 leverages key identified CSS functionality from the original capability and integrates it with ABCS systems and with numerous national level databases to provide multi-echelon CSS planning and enhanced combat power analysis capabilities. The objective software will provide functionality from tactical (down to maneuver brigade) to strategic level and extend capabilities to Joint, allied and coalition forces.

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ARMY RDT&E COST ANALYSIS (R3)

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BUDGET ACTIVITY
4 - Advanced Component Development and Prototypes

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I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Software Development	SS/TM	Tapestry Solutions, San Diego, CA	0	0	1-2Q	4690	1-2Q	4895	1-2Q	Continue	Continue	Continue
Software Development	SS/TM	Northrop Grumman, Carson, CA	124416	4232	1-2Q	3126	1-2Q	1398	1-2Q	Continue	Continue	Continue
Training Development	C/TM	Lockheed Martin, Tinton Falls, NJ	11928	128	1-2Q	568	1-2Q	381	1-2Q	Continue	Continue	Continue
ABCS SE&I Effort	MIPR	PEO C3T, Ft Monmouth, NJ	7686	0		0		0		0	7686	7686
GFE	MIPR	Various	3601	0		0		0		0	3601	3601
Subtotal:			147631	4360		8384		6674		Continue	Continue	Continue

II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
CECOM, Matrix	MIPR	FT. Monmouth , NJ & Ft. Belvoir, VA	5154	0		0		0		0	5154	5154
Technical Support	MIPR	EER, Fort Lee, VA	8321	0		0		0		0	8321	8321
Acquisition Support	MIPR	LMI, McLean, VA	1075	0		0		0		0	1075	1075
Subtotal:			14550	0		0		0		0	14550	14550

III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
GOVT	MIPR	VARIOUS	5575	0		0		0		0	5575	5575
Dev. Testing & Eval.	MIPR	EPG, VARIOUS	1028	0		0		0		0	1028	1028
Oper. Testing	MIPR	ATEC, VARIOUS	1868	0		323	1-4Q	126	1-4Q	Continue	Continue	Continue

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BUDGET ACTIVITY **4 - Advanced Component Development and Prototypes**	PE NUMBER AND TITLE **0603805A - Combat Service Support Control System Evaluation a**									PROJECT **091**	
Subtotal:		8471	0		323		126		Continue	Continue	Continue

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Program Office Management	In House	FT. BELVOIR, VA	21044	1757	1-4Q	1800	1-4Q	1845	1-4Q	Continue	Continue	Continue
Subtotal:			21044	1757		1800		1845		Continue	Continue	Continue
Project Total Cost:			**191696**	**6117**		**10507**		**8645**		**Continue**	**Continue**	**Continue**

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Schedule Profile (R4 Exhibit)

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
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Event Name	FY 05				FY 06				FY 07				FY 08				FY 09				FY 10				FY 11			
	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
Joint Interoperability and ABCS 6.4 Functionality																												
Training Development																												
FIELDING																												
Fielding Group 2 - FY05																												
Fielding Group 3 - FY06																												
Fielding Group 4 - FY07																												
Fielding Group 5 - FY08																												
Fielding Group 6 - FY09																												
Fielding Group 7 - FY10																												
Fielding Group 8 - FY11																												

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Schedule Detail (R4a Exhibit)

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Schedule Detail	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Support to Stryker Brigade Combat Team (SBCT)	1-4Q	1-4Q					
Support to Training Dev PSS/DTV							
BCS3 Development							
LCOP Integration	1-4Q	1-4Q					
CAPES Integration	1-4Q	1-4Q					
LCOP/JDLM Simulation	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q		
Continued Development of Joint, Logistic Info System (LIS) Interfaces and Maintain Interoperability	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Training Development	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	
Operational Testing	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q		
Program Management	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q

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Exhibit R-4a
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