ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

February 2006

BUDGET ACTIVITY

5 - System Development and Demonstration

PE NUMBER AND TITLE

0605013A - Information Technology Development

_	_						_			
	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
	Total Program Element (PE) Cost	68893	66106	70185	64022	60327	47677	30023	Continuing	Continuing
087	Distributed Learning System (DLS)	207	4770	1292	403	403	403	403	Continuing	10681
099	Army Human Resource System (AHRS)	7179	6660	3226	1551	1506	1533	1560	Continuing	35692
137	TRANS COORDINATORS' AUTO INFO FOR MOVEMENT SYS II	17915	17570	22586	19434	22159	19203	1370	0	145280
184	INSTALLATION SUPPORT MODULES (ISM)	1880	998	1072	1098	1118	1136	1146	0	11023
193	MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE	11765	8184	10644	9258	8295	7327	7563	0	75372
196	Chief Information Office (CIO)	8966	0	0	0	0	0	0	0	15458
252	TACMIS	5135	0	0	0	0	0	0	Continuing	Continuing
316	STACOMP	8017	9297	14013	9566	6658	4060	4147	0	79541
474	ENTERPRISE TRANSMISSION SYSTEMS	4629	5400	3059	1012	1004	3045	4580	0	22729
738	Future Business Systems (FBS)	0	13227	14293	21700	19184	10970	9254	0	88628
M05	GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	47	0	0	0	0	0	0	Continuing	Continuing
T03	INFORMATION TECH DEVELOPMENT - ROCK ISLAND ARSENAL	1907	0	0	0	0	0	0	0	1907
T04	USMEPCOM TRANSFORMTION - IT MODERNIZATION	1246	0	0	0	0	0	0	0	1264

A. Mission Description and Budget Item Justification: Supports efforts to plan, design, develop, and test information technology solutions to fulfill the Army's Warfighter Support Mission and accommodate changing Army requirements while fulfilling future Army needs. Provides for development and acquisition of Combat Service Support (CSS) and business information technology solutions to help arm, sustain, fix, move, train and man the force. Completed development/acquisition efforts will also enhance sustaining base functions and power projection capabilities and facilitate global messaging and electronic data interchange (EDI). Ongoing development efforts support multiple functional areas including logistics, personnel, transportation, training, medical/health protection, and sustaining base.

ARMY RDT&E BUDGET ITEN	M JUSTIFIC	CATION	(R2 Ex	hibit)	February 2006
BUDGET ACTIVITY 5 - System Development and Demonstration	PE NUMBER 0605013 A	-			
B. Program Change Summary	FY 2005	FY 2006	FY 2007		
Previous President's Budget (FY 2006)	95836	63662	71523		
Current BES/President's Budget (FY 2007)	68893	66106	70185		
Total Adjustments	-26943	2444	-1338		
Congressional Program Reductions		-290			
Congressional Rescissions		-666			
Congressional Increases		3400			
Reprogrammings	-26943				
SBIR/STTR Transfer					
Adjustments to Budget Years			-1338		

FY05 decrease due to Congressional reprogramming action, approved April 2005, transferring funds from Army PE 655013316/OSDPE 0605013A(316) to 654822GF5/OSDPE 0604822A(GF5) for the General Funds Enterprise Business Systems (GFEBS); FY06 increase due to Congressional adds for eHRS & ARDEC Knowledge Base, and internal HQDA adjustments; FY07 decrease reflects HQDA adjustments.

February 2006 **ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)** BUDGET ACTIVITY PE NUMBER AND TITLE **PROJECT** 5 - System Development and Demonstration 0605013A - Information Technology Development 087 FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Cost to Total Cost COST (In Thousands) Estimate Estimate Estimate Estimate Estimate Estimate Estimate Complete 087 Distributed Learning System (DLS) 207 4770 1292 403 403 403 403 Continuing 10681

A. Mission Description and Budget Item Justification: The Distributed Learning System (DLS) is an Army Acquisition Category 1 Army Component (ACAT 1AC) major automated information system that will modernize training delivery in the Army training and education system by leveraging information technology (IT). DLS is an integral component of the Department of Defense Advanced Distributed Learning Initiative (ADLI), and Strategic Plan for Transforming DOD Training, which calls for the full exploitation of technologies to support quality education and training. DLS supports the E-Government strategy by using the Web to provide training materials, by enabling the intra-agency sharing of training data, and by adopting commercial practices and products to reduce operating costs. DLS supports the President's Management Agenda by making use of e-Learning to leverage scarce training funds and to provide greater agency access to training materials. DLS provides standard automation and supporting infrastructure to improve Army's ability to train service members and supporting civilian workforce in all Army components by introducing proven distance learning enhancements into the Army training inventory.

FY2007 funding procures post-production support of operational test & evaluation (OTE) of Increment 4 (DDTC) system design, specification and development (SSD), developmental testing and evaluation (DT&E), and operational test and evaluation (OT&E).

Accomplishments/Planned Program	FY 2005	FY 2006	FY 2007
Increment 4 (DDTC) - System Design, Specification, and Development (SSD)	0	3197	0
Increment 4 (DDTC) - System Test & Evaluation (DTE & OTE)	207	1073	1292
Increment 3 (ALMS) - Post-production support test & evaluation (OTE)	0	500	0
Total	207	4770	1292

B. Other Program Funding Summary	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
OMA APEs 432615/432612/432126	36514	35606	40998	36366	41495	42565	44250	CONT	CONT
OPA SSN BE4173 THE ARMY DISTANCE LEARNING PROGRAM	3094	11789	6670	8570	8522	13517	7821	CONT	CONT

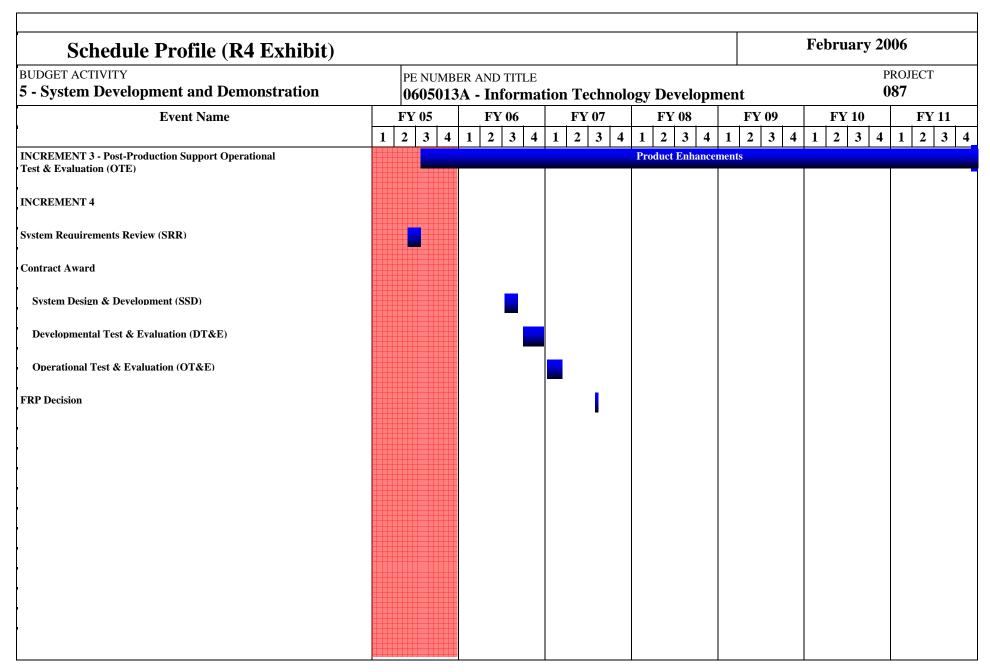
<u>C. Acquisition Strategy</u> Distributed Learning System (DLS) follows an evolutionary acquisition strategy using a spiral development process based on the following rationale: (1) cost savings can be realized immediately upon implementation of even a limited set of facilities, courseware, and media types; (2) requirements for future increments are

ARMY RDT&E BUDGET ITEM JU	USTIFICATION (R2a Exhibit)	February 2006
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
5 - System Development and Demonstration	0605013A - Information Technology Development	087

dependent upon technology maturation. DLS will be executed using four discrete increments narrow in scope and as brief in duration as practical to deliver a measurable net benefit independent of future segments. Each increment satisfies a set of requirements identified in the Capabilities Production Document (CPD) and provides a militarily useful and operationally supportable function, which permits additional increments to be added over time without having to completely re-design and redevelop those portions of the system already fielded. New capabilities requirements will be integrated with the existing functional baseline system as technologies and capabilities mature using system releases where feasible. A rigid configuration management program is established to maintain the integrity of each functional and technical baseline. The approved DLS acquisition strategy identifies four increments for implementation. Two previously identified capability requirements (Video-to-the-Desktop and Simulations) are best satisfied by changes to the existing Increment 2 (Networked DLS) platform as future system releases.

ARMY RDT&	E COST	Γ ANALYSIS	(R3)							Februar	y 2006	
BUDGET ACTIVITY 5 - System Development a	nd Demons	tration	PE NUMBI 0605013			Гесhnolo	gy Devel	lopment			PROJEC 087	CT
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
System Design & Development (SSD) Deployed Digital Training Campus (DDTC) - Increment 4	C/CPIF	TBD	0	0		3197	1Q	0		Continue	0	Continue
Subtota	al:		0	0		3197		0		Continue	0	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
Program Management Support	C/FP	L3 Communications Titan Corporation, Newport News, VA	762	0		0		0		762	762	0
Subtota	al:		762	0		0		0		762	762	C
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	Targe Value of Contrac
Developmental Test & Evaluation (DT&E), Increment 4	C/CPIF	TBD	0	0		798	4Q	0		Continue	Continue	Continue
Operational Test & Evaluation [OT&E], Increment 4	MIPR	ATEC: ATC, Washington, DC;OTC, Ft. Hood, TX	792	207	1Q	275	1Q	792	1Q	Continue	Continue	Continue
Post Production Operational Test & Evaluation (OTE), Increment 3	MIPR	ATEC: ATC, Washington, DC;OTC, Ft. Hood, TX	0	0		500	1Q	500	1Q	Continue	Continue	Continue
Subtota	al:		792	207		1573		1292		Continue	Continue	Continue

ARMY RDT	&E COST	Γ ANALYSIS	(R3)							February	y 2006	
BUDGET ACTIVITY 5 - System Development a	and Demons	tration	PE NUMBE 0605013 .			Technolo	gy Deve	lopment			PROJEC 087	CT
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	Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Targe Value o Contrac
Program Managment Operations	N/A	Project Management Office (PMO) DLS, Newport News, VA	707	0		0		0		707	707	(
Subto	tal:	-	707	0		0		0		707	707	(
Remarks: Program Management Op	perations includes	s direct pay of PMO gover	nment emplo	yees, TDY, t	training, sup	plies, etc.				·		
Project Total (74.		2261	207		4770		1292		1469	1469	



Schedule Detail (R4a Exhibit) BUDGET ACTIVITY 5 - System Development and Demonstration PE NUMBER AND TITLE 0605013A - Information Technology Development PROJECT 087

Schedule Detail	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Increment 3 [ALMS] Post-Production Support (Product Enhancements)	3-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Increment 4 [DTTC] System Requirements Review (SRR)	2-3Q						
Increment 4 [DDTC] Contract Award		2Q					
Increment 4 [DDTC] System Design & Development (SSD)		3Q					
Increment 4 [DDTC] Developmental Test & Evaluation (DT&E)		4Q					
Increment 4 [DDTC] Operational Test & Evaluation (OT&E)		4Q					
Full Rate Production (FRP) Decision			3Q				

Termination Liability Funding For Major Defense A	cquisition Progra	ms, RDT&	E Funding	g (R5)		Febr	uary 2006	
BUDGET ACTIVITY 5 - System Development and Demonstration	PE NUMBER AND 7 0605013A - Info		Technolog	gy Develop	oment		PRO. 087	IECT
Funding in \$000	•							
Program		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total Termination Liability Funding:								

Remarks:

The DLS Increment 4, Deployed Digital Training Campus (DDTC), System Design & Development (SSD) contractor is currently unknown and to be determined no later than 31 March 2006. This contract action will accommodate termination liability funding as applicable.

	ARMY RDT&E BUDGET IT	TEM JU	STIFIC	ATION	(R2a Ex	khibit)		I I	February 2	006
			PE NUMBER A 0605013A -			PROJECT 099				
	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
099	Army Human Resource System (AHRS)	7179	6660	3226	1551	1506	1533	1560	Continuing	35692

- A. Mission Description and Budget Item Justification: Army Human Resource System (AHRS) is the Army's system of systems that provides commanders the necessary personnel information to make informed decisions on mobilized military personnel resources (both Active Duty and Reserve Component). The implementation of AHRS requires the development of an authoritative Army Corporate database to support the eventual migration to the Defense Integrated Military Human Resource System (DIMHRS). However, major elements of AHRS are not planned to be subsumed into DIMHRS. AHRS consists of three major components:
- Electronic Military Personnel Office (eMILPO) is a web-based, multi-tiered application, accessed via the AKO portal. eMILPO provides the U.S. Army with a reliable, timely, and efficient mechanism for performing personnel actions and managing strength accountability. The application is vital in determining the strength and capability of the Army and subordinate commands. It delivers enhanced performance to the Soldier, providing superior data accuracy, and a more intuitive web-based approach resulting in increased productivity, quality, timeliness, security, and user satisfaction. It re-hosted the USC Title 10 functionality, formerly resident in the Standard Installation Division Personnel System-3 (SIDPERS-3) application, for the migration to DIMHRS. Select elements of eMILPO will need to be operated in parallel with DIMHRS until/unless DIMHRS is able to absorb all eMILPO functionality.
- Deployed Theater Accountability System (DTAS) is a web-enabled system residing on the Secret Internet Protocol Router (SIPRNet) that accounts for military and civilian personnel in a deployed theater by unit, day and location supporting force tracking and deployed Operations Tempo (OPTEMPO) tracking. DTAS will continue to exist after DIMHRS migration and will be interfaced to DIMHRS in order to provide this accountability function, which is not present within DIMHRS.
- The Tactical Personnel System (TPS) is a stand-alone application for task organization/manifests and jump manifests used by tactical units. The system interfaces with DTAS, allowing soldiers to be loaded into DTAS en mass upon arrival in theater. TPS will need to operate for some time after DIMHRS migration, and will eventually be subsumed into DIMHRS or the Army Enterprise Human Resource System (eHRS).

Personnel Transformation (PT)-Army Enterprise Human Resource System (eHRS)- The eHRS Human Resources community's mission is to simultaneously provide relevant and reliable personnel management while modernizing or retiring aging processes and technologies, now during the transition to the Defense Integrated Military Human Resources System (DIMHRS), and into the future. The Army eHRS was initially intended to compliment DIMHRS by developing a parallel, PeopleSoft based system to provide the Army's human resources functionality which is not being subsumed by DIMHRS. That initial vision has evolved from building another system, to a vision of providing a data integration service in which data can be extracted from the current human resource systems and transferred to DIMHRS. This service will be provided through an integration layer, which is a middleware application that will be the one interface to and from DIMHRS and the Army Current Systems. This integration layer will provide the infrastructure for the integration of new and existing applications by allowing systems and applications to easily exchange information across different environments and platforms. It will also form the information bridge between DIMHRS, the Army Legacy Systems and external systems.

FY 07 procures eHRS initial development of and integration of technology that retains the human resources functionality necessary to fulfill Army personnel management requirements.

Accomplishments/Planned Program	FY 2005	FY 2006	FY 2007

ARMY RDT&E BUDGE	Γ ITEM .	JUSTIF	ICATIO	N (R2a l	Exhibit)			February	2006
BUDGET ACTIVITY 5 - System Development and Demonstrati	on		ER AND TITLE BA - Inform	E nation Tech	nology Dev	elopment		PR 09	OJECT 9
AHRS - Post Deployment Software Support (PDSS) - Engi Change Packages(ICPs)in support of eMILPO and DTAS	ineering Change	Packages (ECP	s)/System Chan	ge Packages (S	CPs) Interim		858	1254	852
AHRS - Development							1019	1445	923
AHRS - Enterprise Datastore							805	1103	0
Personnel Transformation - eHRS Development							4497	2858	1451
Total							7179	6660	3226
B. Other Program Funding Summary	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Comp	Total Cost
AHRS, OPA, SSN W00800, STACOMP	3797	4851	5061	10001	10579	10781	10987	CONT	CONT
AHRS, OMA, 432612/432615	3916	4332	4480	5570	5586	5736	5888	CONT	CONT
Personnel Transformation- eHRS, OPA, BE4164000	0	2826	3025	3043	3243	3305	3368	CONT	CONT
Personnel Transformation-eHRS OPA, SSN W00800	4675	0	0	0	0	0	0	CONT	CONT
Personnel Transformation-eHRS, OMA, 432612	19543	23556	18120	25155	22320	22870	23433	CONT	CONT

C. Acquisition Strategy Army Human Resource System (AHRS)- The program manager makes extensive use of Integrated Product Teams (IPTs). Sub-elements of the acquisition (engineering and design, logistics planning, testing, etc.) are intensively managed by integrated teams of government and contractor personnel. Task performance is tracked against the Work Breakdown Structure (WBS) and resources allocated to each task are adjusted based on performance against the WBS. AHRS contractual efforts are acquired on a time and materials basis through GSA schedule and existing contractual vehicles. The Title 10 functionality has transferred to AHRS. Additionally, as the Personnel community manages their migration to the Defense Integrated Military Human Resource System (DIMHRS), the functionality resident in the 320+ external interface current systems will migrate to AHRS. This migration began in FY03, and will ensure the personnel community retains functionality necessary to meet operational requirements while addressing Transformation requirements.

Personnel Transformation - The eHRS program management approach is to use Integrated Product Teams comprised of government and contractor personnel. Contractor selection will be accomplished through open competition, administered by a federal certified contracting agency. Program Management is accomplished by combining a "best practices" approach coupled with standard tools such as electronic knowledge sharing tools and the Work Breakdown Structure tools.

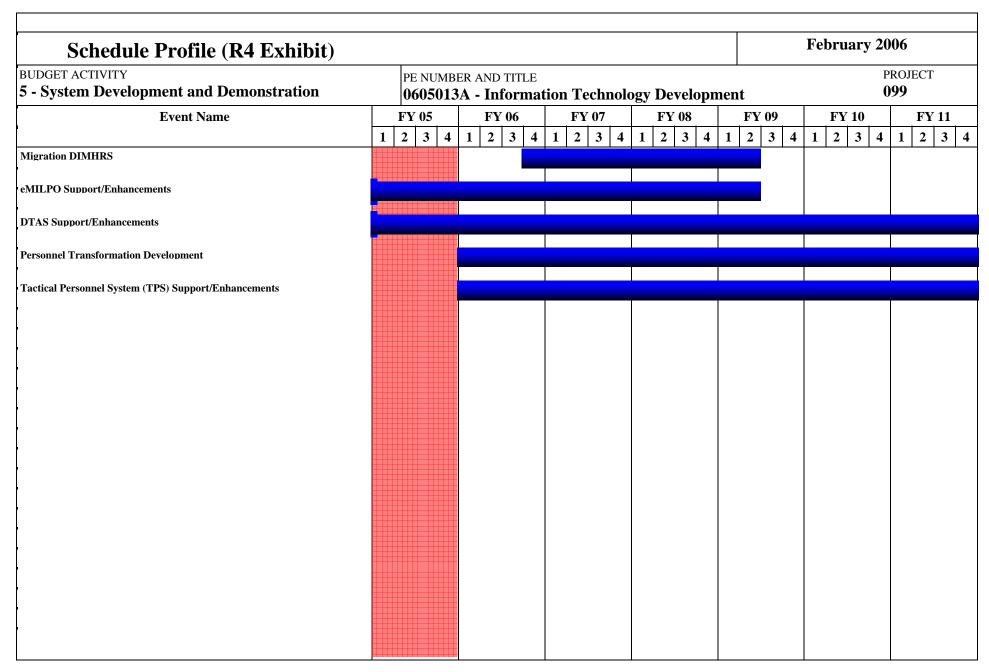
Item No. 127 Page 11 of 50 Exhibit R-2A 887 Budget Item Justification

ARMY RDT&	E COS	Γ ANALYSIS	(R3)							Februar	y 2006		
BUDGET ACTIVITY 5 - System Development a	nd Demons	tration		PE NUMBER AND TITLE 0605013A - Information Technology Development						ргојест 099			
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	
AHRS - PDSS ECPs/SCPs/ICPs	C/FP	Electronic Data Systems, Herndon, VA	7880	858	1Q	1331	2Q	852	1Q	Continue	Continue	Continue	
AHRS - Software Development		Electronic Data Systems, Herndon, VA	22272	1824	1Q	2471	2Q	923	1Q	Continue	Continue	Continue	
eHRS Development	TBD	TBD	0	0		0		0		Continue	Continue	Continue	
Subtot	al:		30152	2682		3802		1775		Continue	Continue	Continue	
II. Support Costs	Contract Method &	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award	FY 2006 Cost	FY 2006 Award	FY 2007 Cost	FY 2007 Award	Cost To Complete	Total Cost	Target Value of	
Personnel Transformation eHRS - Research/Development PT Impacts on Objective Force	Type C/FP	Science Applications International Corp (SAIC) , San Diego, CA	0	4497	Date 2Q	2858	Date 2Q	1451	Date 3Q	Continue	Continue	Continue	
Subtot	al:	1, ,, ,,	0	4497		2858		1451		Continue	Continue	Continue	
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	
Subtot			0										
Subtot			<u> </u>										
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	

0605013A (099) Army Human Resource System (AHRS) Item No. 127 Page 12 of 50 888

Exhibit R-3 ARMY RDT&E COST ANALYSIS

ARMY RDT&E COST ANALYSIS (R3)						
PE NUMBER AND TITLE 0605013A - Informatio	on Technology De	velopment	PROJECT 099			
30152 7179	6660	3226		a		
30132 7177	0000	3220		<u> </u>		
	PE NUMBER AND TITLE	PE NUMBER AND TITLE 0605013A - Information Technology De	PE NUMBER AND TITLE 0605013A - Information Technology Development	PE NUMBER AND TITLE 0605013A - Information Technology Development	PE NUMBER AND TITLE 0605013A - Information Technology Development PROJECT 099	



Schedule Detail (R4a Exhibit)

February 2006

BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
5 - System Development and Demonstration	0605013A - Information Technology Development	099

Schedule Detail	FY 2005	<u>FY 2006</u>	FY 2007	FY 2008	FY 2009	<u>FY 2010</u>	FY 2011
eMILPO Support/Enhancements	1-4Q	1-4Q	1-4Q	1-4Q	1-2Q		
Migration DIMHRS		3-4Q	1-4Q	1-4Q			
Personnel Transformation		1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Deployed Theater Accountability Software (DTAS) SUpport/Enhancements	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Tactical Personnel System (TPS) Support/Enhancements	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q

Item No. 127 Page 15 of 50 891

February 2006 **ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)** PE NUMBER AND TITLE BUDGET ACTIVITY **PROJECT** 5 - System Development and Demonstration 0605013A - Information Technology Development 137 FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Total Cost Cost to Estimate COST (In Thousands) Estimate Estimate Estimate Estimate Estimate Estimate Complete 137 TRANS COORDINATORS' AUTO INFO FOR 17915 17570 22586 19434 22159 19203 1370 145280 MOVEMENT SYS II

A. Mission Description and Budget Item Justification: Transportation Information Systems (TIS) Project Office funding supports design, development, testing, and program management functions for the Transportation Coordinators' - Automated Information for Movement System II (TC-AIMS II).

TC-AIMS II--

- o Provides standard Department of Defense (DoD) integrated information transportation system capability for deployment, sustainment, and redeployment operations during both war and peacetime operations for the active and reserve forces.
- o Consolidates the management of unit/installation-level transportation functions of Unit Movement, Load Planning and Installation Transportation Office/Traffic Management Office (ITO/TMO) operations, and facilitates the movement and support of personnel and cargo during all phases of military operations in all environments, including sustainment; reception, staging, onward movement and integration (RSO&I); and battlefield operations.
- o Supports routine and surge requirements and automates shipping/receiving, and deployment; sustainment and redeployment processes; produces movement documentation, unit move data; and furnishes timely transportation information to major commands, transportation component commands, United States Transportation Command, and the Joint deployment community.
- o Provides In-Transit Visibility data and control over cargo and passenger movement, as a DoD source movement information system.

Accomplishments/Planned Program	FY 2005	FY 2006	FY 2007
Joint Project Management Office (JPMO) Contractor Support	6358	5443	6767
JPMO Operations	2846	2661	3196
Facility Lease/Service Management	2627	2280	2921
Block 3 (Movements Control & Planning; Map Graphics) System Development	6084	6334	0
Block 3 (Movements control & Planning; Map Graphics) System Test and Evaluation	0	852	0
Block 4 (Theater Operations) System Development	0	0	9702
Total	17915	17570	22586

B. Other Program Funding Summary	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
OPA - SSN: BZ8900 TC AIMS II	15876	16154	29919	29337	25811	20638	27012	CONT	CONT
OMA - APE: 432612	13377	13242	27207	23411	23439	33640	33774	CONT	CONT
OPA - SSN: BE4166	193	0	0	0	0	0	0	539	732

0605013A (137) TRANS COORDINATORS' AUTO INFO FOR MOVEMENT SYS II Item No. 127 Page 16 of 50

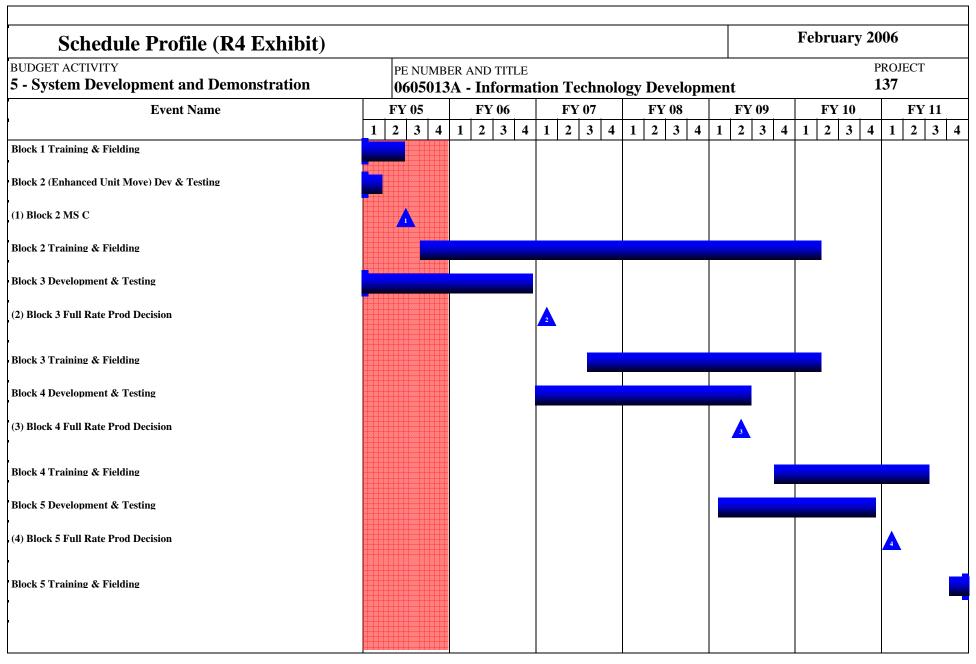
Exhibit R-2A Budget Item Justification

ARMY RDT&E BUDGET ITEM	February 2006	
BUDGET ACTIVITY 5 - System Development and Demonstration	PE NUMBER AND TITLE 0605013A - Information Technology Development	PROJECT 137
	5) Project Office for the Transportation Coordinators' - Automated Information	
management support. TC-AIMS II system development is followi risks. TC-AIMS II system capability is broken into five separate, s Staging, Onward Movement and Integration (RSOI), Block 4 - Th Infrastructure requirements are being satisfied by the establishmen Access Nodes. Additional infrastructure requirements include the server capability which will function in isolated workgroups or in s	t to develop, maintain, and field (including training) the software. A separate ng a multi-block, phased development and fielding strategy to reduce technic software blocks including: Block 1 - Unit Move, Block 2 - Enhanced Unit M teater Operations, and Block 5 - Installation Transportation Office/Traffic Mat of an Enterprise Architecture composed of a Central Management Facility sacquisition and deployment of Commercial-Off-The-Shelf (COTS) hardware stand-alone modes. Funding supports the operations of a Central Management tem operating at the CMF supports central software distribution to remote sit	cal, program, and user acceptance love (Web), Block 3 - Reception, anagement Office (ITO/TMO). Supporting Multiple Regional e to provide a breakaway clientnt Facility (CMF) with a minimum

Item No. 127 Page 17 of 50 893

ARMY RDT&	EE COST	Γ ANALYSIS	(R3)							Februar	y 2006	
BUDGET ACTIVITY			PE NUMBE					L			PROJEC	СТ
5 - System Development a	nd Demons	tration	0605013	A - Infor	mation [Γechnolo	gy Devel	lopment			137	
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
System Development	C/CPAF	Computer Sciences Corporation (CSC), Springfield, VA	21975	6084	3Q	6334	3Q	9702	3Q	Continue	Continue	Continue
Subtot	al:		21975	6084		6334		9702		Continue	Continue	Continue
II. Support Costs Facility Lease/Service Management	Contract Method & Type	Performing Activity & Location SMART TECH,	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
		Springfield, VA										
Joint Project Management Office (JPMO) Contractor Support	T&M	Titan	14832	6358	1-4Q	5443	1-4Q	6767	1-4Q	Continue	Continue	Continue
JPMO Operations	NA	JPMO, Springfield, VA	7033	2846	1-4Q	2661	1-4Q	3196	1-4Q	Continue	Continue	Continue
Subtot	al:		27724	11831		10384		12884		Continue	Continue	Continue
Remarks: JPMO Operations includes	s direct pay of g	overnment employees, TD	Y, training, s	upplies, etc.								
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
OT & DT	MIPR	Various	5264	0		852		0		Continue	Continue	Continue
Subtot	al:		5264	0		852		0		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

ARMY RDT&E COST ANALYSIS (R3)						February 2006			
BUDGET ACTIVITY 5 - System Development and Demonstration	PE NUMBER AN 0605013A - 1	ND TITLE Informatio	PROJECT 137						
Subtotal:	0								
Project Total Cost:	54963	17915	17570	22586	0	0	(



Schedule Detail (R4a Exhibit) BUDGET ACTIVITY 5 - System Development and Demonstration February 2006 PE NUMBER AND TITLE 0605013A - Information Technology Development 137

Schedule Detail	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Block 3-Reception, Staging, Onward Movement and Integration (RSO&I) Development and Testing	1-4Q	1-4Q					
Block 3 (RSO&I) Full Rate Production Decision			1Q				
Block 4 (Theater Operations) Development and Testing			1-4Q	1-4Q	1-2Q		
Block 4 (Theater Operations) Full Rate Production Decision					3Q		
Block 5- Installation Transportation Office/Traffic Management Office (ITO/TMO) Development and Test					1-4Q	1-4Q	1Q
Block 5 (ITO/TMO) Full Rate Production Decision							1-2Q

Termination Liability Funding For Major Defe	Termination Liability Funding For Major Defense Acquisition Programs, RDT&E Funding (R5)							
BUDGET ACTIVITY 5 - System Development and Demonstration	PE NUMBER AND 0605013A - Inf		Technolog	oment		PROJECT 137		
Funding in \$000	•							
Program		FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Total Termination Liability Funding:								
P.								

Remarks:

There is no termination liability to contractor because all products used for TC-AIMS II are purchased by the government.

February 2006 **ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)** PE NUMBER AND TITLE BUDGET ACTIVITY **PROJECT** 5 - System Development and Demonstration 0605013A - Information Technology Development 184 FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Total Cost Cost to COST (In Thousands) Estimate Estimate Estimate Estimate Estimate Estimate Estimate Complete 184 INSTALLATION SUPPORT MODULES 1880 998 1072 1098 1118 1136 11023 1146 (ISM)

A. Mission Description and Budget Item Justification: Completes the migration of the fielded Installation Support Modules (ISM) software (DOS character based) applications to a more modern graphical user interface in a web based environment. Additional functionality will be fielded in FY07. ISM is currently deployed to Army sites worldwide. ISMs are software applications that have been developed and standardized to perform business functions at the Installation or Garrison level. These modules are based upon the functional processes accomplished by the installation staff. The ISM system was recently migrated to a web environment that utilizes a single, centralized, replicated database to store data for the entire Army. The web server architecture supports a graphical user interface, web-based user access, and a consolidated infostructure in accordance with the Army Knowledge Management (AKM) Strategic Plan. This modernized system enables the Army Installation Management community to provide simple web-enabled software applications for soldier processing; ready and relevant information to the commander; while transparently integrating multiple complex processes for soldiers, commanders and top of the system managers. ISM consists of five discrete modules focusing on activities including in/out processing of soldiers, personnel locator services, soldier transition processing, management of soldier educational records, and management of organizational clothing and individual equipment. The Theater Network Operations and Security Center (TNOSC), located in Ft. Huachuca, AZ manages the ISM network, performs the Network and Systems Management (NSM) functions, provides general system configuration control, operates a 24/7 Helpdesk, provides user account management, and performs automated backups for ISM devices located at Army installations. ISM is currently being used in Kuwait

Accomplishments/Planned Program	FY 2005	FY 2006	FY 2007
Independent Verification and Validation (IV&V) Testing	32	50	60
Post-Deployment Software Support (PDSS) - Engineering Change Packagess (ECPs)/System Change Packages (SCPs)	240	278	327
Coalition Warfighter Interoperability Demonstration (CWID)	659	670	685
Define requirements and assess needs for a Rock Island Arsenal operations center and install force protection equipment and software	949	0	0
Total	1880	998	1072

B. Other Program Funding Summary	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
OMA APE: 432612/432100	11072	12352	12694	13094	12152	12460	12775	CONT	CONT
BE4162 MACOM AUTOMATION SYSTEMS	765	762	476	804	824	841	859	CONT	CONT

0605013A (184) INSTALLATION SUPPORT MODULES (ISM) Item No. 127 Page 23 of 50

Exhibit R-2A Budget Item Justification

ARMY RDT&E BUDGET ITEN	M JUSTIFICATION (R2a Exhibit)	February 2006
SUDGET ACTIVITY 5 - System Development and Demonstration	PE NUMBER AND TITLE 0605013A - Information Technology Development	PROJECT 184
Acquisition Strategy This system is in Post Deployment Softhancements as defined by the Functional Proponent, Army Change Change (Proponent) Army Chan	ftware Support (PDSS). The present concept calls for the use of full and open conief Information Officer (CIO)/G-6.	ompetition to implement

ARMY RDT	&E COST	Γ ANALYSIS	(R3)							Februar	y 2006	
BUDGET ACTIVITY 5 - System Development	and Demons	tration	PE NUMBI 0605013			Γechnolo	ogy Devel	lopment			PROJE	СТ
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
PDSS ECPs/SCPs/ICPs	C/FP	Systems Research & Applications, Fairfax, VA	8640	240	2Q	278	2Q	327	2Q	Continue	Continue	Continue
JWID Development - Army	MIPR	OSD	638	659	1Q	670	1Q	685	1Q	Continue	Continue	Continue
Rock Island Ops Center	C/FP	Intergraph, Huntsville, AL	0	949		0		0		0	949	C
Subto	otal:		9278	1848		948		1012		Continue	Continue	Continue
II. Support Costs PM Support	Contract Method & Type MIPR	Performing Activity & Location AMRDEC, Redstone	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
Subto	. 1	Arsenal, AL	0	0		0		0		0	0	C
Remarks: AMRDEC - Aviation and		h, Development and Engin	neering Cente	r (US Army		d Missile C	ommand)					
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
Independent Verification and Validation (IVV) Testing	C/FP	ANTEON Corp, Fairfax, VA	1548	32	1Q	50	1Q	60	1Q	Continue	Continue	Continue
Subto	otal:		1548	32		50		60		Continue	Continue	Continue
IV. Management Services	Contract	Performing Activity &	Total	FY 2005	FY 2005	FY 2006	FY 2006	FY 2007	FY 2007	Cost To	Total	Target

ARMY RDT&E COST ANALY	SIS (R3)			February 20	006
BUDGET ACTIVITY 5 - System Development and Demonstration	PE NUMBER AND TIT 0605013A - Infor	LE mation Technology D	evelopment		PROJECT 184
Subtotal:	0				
Project Total Cost:	10826 1880	998	1072	0	949 0

Schedule Profile (R4 Exhibit)																	F	eb:	rua	ry 20	006		
BUDGET ACTIVITY 5 - System Development and Demonstration	PE NU					tior	n Te	echi	nolo	ogy	De	vel	opn	nent	.						PROJ 184	ECT	
Event Name	 FY 05			FY (FY					08			FY (FY 1			FY	
ISM Hardware Fielding	2 3	4	1	2	3 4	1	2	3	4	1	2	3	4	1	2	3 4	1 :	1	2 3	3 4	1	2	3

Schedule Detail (R4a Exhibit)					Fe	February 2006				
BUDGET ACTIVITY 5 - System Development and Demonstration	BER AND TI		chnology D	evelopment		PROJECT 184				
Schedule Detail	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011			
Post Deployment Software Support	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q			

February 2006 **ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)** BUDGET ACTIVITY PE NUMBER AND TITLE **PROJECT** 5 - System Development and Demonstration 0605013A - Information Technology Development 193 FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Total Cost Cost to COST (In Thousands) Estimate Estimate Estimate Estimate Estimate Estimate Estimate Complete 193 MEDICAL COMMUNICATIONS FOR 11765 8184 10644 9258 8295 7327 75372 7563 COMBAT CASUALTY CARE

A. Mission Description and Budget Item Justification: The Medical Communications for Combat Casualty Care (MC4) System provides multipliers to the medical force structure through the acquisition of digital communications and information technology solutions for the deployable medical forces. The MC4 System will also fulfill the requirements highlighted in United States Code; Title 10; Subtitle A; Part II; Chapter 55; Section 1074f; mandating the proper documentation of deployed service members to include pre and post deployment screening and its associated medical surveillance. The MC4 System will also interface Force Health Protection and medical surveillance information with Army Battle Command and Combat Service Support information technology systems as they evolve to support the Army Transformation. Current MC4 Program efforts are focused on system engineering, testing and integration, and fielding automation infrastructure for Army users of the Joint Theater Medical Information Program (TMIP) suite of software. FY 2007 funding provides support system engineering, integration and developmental testing of information management/information technology to better support Force Health Protection in the Army Campaign Plan and Global War On Terrorism units as well as overall MC4 Project Management. This funding will also support the integration of the Future Force Warrior and Future Combat System.

Accomplishments/Planned Program	FY 2005	FY 2006	FY 2007
Program Management	3422	2513	3513
Logistics Support Planning for Block I	1256	0	0
Logistics Support Planning for P3I and System Upgrades	0	493	709
Engineering and Technical Support for Block I	1269	0	0
Engineering and Technical Support for P3I and System Upgrades	1269	1538	2538
MC4 Testing for P3I and System Upgrades	2428	967	1567
MC4/TMIP Integration and Testing for P3I and System Upgrades	2121	2673	2317
Total	11765	8184	10644

B. Other Program Funding Summary	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
OPA SSN MA8046 (MC4)	34175	36335	10548	9306	3329	8882	5665	CONT	CONT
OMA APE 432612	2011	6052	6870	7789	8988	9288	9625	CONT	CONT

 $Comment: FY05/FY06\ OPA\ funding\ includes\ supplemental\ funding\ to\ support\ OIF/OEF\ and\ GWOT\ requirements.$

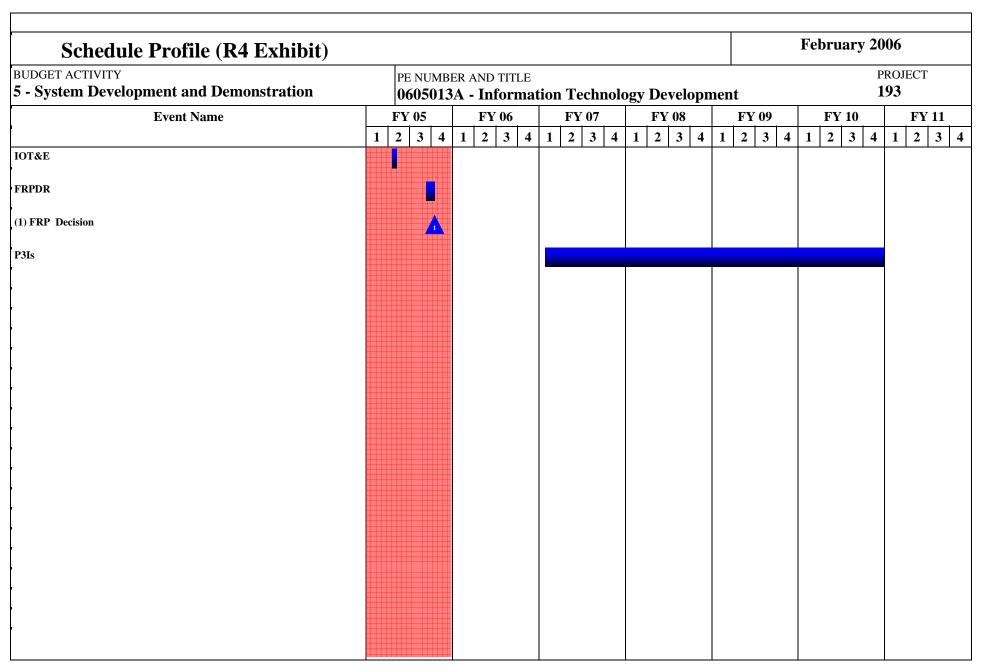
ARMY RDT&E BUDGET ITEM JU	JSTIFICATION (R2a Exhibit)	February 2006
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT
5 - System Development and Demonstration	0605013A - Information Technology Development	193

C. Acquisition Strategy The MC4 Program supports a number of Army Medical Information Technology/Communications initiatives. The near and mid-term focus of the MC4 program is to engineer, design, test, acquire and field the Army specific automation/communications infrastructure capabilities supporting the Joint Theater Medical Information Program (TMIP) integrated software application suite and other Army requirements. The hardware being procured is Commercial-off-the-Shelf (COTS). Since TMIP software is a major component of the MC4 System, the MC4 Program will deliver capabilities in increments, recognizing the need for future system upgrades and Preplanned Product Improvements (P3Is). The MC4 Program will continue to work with the user community to continually define and refine additional requirements and match them with available technologies to provide the user enhanced capabilities. These enhanced capabilities will be provided to the user at the earliest possible date. This approach yields the most operationally useful and supportable capability in the shortest time possible with Cost As an Independent Variable. Moreover, this approach provides an initial capability with the explicit intent of delivering improved and updated capability in subsequent upgrades and P3Is. This spiral development approach will be accomplished through a rapid prototyping process that will progress the system from its current functional capabilities to fully integrated objective capabilities. Appropriate commercial technology enhancements (e.g. advances in operating systems, voice activated technology, etc) will be incorporated into MC4 products and systems as they become available. Each MC4 System component will undergo a full range of developmental testing to include software unit testing, integration testing, interoperability testing and software qualification testing. The MC4 system upgrades and improvements will continue to undergo follow-on operational testing.

0605013A (193) Item No. 127 Page 30 of 50 Exhibit R-2A MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE 906 Budget Item Justification

ARMY RDT	&E COST	Γ ANALYSIS	(R3)							Februar	y 2006	
BUDGET ACTIVITY 5 - System Development	and Demons	tration	PE NUMBI 0605013			Fechnolo	ogy Deve	lopment			PROJE6 193	CT
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
Subto	otal:		0									
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
PMO Support	C/CPFF	Anteon Inc., Fairfax, VA	0	708	3Q	538	1Q	636	1Q	Continue	Continue	Continue
PMO Support	C/CPFF	CACI Inc-Federal, Arlington, VA	1975	300	1Q	0	1Q	0	1Q	Continue	Continue	Continue
Logistics Planning	In House	PMO, Ft. Detrick, MD	979	736	1-4Q	191	1-4Q	407	1-4Q	Continue	Continue	Continue
Logistics Planning Spt	C/CPFF	Anteon Inc., Fairfax, VA	0	0	3Q	200	1Q	200	1Q	Continue	Continue	Continue
Logistics Planning Spt	C/CPFF	CACI Inc-Federal, Arlington, VA	1381	100	1Q	0	1Q	0	1Q	Continue	Continue	Continue
Engineering & Technical Spt	In House	PMO, Ft. Detrick, MD	803	533	1-4Q	473	1-4Q	575	1-4Q	Continue	Continue	Continue
Engineering & Tech Spt	C/CPFF	Titan, Reston, VA	2431	2005	1Q	1065	1Q	2065	1Q	Continue	Continue	Continue
Subto	otal:		7569	4382		2467		3883		Continue	Continue	Continue
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
MC4 Integration and Testing	C/CPFF	Titan, Reston, VA	3012	1335	1Q	1659	1Q	1412	1Q	Continue	Continue	Continue
PMO Testing Spt	MIPR	ATEC/AMEDD Board	1621	200	1-4Q	100	1-4Q	100	1-4Q	Continue	Continue	Continue
MC4/TMIP System Engineering	C/CPFF	John Hopkins University (JHU) Applied Physics Lab, Laurel, MD	4672	3200	1Q	1881	1Q	2372	1Q	Continue	Continue	Continue

ARMY RDT	&E COST	Γ ANALYSIS	(R3)						February 2006					
BUDGET ACTIVITY 5 - System Development	and Demons	tration	PE NUMBE 0605013			Гесhnolo	gy Devel	lopment	PRO 193			JECT		
Subt	otal:		9305	4735		3640		3884		Continue	Continue	Continu		
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	Targe Value o Contrac		
Prog Mgmt Operations	In House	PMO, Ft Detrick, MD	3042	2648	1-4Q	2077	1-4Q	2877	1-4Q	Continue	Continue	Continu		
Subt	otal:		3042	2648		2077		2877		Continue	Continue	Continu		
Remarks: Funding in Program Mar		ons includes direct pay of			yees, TDY, t		plies, etc.	10(44		G. at and	Gt'	C		
Project Total	Cost:		19916	11765		8184		10644		Continue	Continue	Continu		
			1				I							



Schedule Detail (R4a Exhibit)					Fe	bruary 200	6		
BUDGET ACTIVITY 5 - System Development and Demonstration	 MBER AND TI D13A - Info	R AND TITLE A - Information Technology Development PROJ 193							
Schedule Detail	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011		
MC4 Block I IOT&E	2Q								
MC4 Block I Full Rate Production Decision Review (FRPDR)	4Q								
MC4 P3Is development, test, and integration			1-4Q	1-4Q	1-4Q	1-4Q	1-4Q		

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)							I	February 2006		
BUDGET ACTIVITY 5 - System Development and Demonstration		PE NUMBER AND TITLE 0605013A - Information Technology Development						РРОЈЕСТ 316		
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	
316 STACOMP	8017	9297	14013	9566	6658	4060	4147	0	79541	

A. Mission Description and Budget Item Justification: The Standard Army Management Information System (STAMIS) Tactical Computers (STACOMP) program provides acquisition, logistics, and integration support to numerous tactical logistics programs (i.e., Global Combat Support System (GCSS-Army), Tactical Logistics Data Digitization (TLDD), etc) through in-house matrix and contract support. This support includes managing the Program Executive Office (PEO) warranty program for hardware and software products; developing and managing the PEO Integrated Logistics System (ILS) program for all systems; serving as the policy advisor on related matters, and maintaining liaison with the Headquarters, Department of the Army (HQDA) Logistics Studies Steering Committee (LCSS) and other members of the Acquisition Logistics community across the Army and Department of Defense (DoD). Support also includes managing contract negotiations and legal reviews; software/hardware evaluation testing; and contractor customer support for 24 hour hotline, technical upgrades, order processing/tracking reports, and World Wide Web (WWW) site.

The Tactical Logistics Data Digitization (TLDD) program will provide Army equipment operators with rapid digital access to technical data on the battlefield, at the motor pool, and at the school house; reduce operator ordering errors; allow the right materiel to be delivered at the right place and the right time; and to provide an Integrated Parts Selection (IPS) ("point and click") capability to the operators and maintainers. TLDD software includes the Electronic Technical Manual Interface (ETM-I), Digital Log Book (DLB) and Digital Preventive Maintenance Checks and Services (DPMCS) applications. TLDD supports all deployable forces including the "Stryker Force".

Accomplishments/Planned Program	FY 2005	FY 2006	FY 2007
Project Office Operations	278	0	0
Continue providing sustained support in the areas of Integrated Logistics, configuration management, and test and evaluation.	536	0	0
Continue system engineering to meet the requirements for standard combat service support (CSS) automation information systems	2206	0	0
Tactical Logistics Data Digitization (TLDD) - Developed Software. Applies the systematic use of technical knowledge and programming skills to meet specific TLDD performance and functional requirements through developmental software.	1245	2997	5438
TLDD - Government Project Management. The business and administrative planning, organizing, directing, coordinating, controlling and approval actions designated to accomplish the overall TLDD program objectives during the development phase.	1251	1100	1194
TLDD - Contractor Support. System Engineering Technical Analysis contractors augment the TLDD program by supporting the accomplishment of technical, functional, and programmatic analyses and documentation. FY04 Congressional funds will cover FY05 contractor support.	0	3500	4881
TLDD - Army Test and Evaluation Command	0	0	2500
Knowledge Management System consolidating diverging armament development and sustainment knowledge bases into an integrated data environment	2501	1700	0
Total	8017	9297	14013

0605013A (316) Item No. 127 Page 35 of 50 Exhibit R-2A STACOMP 911 Budget Item Justification

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)							February 2006				
			PE NUMBER AND TITLE 0605013A - Information Technology Development						PROJECT 316		
B. Other Program Funding Summary	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost		
OPA, W00800, STACOMP (STAMIS)	6740	2000	2049	3693	3800	3803	3807	CONT	CONT		
OPA, W00800, TLDD	3933	3000	4066	10787	14126	19010	19160	CONT	CONT		
OMA, 432612, TLDD	986	2475	3825	5400	7200	7200	7200	CONT	CONT		
OMA, 432612, TLAIS (STACOMP)	0	4599	5350	5346	5402	5402	5402	CONT	CONT		

<u>C. Acquisition Strategy</u> The Standard Army Management Information System (STAMIS) Tactical Computer (STACOMP) supports acquisition and deployment of Program Executive Office (PEO) logistics personnel systems.

The strategy to acquire the Tactical Logistics Data Digitization (TLDD) solution will be accomplished via full and open competition through the evolutionary acquisition of time-phased requirements consisting of an initial block of capability, and some number of subsequent blocks necessary to provide the full capability required. Each block will enhance capability by building on its predecessor.

0605013A (316) Item No. 127 Page 36 of 50 Exhibit R-2A STACOMP 912 Budget Item Justification

ARMY RDT&	E COS	Γ ANALYSIS	(R3)							Februar	y 2006	
BUDGET ACTIVITY 5 - System Development a	nd Demons	stration	PE NUMBE 0605013			Гесhnolo	gy Devel	lopment			PROJEC 316	СТ
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	Targe Value of Contrac
TLDD - Developed Software	C/FFP	TBD	5827	1245	2Q	3038	1Q	5438	1Q	Continue	Continue	Continue
Knowledge System Management	C/FFP	Applied Ordnance Technology, INC, Johnstown, PA	2600	2511	2Q	1700	1Q	0		Continue	Continue	Continue
Subtota	al:		8427	3756		4738		5438		Continue	Continue	Continue
II. Support Costs Technical services	Contract Method & Type C/FP	Performing Activity & Location Bearing Point (formerly)	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 Continue	Total Cost	Targe Value of Contrac
Technical services		Bearing Point (formerly	9686	2206	2Q	0	Date	0	Date	Continue	8790	Continue
		KPMG), McLean, VA						-		•		
Logistics/Contract Support	MIPR	CECOM, Fort Monmouth, NJ	1640	536	1-4Q	0		0		Continue	1600	Continue
SCC II Support	C/FP	GTSI, Chantilly, VA	800	0		0		0		0	800	(
Software Executive Center - Belvoir	MIPR	SEC-B, Fort Belvoir, VA	911	0		0		0		0	911	(
TLDD - Technical Services	C/FFP	Titan Corporation, Colonial Heights, VA	1000	0		700	1Q	1100	1Q	Continue	Continue	Continue
TLDD - Engineering and Technical Services	C/FFP	Bearing Point (formerly KPMG), Ft. Monmouth, NJ	1600	0		1259	1-4Q	1300	1-2Q	Continue	Continue	Continue
TLDD - Engineering , Technical & Logistics Services	C/FP	CHM/TLC, Virginia Beach VA	0	0		1406	1-4Q	2500	1-2Q	Continue	0	Continue
TLDD - Engineering and Technical	C/FP	Pacific Northwest National Lab (PNNG),	1600	0		0		0		0	1600	(
Services		Ft. Lewis, WA										

0605013A (316) STACOMP Item No. 127 Page 37 of 50 913

Exhibit R-3 ARMY RDT&E COST ANALYSIS

ARMY RDT&	&E COST	Γ ANALYSIS	(R3)							Februar	y 20 06	
BUDGET ACTIVITY 5 - System Development a	and Demons	stration	PE NUMBE 0605013 .			Гесhnolo	gy Deve	lopment			PROJE6 316	CT
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	Targe Value o Contrac
TLDD - Testing and Evaluation	MIPR	ATEC, Ft Hood, TX	1500	0		0		2500	1-2Q	Continue	Continue	Continu
Subto	tal:		1500	0		0		2500		Continue	Continue	Continu
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	Targe Value o
Project Office Operations	In House	PM, Ft. Belvoir, VA	1137	278	1-4Q	0		0		Continue	Continue	Continu
TLDD - Project Office Operations	In House	PM, Ft. Monmouth, NJ	1600	1241	1-4Q	1194	1-4Q	1175	1-4Q	Continue	Continue	Continu
Subtot	tal:		2737	1519		1194		1175		Continue	Continue	Continu
Project Total C	cost:		29901	8017		9297		14013		Continue	Continue	Continu

Schedule Profile (R4 Exhibit)																	Fe	bru	ıary	20	06	
BUDGET ACTIVITY 5 - System Development and Demonstration			NUMB					n T	ech	nolo	ogy	De	eve	lopr	nent							ROJEC 16	T
Event Name		FY	_		FY				Y 07		-		Y 08			FY (7 10	4		Y 11
(1) TLDD MS A, (2) TLDD MS B, (3) TLDD MS C	1	1 2	3 4	1	2	3 4	1	2	3	4	1	2	3	3	1	2	3 4	1	2	3	4	1 2	3
TLDD Fielding	00 000 00 000 00 000 00 000 00 000 00 000																						
	0 00 0 00 0 00 0 00 0 00																						
	20 00 20 00 20 00 20 00 20 00																						
	3 00 0 00 0 00 0 00 0 00 0 00 0 00																						
	9 00 9 00 9 00 9 00																						
	20 000 20 000 20 000 20 000 20 000 20 000																						
	0 00 0 00 0 00 0 00 0 00																						
	9 10 1 9 10 1 9 10 1 9 10 1																						
	9 10 9 10 9 10 9 10 9 10 9 10																						
	0 00 0 00 0 00 0 00 0 00 0 00																						
	0 00 0 00 0 00 0 00 0 00																						

February 2006 Schedule Detail (R4a Exhibit) BUDGET ACTIVITY PROJECT PE NUMBER AND TITLE 5 - System Development and Demonstration 316 0605013A - Information Technology Development **Schedule Detail** FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Acquisition Support 1-4Q TLDD - MS A 1Q TLDD - MS B 1Q TLDD - MS C 4Q TLDD - Fielding 4Q 1-4Q 1-4Q 1-4Q

February 2006 **ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)** BUDGET ACTIVITY PE NUMBER AND TITLE **PROJECT** 5 - System Development and Demonstration 0605013A - Information Technology Development 474 FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010 FY 2011 Cost to Total Cost COST (In Thousands) Estimate Estimate Estimate Estimate Estimate Estimate Estimate Complete 474 ENTERPRISE TRANSMISSION SYSTEMS 4629 5400 3059 1012 1004 3045 4580 22729

A. Mission Description and Budget Item Justification: Combat Service Support (CSS) Automated Information System Interface (CAISI) is a high-data-rate wireless system that provides sensitive but unclassified (SBU) data and is the backbone for logistics connectivity down to each Combat Service Support (CSS) computer systems located within the tactical battlespace. The CAISI design effort focuses on integrating Commercial Off-The-Shelf (COTS) equipment from various manufacturers to create a standard deployable set of communications equipment. Current CAISI equipment is being fielded with new equipment training to logistics units Army-wide. Maintenance support is provided at a depot level with additional support at forward repair activities. Computer based training and on-line refresher training and technical support is also provided for CAISI users. A standard set of CAISI equipment currently provides network communications to up to 40 tents, vans, or shelters within a 7 x 7 kilometer area using wireless bridging between tents. CAISI design is developed from a lifecycle perspective to ensure reliability and supportability in real world conditions. Ongoing design efforts are being focused in three areas: 1) updating security accreditation for compliance with new communications security regulations, 2) improving the distance and range capabilities, 3) designing a lifecycle replacement version of CAISI scheduled for fielding starting FY 2007.

Accomplishments/Planned Program	FY 2005	FY 2006	FY 2007
Research Test and evaluate COTS equipment to develop a new version of CAISI with improved capabilities ready to field in FY07 as a life-cycle replacement.	4629	5400	3059
Total	4629	5400	3059

B. Other Program Funding Summary	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
OPA, BD7000	5404	6338	0	0	0	0	0	0	11742
OPA, BD3512	0	0	9926	10089	10244	10273	10307	0	50839
OMA 463612	2596	2709	3563	3622	3684	3684	3684	0	23542

C. Acquisition Strategy Acquisition strategy will be to obtain engineering support, satellite air time as well as various hardware and software to augment and enhance CAISI capabilities. FY07 funds the development of prototypes, test and select of most promising lifecycle replacement equipment, and develops additional components for the new CAISI to fulfill unforeseen emerging regulatory requirements.

0605013A (474) ENTERPRISE TRANSMISSION SYSTEMS Item No. 127 Page 41 of 50

917

ARMY RDT	&E COST	Γ ANALYSIS								February		
BUDGET ACTIVITY 5 - System Development a	and Demons	tration	PE NUMBE 0605013 .			Γechnolo	gy Devel	opment			PROJEC 474	СТ
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	Targe Value o Contrac
Subto	tal:		0									
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	Targe Value o
Subto		I	0		Dute		Butt					
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	Targe Value o Contrac
Test satellite links and associated equipment	C/FFP	ISEC, Ft Huachuca, AZ	0	4629	2Q	5400		3059		Continue	0	Continu
Subto	tal:	•	0	4629		5400		3059		Continue	0	Continu
							<u>-</u>					
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	Targe Value o Contrac
Subto	tal:		0									
Project Total (Y==4.		0	4629		5400		3059		0	0	

Schedule Profile (R4 Exhibit))															F	ebr	uar	y 20	06		
BUDGET ACTIVITY 5 - System Development and Demonstration		PE NUM 060501				ion T	Γech	molo	ogy	De	velo	opn	nent	t						ROJE 74	ЕСТ	
Event Name		FY 05		FY 06			Y 07				08	1		FY 0				Y 10			FY	
t and Evaluation	1	2 3 4	1	2 3	4	1 2	2 3	4	1	2	3	4	1	2 :	3 4	1	2	3	4	1	2	3

					Fe	bruary 200	6			
	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011			
	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q			
		0605013A - Info	0605013A - Information Tec FY 2005 FY 2006	0605013A - Information Technology December FY 2005 FY 2006 FY 2007	0605013A - Information Technology Development FY 2005 FY 2006 FY 2007 FY 2008	PE NUMBER AND TITLE 0605013A - Information Technology Development FY 2005 FY 2006 FY 2007 FY 2008 FY 2009	PE NUMBER AND TITLE 0605013A - Information Technology Development FY 2005 FY 2006 FY 2007 FY 2008 FY 2009 FY 2010			

	ARMY RDT&E BUDGET IT	TEM JU	STIFIC	ATION	(R2a Ex	khibit)		I	February 2	2006
	TACTIVITY tem Development and Demonstration		PE NUMBER A 0605013A -			PRO 738	JECT B			
	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
738	Future Business Systems (FBS)	0	13227	14293	21700	19184	10970	9254	0	88628

A. Mission Description and Budget Item Justification: Advanced Collaborative Environment (ACE), renamed Future Business Systems (FBS), will establish an integrated life cycle management environment with a common toolkit and will operate through a Net-Centric Enterprise Services (NCES) Environment. FBS will optimize the effectiveness of Acquisition Community resources throughout the Army acquisition life cycle to act as integrated service-oriented "business units" within the larger Army system acquisition process. Characteristics of the FBS environment will be common acquisition community-wide Information Technology (IT) capabilities, processes and standards; and accessible acquisition community-wide data sources. FBS will be comprised of common IT capabilities and shared data. FBS will provide an evolutionary capability to electronically and seamlessly transact the business of acquisition through secure, authorized, two-way information channels associated with well-defined Acquisition Communities-of-Interest (COI). FBS will be the system that binds the acquisition community and communities supporting war fighters system life cycle management from conception to disposal into integrated COIs and would not fundamentally replace any support communities resources. Fully deployed, FBS will reduce, and likely eliminate, the proliferation of stovepipe Acquisition Life cycle Management (ALM) systems, so that manpower, management resources and funding can be more effectively and efficiently channeled to acquisition end items and the warfighter rather than to the acquisition management process.

Accomplishments/Planned Program	FY 2005	FY 2006	FY 2007
Analysis and Design, Development and Integration of FBS. Document the As-Is Army acquisition architecture and develop a To-Be Army acquisition architecture that supports the Army's vision of a net-centric, web-based enterprise program management system or suite of capabilities.	0	7648	9492
Training (Hub, New user, Node, Documentation)	0	71	77
Application Licenses for FBS, Virtual Insight, and ASA(ALT) S&T.	0	5158	3005
Program Management	0	350	1719
Total	0	13227	14293

B. Other Program Funding Summary	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	To Compl	Total Cost
OMA APE 432612	0	10182	8577	7636	13238	11948	10587	0	62168

C. Acquisition Strategy Advanced Collaborative Environment (ACE), renamed Future Business Systems (FBS) will have an evolutionary acquisition strategy that will facilitate capabilities to electronically and seamlessly collaborate through secure, authorized two-way information channels externally with Industry, across Business Enterprise

0605013A (738)Item No. 127 Page 45 of 50Exhibit R-2AFuture Business Systems (FBS)921Budget Item Justification

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit) BUDGET ACTIVITY 5 - System Development and Demonstration PE NUMBER AND TITLE 0605013A - Information Technology Development 738

Architecture defined Domains and within the associated Acquisition Domain Framework. FBS' acquisition strategy will make extensive use of Integrated Product Teams (IPTs) consisting of in-house matrix and contract support accomplished via performance-based acquisition procurement efforts. Program acquisition strategy employs spiral development through evolutionary acquisition. Time phasing requirements through capability blocks built on preceding blocks while ongoing to full; interoperable capability mitigates change management risk. Future Business Systems (FBS) will support the near term needs of the acquisition community while achieving the long-term goal of an integrated lifecycle management business enterprise environment. Phased implementation and incremental development will align with the War Fighter Systems Life Cycle Management Architecture. Implementation of maturing technology and commercial off-the-shelf software and Government Owned Technologies will provide the necessary flexibility for building an Information Technology environment to sustain an integrated life cycle management business environment and achieve the prescribed mandates and goals. A prescribed goal is the President Management Agenda for Budget and Performance Integration, ensuring that performance is routinely considered in funding and management decisions and that programs achieve expected results and work toward continual improvement.

0605013A (738) Item No. 127 Page 46 of 50 Exhibit R-2A Future Business Systems (FBS) 922 Budget Item Justification

ARMY RDT&	E COST	Γ ANALYSIS	(R3)							Februar	y 2006	
BUDGET ACTIVITY 5 - System Development a	nd Demons	tration	PE NUMBE 0605013			Гесhnolo	gy Devel	lopment			PROJEC 738	CT
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	Targe Value o Contrac
Analysis and Design, Development, Integration and Testing	C & T&M	Northrup Grumman, McClean, VA	0	0		7223	1-4Q	7750	1-4Q	Continue	Continue	Continue
Application Licenses	SS & FP	Mythics, Virginia Beach, VA	0	0		4420	1Q	0		Continue	Continue	Continue
Application Licenses	TBD		0	0		738	3-4Q	3005	1-4Q	Continue	Continue	Continue
Subtota	al:		0	0		12381		10755		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	Targe Value o
Training Development	TBD	TBD	0	0	Bute	71	3Q	77	1Q	Continue	Continue	Continu
Subtota		122	0	0		71	24	77	- 4	Continue	Continue	Continue
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	Targe Value o Contrac
Test and Evaluation	MIPRs to Various Agencies		0	0		425	2-4Q	1742	1-4Q	Continue	Continue	Continu
Subtota	al:		0	0		425		1742		Continue	Continue	Continu
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	Targe Value o Contrac

0605013A (738) Future Business Systems (FBS) Item No. 127 Page 47 of 50 923

Exhibit R-3 ARMY RDT&E COST ANALYSIS

ARMY RDT&E COST ANALYSIS (R3)								February 2006				
BUDGET ACTIVITY 5 - System Development and Demonstration				PE NUMBER AND TITLE 0605013A - Information Technology Developmen					PROJECT 738			
Program Management Administration	TBD	TBD	0	0	350	2Q	1719	1-4Q	Continue	Continue	Continu	
Subtotal:			0	0	350		1719		Continue	Continue	Continu	
Project T	otal Cost:		0	0	13227		14293		Continue	Continue	Continu	

Schedule Profile (R4 Exhibit		February 2006						
BUDGET ACTIVITY 5 - System Development and Demonstration	PE NUM	BER AND TITLE 3A - Informat	tion Technolo	nent	PROJECT 738			
Event Name	FY 05	FY 06 1 2 3 4	FY 07 1 2 3 4	FY 08 1 2 3 4	FY 09 1 2 3 4	FY 10 1 2 3 4	FY 11 1 2 3 4	
FBS Concept Exploration	1 2 3 7	Business Systems T		1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
(1) FBS Concept Decision		↑ CD						
(2) Milestone A Decision			MS A					
Technical Prototyping & Component Integration				efits Assessments				
(3) Milestone B Decision			3	MS B				
Test and Evaluation				Contin	nuous			
(4) Design Readiness Review				<mark>∧</mark> DRR				
Implementation and Integration				CO	I and Legacy Syste	ms		
(5) Milestone C Decision			<u></u> MS C					
Evolution and Sustainment					Continuous			

Schedule Detail (R4a Exhibit)

February 2006

BUDGET ACTIVITY

5 - System Development and Demonstration

PE NUMBER AND TITLE

0605013A - Information Technology Development

738

Schedule Detail	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
FBS - Concept Exploration		1-4Q	1-4Q				
FBS Concept Decision		2Q					
Milestone A Decision			1Q				
Tech Prototyping & Component Integration Readiness and Benefits Assessments		1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Milestone B Decision			4Q				
Test and Evaluation		1-4Q	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Design Readiness Review				2Q			
Implementation and Integration with Communities of Interest and Legacy Systems			1-4Q	1-4Q	1-4Q	1-4Q	1-4Q
Milestone C Decision				3Q			
Evolution and Sustainment			1-4Q	1-4Q	1-4Q	1-4Q	1-4Q

Item No. 127 Page 50 of 50 926