

UNCLASSIFIED

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 BA 5: Development & Demonstration (SDD)				PE 0605013A: Information Technology 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	68.194	66.561	23.957	0.000	23.957	35.833	30.666	32.088	32.528	Continuing	Continuing
087: Distributed Learning System (DLS)	0.441	0.561	0.346	0.000	0.346	0.702	0.669	0.587	0.596	Continuing	Continuing
099: Army Human Resource System (AHR)	10.357	34.172	1.272	0.000	1.272	2.530	2.361	2.037	2.027	Continuing	Continuing
137: TRANS COORDINATORS' AUTO INFO FOR MOVEMENT SYS II	0.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
184: INSTALLATION SUPPORT MODULES (ISM)	0.713	1.513	2.300	0.000	2.300	2.309	2.318	2.329	2.342	Continuing	Continuing
193: MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE	7.423	6.954	4.358	0.000	4.358	8.834	8.412	7.412	7.546	Continuing	Continuing
474: ENTERPRISE TRANSMISSION SYSTEMS	1.924	2.942	2.718	0.000	2.718	5.521	5.271	9.335	9.496	Continuing	Continuing
738: AcqBiz	26.780	10.672	5.530	0.000	5.530	11.049	10.533	9.287	9.424	Continuing	Continuing
AE5: HEADQUARTERS ARMY ENVIRONMENTAL SYSTEM (HQAES)	5.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
M05: Enterprise Army Workload & Performance Sys (eAWPS)	1.001	0.515	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
T04: USMEPCOM TRANSFORMATION - IT MODERNIZATION	14.414	1.025	0.584	0.000	0.584	0.786	0.000	0.000	0.000	Continuing	Continuing

UNCLASSIFIED

R-1 Line Item #119

Page 1 of 59

1753 of 1922

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army										DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>							
T05: <i>ARMY BUSINESS SYSTEM MODERNIZATION INITIATIVES</i>	0.000	8.214	6.849	0.000	6.849	4.102	1.102	1.101	1.097	Continuing	Continuing

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.

B. Program Change Summary (\$ in Millions)

	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011 Base</u>	<u>FY 2011 OCO</u>	<u>FY 2011 Total</u>
Previous President's Budget	67.815	35.309	32.307	0.000	32.307
Current President's Budget	68.194	66.561	23.957	0.000	23.957
Total Adjustments	0.379	31.252	-8.350	0.000	-8.350
• Congressional General Reductions		-0.348			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		31.600			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Adjustments to Budget Years	0.379	0.000	-8.350	0.000	-8.350

UNCLASSIFIED

R-1 Line Item #119

Page 2 of 59

1754 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT 087: <i>Distributed Learning System (DLS)</i>			
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
087: <i>Distributed Learning System (DLS)</i>	0.441	0.561	0.346	0.000	0.346	0.702	0.669	0.587	0.596	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

The Distributed Learning System (DLS) is an Army Acquisition Category III Army Component (ACAT III AC) automated information system that modernizes 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 Strategy 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 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. FY2011 Core dollars of \$346 thousand procures operational test & evaluation (OT&E) of DLS Increment 3, Army Learning Management System (ALMS) engineering change proposals (ECPs). The ALMS is the Army-approved, centrally-managed and funded, system for training management that supports transformation of Army training through the use of information technology (IT). The ALMS streamlines, consolidates, and provides overall direction to the Army's training processes. When fully operational, the ALMS will manage a student's training activities from initial entry and continue throughout his/her service. The ALMS provides courses and training resource management, scheduling and registration functions, courseware distribution and storage, and learning collaboration.

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

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	0.287	0.000	0.000	0.000	0.000
Accomplishment: Increment 4 (DDTC) - Engineering & Manufacturing Development (E&MD) [FY2009 Core]					
<i>FY 2009 Accomplishments:</i>					
FY 2009					

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #2 Accomplishment: Increment 4 (DDTC) - System Developmental Test & Evaluation (DT&E) [FY2009 Core] <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.154	0.000	0.000	0.000	0.000
Program #3 Planned Program: Increment 4 (DDTC) Engineering & Manufacturing Development (E&MD) [FY2010 Core]		0.000	0.081	0.000	0.000	0.000

UNCLASSIFIED

UNCLASSIFIED

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2009 Accomplishments:</i> FY 2009						
<i>FY 2010 Plans:</i> FY 2010						
<i>FY 2011 Base Plans:</i> FY 2011 Base						
<i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #4 Planned Program: Increment 4 (DDTC) - System Operational Test & Evaluation (OT&E) [FY2010 Core]		0.000	0.480	0.000	0.000	0.000
<i>FY 2009 Accomplishments:</i> FY 2009						
<i>FY 2010 Plans:</i> FY 2010						
<i>FY 2011 Base Plans:</i> FY 2011 Base						
<i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #5		0.000	0.000	0.346	0.000	0.346

UNCLASSIFIED

R-1 Line Item #119

Page 5 of 59

1757 of 1922

UNCLASSIFIED

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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 087: <i>Distributed Learning System (DLS)</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Planned Program: Increment 3 (ALMS) - Engineering Change Proposals (ECP) Operational Test & Evaluation (OT&E) [FY2011 Core] <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #6 Small Business Innovative Research/Small Business Technology Transfer Programs <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.000	0.000	0.000	0.000	0.000

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army										DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT 087: <i>Distributed Learning System (DLS)</i>			
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Accomplishments/Planned Programs Subtotals						0.441	0.561	0.346	0.000	0.346	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: <i>OMA APEs</i> <i>324631/432612/432615</i>	52.490	49.656	48.673	0.000	48.673	44.989	42.308	44.314	43.207	Continuing	Continuing
• Ord. #2: <i>OPA SSN BE4173 THE</i> <i>ARMY DISTANCE LEARNING</i> <i>PROGRAM</i>	9.071	7.980	9.856	0.000	9.856	10.056	11.860	10.963	11.630	Continuing	Continuing
D. Acquisition Strategy											
<p>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 digital training facilities, courseware, and media types; (2) requirements for future increments are 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 Army's Training and Doctrine Command (TRADOC) requirements document 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-Desktop and Simulations) are best satisfied by changes to the existing Increment 2 (Networked DLS) platform as future system releases.</p>											
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.											

UNCLASSIFIED

R-1 Line Item #119

Page 7 of 59

1759 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT 099: <i>Army Human Resource System (AHR)</i>			
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
099: <i>Army Human Resource System (AHR)</i>	10.357	34.172	1.272	0.000	1.272	2.530	2.361	2.037	2.027	Continuing	Continuing
Quantity of RDT&E Articles											
<u>A. Mission Description and Budget Item Justification</u>											
<p>Army Human Resource System (AHR) 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 AHR requires the development of an authoritative Army Corporate database to support the eventual migration to the Defense Integrated Military Human Resource System (DIMHR). However, major elements of AHR are not planned to be subsumed into DIMHR. AHR 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 DIMHR. Select elements of eMILPO will need to be operated in parallel with DIMHR until/unless DIMHR is able to absorb all eMILPO functionality. - Deployed Theater Accountability System (DTAS) is a web-enabled system residing on the Secret Internet Protocol Router Network (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 DIMHR migration and will be interfaced to DIMHR in order to provide this accountability function, which is not present within DIMHR. - 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 DIMHR migration, and will eventually be subsumed into DIMHR. Personnel Transformation (PT)- Enterprise Service Bus (ESB)- The Army's Enterprise Service Bus (ESB) provides a data integration service in which data can be extracted from the legacy human resource systems and transferred to DIMHR. The ESB will be a middleware application which will provide a single interface to and from DIMHR from the Army Legacy Systems. The ESB 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 DIMHR, the Army Legacy Systems, and external systems to create more streamlined systems in support of the military mission and personnel transformation goals. FY 2011 Core funding procures configuration management software, test and evaluation software, life cycle replacement of legacy equipment and Continuity of Operations (COOP) equipment and software to support persistent system functions.</p>											
<u>B. Accomplishments/Planned Program (\$ in Millions)</u>											

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology</i> <i>Development</i>	PROJECT 099: <i>Army Human Resource System (AHRS)</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1 AHRS - Post Deployment Software Support (PDSS) - Engineering Change Packages (ECPs)/System Change Packages (SCPs) Interim Change Packages (ICPs) in support of eMILPO and DTAS <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		2.875	11.722	0.598	0.000	0.598
Program #2 AHRS - Development <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base		3.153	11.106	0.674	0.000	0.674

UNCLASSIFIED

R-1 Line Item #119

Page 9 of 59

1761 of 1922

UNCLASSIFIED

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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 099: <i>Army Human Resource System (AHR)</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #3 Army Continuing Education System <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.354	11.344	0.000	0.000	0.000
Program #4 Personnel Transformation - Enterprise Service Bus (ESB) <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010		0.000	0.000	0.000	0.000	0.000

UNCLASSIFIED

UNCLASSIFIED

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B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #5 DIMHRS - Army Defense Integrated Military Human Resource System <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		3.975	0.000	0.000	0.000	0.000
Program #6 Small Business Innovative Research/Small Business Technology Transfer Programs <i>FY 2009 Accomplishments:</i> FY 2009		0.000	0.000	0.000	0.000	0.000

UNCLASSIFIED

UNCLASSIFIED

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B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
<i>FY 2010 Plans:</i> FY 2010											
<i>FY 2011 Base Plans:</i> FY 2011 Base											
<i>FY 2011 OCO Plans:</i> FY 2011 OCO											
Accomplishments/Planned Programs Subtotals						10.357	34.172	1.272	0.000	1.272	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: <i>AHRS, OPA, SSN W00800, STACOMP</i>	10.579	10.781	0.000	0.000	10.987	0.000	0.000	0.000	0.000	Continuing	Continuing
• Ord. #2: <i>AHRS, OMA, 432612/432615</i>	5.586	5.736	0.000	0.000	5.888	0.000	0.000	0.000	0.000	Continuing	Continuing
• Ord. #3: <i>Personnel Transformation-ESB, OPA, BE4164000</i>	3.243	3.305	0.000	0.000	3.368	0.000	0.000	0.000	0.000	Continuing	Continuing
• Ord. #4: <i>Personnel Transformation-ESB OPA, SSN W00800</i>	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
• Ord. #5: <i>Personnel Transformation-eHRS, OMA, 432612</i>	22.320	22.870	0.000	0.000	23.433	0.000	0.000	0.000	0.000	Continuing	Continuing
D. 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											

UNCLASSIFIED

UNCLASSIFIED

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<p>GSA schedule and existing contractual vehicles. The Title 10 functionality has transferred to AHR. 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 AHR. 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 Enterprise Service Bus (ESB) program management approach is a middleware application which will provide a single interface to and from DIMHRS from the Army Legacy Systems. The ESB 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. 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.</p> <p>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.</p>		

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army **DATE:** February 2010

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Product Development (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
AHR - PDSS ECPs/SCPs/ICPs	C/FP	Electronic Data Systems Herndon, VA	21.330	3.447		1.272		0.000		1.272	Continuing	Continuing	0
Personnel Transformation ESB - Research/Development PT Impacts on Objective Force	C/FP	Science Applications International Corp (SAIC) San Diego, CA	25.652	0.000		0.000		0.000		0.000	Continuing	Continuing	0
DIMHRS	C	Northrup Grumman Location could not be determined.	0.000	4.902		0.000		0.000		0.000	0	58.602	0
AHR - Software Development	C	Electronic Data Systems Herndon, VA	39.901	4.299		1.427		0.000		1.427	Continuing	Continuing	0
Army Continuing Education System	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.699		0.000		0.699	.699	1.398	0
Subtotal			86.883	12.648		3.398		0.000		3.398			0.000

Remarks

UNCLASSIFIED

UNCLASSIFIED

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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	
137: <i>TRANS COORDINATORS' AUTO INFO FOR MOVEMENT SYS II</i>	0.141	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing	
Quantity of RDT&E Articles												
A. Mission Description and Budget Item Justification												
<p>Transportation Information Systems (TIS) Product Office funding supports design, development, testing, and program management functions for Transportation Coordinators' - Automated Information for Movement System II (TC-AIMS II).TC-AIMS II:- Provides an integrated information transportation system capability for deployment, sustainment, and redeployment operations during both war and peacetime operations for the U.S. Army U.S Air Force and U.S. Navy.- 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.- 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, and United States Transportation Command.- Supports Pre-Planned Product Improvements (P3I), a post Block 3 development capabilities.</p>												
B. Accomplishments/Planned Program (\$ in Millions)												
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total		
Program #1 Pre-Planned Product Improvements (P3I)- Life cycle refresh Accomplishments: Efforts completed in FY 2009 Planned Program: There are currently no further planned program development activities past FY 2009. <i>FY 2009 Accomplishments:</i> FY 2009						0.141	0.000	0.000	0.000	0.000		

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 137: <i>TRANS COORDINATORS' AUTO INFO FOR MOVEMENT SYS II</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #2 Small Business Innovative Research/Small Business Technology Transfer Programs <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.000	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals		0.141	0.000	0.000	0.000	0.000

UNCLASSIFIED

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army	DATE: February 2010
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APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 137: <i>TRANS COORDINATORS' AUTO INFO FOR MOVEMENT SYS II</i>
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u> <u>Base</u>	<u>FY 2011</u> <u>OCO</u>	<u>FY 2011</u> <u>Total</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• Ord. #1: <i>OPA - SSN: BZ8900 TC AIMS II</i>	22.774	11.089	10.457	0.000	10.457	11.422	14.686	12.470	15.489	Continuing	Continuing
• Ord. #2: <i>OMA - APE: 432612</i>	22.604	40.472	22.979	0.000	22.979	33.826	24.516	28.718	36.152	Continuing	Continuing

D. Acquisition Strategy

Transportation Information Systems (TIS) Product Office for the Transportation Coordinators' - Automated Information for Movement System II (TC-AIMS II) used Integrated Support Memorandum of Agreement (MOA) to develop and maintain the software. A separate contract provided program management support, fielding of the system, and training to the software. TC-AIMS II system development followed a multi-block, phased development and fielding strategy to reduce technical, program, and user acceptance risks. TC-AIMS II system capability is broken into three separate, software blocks including: Block 1 - Unit Move, Block 2 - Enhanced Unit Move (Web), and Block 3 - Reception, Staging, Onward Movement and Integration (RSO&I), Movement Control and Planning, and Map Graphics. Infrastructure requirements are satisfied by the establishment of an Enterprise Architecture composed of a Central Management Facility supporting Multiple Regional Access Nodes. Additional infrastructure requirements included the acquisition and deployment of Commercial-Off-The-Shelf (COTS) hardware that provided a breakaway client-server capability which functions in isolated workgroups or in stand-alone modes.

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.

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT 184: <i>INSTALLATION SUPPORT MODULES (ISM)</i>			
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
184: <i>INSTALLATION SUPPORT MODULES (ISM)</i>	0.713	1.513	2.300	0.000	2.300	2.309	2.318	2.329	2.342	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Continues migration of the fielded Installation Support Modules (ISM) software (Disk Operating System character based) applications to a more modern graphical user interface in a web based environment allowing the combat soldier as well as the field commander access to records impacting soldier readiness. Additional functionality will be fielded in FY09 and FY10. ISM, deployed to Army sites worldwide, is software applications that have been developed and standardized to perform business functions at the Installation level. These modules are based upon functional processes used by the combatant command staff as well as installation staff. The ISM system is 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 infrastructure 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 Army executives. ISM consists of five discrete modules focusing on Army Force Generation 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 (OCIE). The Theater Network Operations and Security Center, Ft. Huachuca, AZ manages the ISM network, provides general system configuration control, operates a 24/7 Helpdesk, provides user account management, and performs automated backups for ISM devices located at Army sites worldwide. Coalition Warfighter Interoperability Demonstration (CWID) is a mandated Joint program that requires participation by the US Army to explore near-term technologies that support Joint and Coalition Warfare Interoperability. Funding is to facilitate Coalition Force interoperability research and development and to comply with CJCSI 6230.2 date 30 April 05. Army Behavioral Health Integrated Data Environment (ABHIDE) will be the U.S. Army Center for Health Promotion and Preventive Medicine (CHPPM) Suicide Registry. Data relating to suicides and suicides attempts are collected and stored in a in disparate, non-related databases that cross the domains of medical, personnel and law enforcement. ABHIDE will provide the capability of integrating the non-related and dispersed data from the separate sources into a single comprehensive database to support both retrospective and predictive analysis. The information obtained will be used to conduct epidemiological surveillance, identify trends in behavior patterns and identify potential indicators for suicidal tendencies supporting the mitigation of future suicide attempts across all phases of Army service.FY11 Core funding is essential for supporting demands for improved systems to provide for soldier safety and combat equipment in compliance with Dept of Defense Instruction 8320.4 Serialized Item Management as well as support research and development to comply with Chairman, Joint Chiefs of Staff Initiative 6230.2. Applications to use bar code devices in Central Issue Facilities will insure that excess stocks can be moved to units with emerging needs to satisfy deployment requirements without having unnecessary procurement. Funding for CWID will continue to facilitate Coalition Force interoperability research and development. Funding for ABHIDE will continue development of the system.FY11 OCO funding is not required.

UNCLASSIFIED

R-1 Line Item #119

Page 19 of 59

1771 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army			DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 184: <i>INSTALLATION SUPPORT MODULES (ISM)</i>				
<u>B. Accomplishments/Planned Program (\$ in Millions)</u>						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1 Independent Verification and Validation (IV&V) Testing <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.060	0.062	0.062	0.000	0.062
Program #2 Post-Deployment Software Support (PDSS) - Engineering Change Packages (ECPs)/System Change Packages (SCPs) ; Accomplished: addition of Ad Hoc Query capability, e-signature capability in the CIF module; Planned: COTS application of bar coding solution to CIF module to insure soldiers get the equipment they need to execute their assigned mission as they progress through ARFORGEN cycles. Bar coding stocks insures Army will achieve an "equipping balance" based on CSA guidance to build enduring readiness while providing the soldier with the safest equipment possible. <i>FY 2009 Accomplishments:</i> FY 2009		0.337	0.348	0.356	0.000	0.356

UNCLASSIFIED

R-1 Line Item #119

Page 20 of 59

1772 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 184: <i>INSTALLATION SUPPORT MODULES (ISM)</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #3 Coalition Warfighter Interoperability Demonstration (CWID) <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.316	0.303	0.294	0.000	0.294
Program #4 Army Behavioral Health Integrated Data Environment		0.000	0.000	1.588	0.000	1.588

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 184: <i>INSTALLATION SUPPORT MODULES (ISM)</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2009 Accomplishments:</i> FY 2009						
<i>FY 2010 Plans:</i> FY 2010						
<i>FY 2011 Base Plans:</i> FY 2011 Base						
<i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #5 Small Business Innovative Research/Small Business Technology Transfer Programs		0.000	0.000	0.000	0.000	0.000
<i>FY 2009 Accomplishments:</i> FY 2009						
<i>FY 2010 Plans:</i> FY 2010						
<i>FY 2011 Base Plans:</i> FY 2011 Base						
<i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #6		0.000	0.800	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #119

Page 22 of 59

1774 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army							DATE: February 2010				
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>			R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>			PROJECT 184: <i>INSTALLATION SUPPORT MODULES (ISM)</i>					
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Congressional Add											
<i>FY 2009 Accomplishments:</i> FY 2009											
<i>FY 2010 Plans:</i> FY 2010											
<i>FY 2011 Base Plans:</i> FY 2011 Base											
<i>FY 2011 OCO Plans:</i> FY 2011 OCO											
Accomplishments/Planned Programs Subtotals							0.713	1.513	2.300	0.000	2.300
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: <i>OMA APE: 432612/432100</i>	12.219	12.546	0.000	0.000	12.861	13.144	13.433	0.000	0.000	Continuing	Continuing
• Ord. #2: <i>BE4162 MACOM</i>	0.509	0.521	0.000	0.000	0.532	0.544	0.556	0.000	0.000	Continuing	Continuing
<i>AUTOMATION SYSTEMS</i>											
D. Acquisition Strategy											
This system is in Post Deployment Software Support (PDSS). The present concept calls for the use of full and open competition to implement enhancements as defined by the Functional Proponent, Army Chief Information Officer (CIO)/G-6.											
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.											

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army										DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT 184: <i>INSTALLATION SUPPORT MODULES (ISM)</i>					

Product Development (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
PDSS ECPs/SCPs/ICPs	C/FP	Systems Research & Applications Fairfax, VA	9.762	0.350		0.348		0.000		0.348	Continuing	Continuing	0
JWID Development - Army	C	OSD Location could not be determined.	3.937	0.323		0.303		0.000		0.303	Continuing	Continuing	0
Rock Island Ops Center486	C/FP	Intergraph Huntsville, AL	0.949	0.000		0.000		0.000		0.000	0	.949	0
Army Behavioral Health Integrated Data Environment	C/TBD	TBD Location could not be determined.	0.000	0.000		0.000		0.000		0.000	0	0	0
Subtotal			14.648	0.673		0.651		0.000		0.651			0.000

Remarks

Support (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
PM Support	C	AMRDEC Redstone Arsenal, AL	0.000	0.000		0.000		0.000		0.000	0	0	0
Subtotal			0.000	0.000		0.000		0.000		0.000	0.000	0.000	0.000

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT 184: <i>INSTALLATION SUPPORT MODULES (ISM)</i>					
Support (\$ in Millions)													
				FY 2010		FY 2011 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
Remarks AMRDEC - Aviation and Missile Research, Development and Engineering Center (US Army Aviation and Missile Command)													
Test and Evaluation (\$ in Millions)													
				FY 2010		FY 2011 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
Independent Verification and Validation (IVV) Testing	C/FP	ANTEON Corp Fairfax, VA	1.740	0.060		0.062		0.000		0.062	Continuing	Continuing	0
Subtotal			1.740	0.060		0.062		0.000		0.062			0.000
Remarks													
			Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			16.388	0.733		0.713		0.000		0.713			0.000
Remarks													

UNCLASSIFIED

R-1 Line Item #119

Page 25 of 59

1777 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT 193: <i>MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE</i>			
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
193: <i>MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE</i>	7.423	6.954	4.358	0.000	4.358	8.834	8.412	7.412	7.546	Continuing	Continuing
Quantity of RDT&E Articles											
<u>A. Mission Description and Budget Item Justification</u>											
<p>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' medical treatment to include pre- and post-deployment screening and its associated medical surveillance. The MC4 System will 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. The MC4 System also indirectly supports other soldier protection initiatives as analysis of injury data collected from the MC4 systems is used to support the identification and development of other critical soldier support systems such as body armor, improved helmets, traumatic brain injury protection and trauma reduction. 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-J) suite of software. 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. FY11 Core funding will be used for the engineering effort required to provide the Defense Health Information Management System (DHIMS) TMIP-J software on the Army platform, as well as the engineering effort for other Army unique capability. Activities include:--Test augmentation to include development testing of TMIP (all releases until final objective), and other Army unique software capabilities--Integration testing of software systems on the MC4 baseline system--Future engineering in architecture development for better efficiency and effectiveness--Evaluation of technology obsolescence and solutions--Evaluation and testing of technology upgrades to include capabilities identification through market surveys and demonstrations--Evaluation of new health care capabilities not provided by DHIMS/TMIP, e.g. teleradiology--Test and evaluation of new capabilities and how well they work in the combat theater--Lab site studies with technology and scenarios--Interfaces with other systems, e.g. Army Brigade Combat Team Modernization</p>											
<u>B. Accomplishments/Planned Program (\$ in Millions)</u>											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Program #1 Program Management						0.210	0.225	0.240	0.000	0.240	

UNCLASSIFIED

R-1 Line Item #119

Page 26 of 59

1778 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 193: <i>MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #2 Logistics Support Planning for P3I and System Upgrades <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.179	0.192	0.205	0.000	0.205
Program #3		1.654	1.748	0.827	0.000	0.827

UNCLASSIFIED

R-1 Line Item #119

Page 27 of 59

1779 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 193: <i>MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Engineering and Technical Support for P3I and System Upgrades <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #4 MC4 Testing for P3I and System Upgrades <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		1.225	1.261	0.974	0.000	0.974

UNCLASSIFIED

R-1 Line Item #119

Page 28 of 59

1780 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology</i> <i>Development</i>	PROJECT 193: <i>MEDICAL COMMUNICATIONS FOR</i> <i>COMBAT CASUALTY CARE</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #5 Integration and testing for Army Unique Solutions <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.389	0.416	0.305	0.000	0.305
Program #6 MC4/TMIP Integration and Testing for P3I and System Upgrades <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		2.966	2.935	1.630	0.000	1.630

UNCLASSIFIED

R-1 Line Item #119

Page 29 of 59

1781 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 193: <i>MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #7 Electronic Commodity (Congressional requirement) <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.800	0.000	0.000	0.000	0.000
Program #8 Small Business Innovative Research/Small Business Technology Transfer Programs (estimate) <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.000	0.177	0.177	0.000	0.177

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army							DATE: February 2010				
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>			R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>			PROJECT 193: <i>MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE</i>					
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Accomplishments/Planned Programs Subtotals							7.423	6.954	4.358	0.000	4.358
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: <i>OPA SSN MA8046 (MC4)</i>	50.929	18.542	23.606	15.000	38.606	24.175	66.601	8.550	4.724	Continuing	Continuing
• Ord. #2: <i>OMA APE 432612</i>	9.037	9.149	9.393	0.000	9.393	9.683	2.533	3.265	3.521	Continuing	Continuing
D. Acquisition Strategy											
<p>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 automation/communications infrastructure capabilities supporting fielding of the Joint Theater Medical Information Program (TMIP) integrated software application suite and other Army requirements. The MC4 hardware is procured as Commercial-off-the-Shelf (COTS) components. 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 continues 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 Pre-Planned Product Improvements. This evolutionary 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.</p>											
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.											

UNCLASSIFIED

R-1 Line Item #119

Page 31 of 59

1783 of 1922

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT 193: <i>MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE</i>					
Support (\$ in Millions)													
				FY 2010		FY 2011 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
Electronic Commodity	C	GOV WORKS Location could not be determined.	1.900	0.000		0.000		0.000		0.000	Continuing	Continuing	0
PMO Support	C/CPFF	CACI Inc-Federal Arlington, VA	2.275	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Logistics Planning	C	PMO Ft. Detrick, MD	2.629	0.179		0.180		0.000		0.180	Continuing	Continuing	0
Logistics Planning Spt	C/CPFF	CACI Inc-Federal Arlington, VA	1.481	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Engineering & Technical Spt	C	PMO Ft. Detrick, MD	3.336	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Engineering & Tech Spt	C/CPFF	L3 (was Titan) Reston, VA	4.341	0.390		0.500		0.000		0.500	Continuing	Continuing	0
PMO Support - 2	C/CPFF	General Dynamics (was Anteon Inc.) Fairfax, VA	0.708	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Information Assurance	C	ISEC Support Location could not be determined.	0.000	0.650		0.650		0.000		0.650	Continuing	Continuing	0
SBIR/STTR	C	GOVWORKS Location could not be determined.	0.000	0.025		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			16.670	1.244		1.330		0.000		1.330			0.000

UNCLASSIFIED

R-1 Line Item #119

Page 32 of 59

1784 of 1922

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 193: <i>MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE</i>
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Support (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			

Remarks

Electronic Commodity is a pass-through to Department of Interior, an initiative of SEN Byrd of West Virginia, from Congressional MARKS. SBIR/STTR reductions taken from program.PMO SUPPORT with GDIT moved to another appropriation to better align activities with program life cycle

Test and Evaluation (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
MC4 Integration and Testing	C/CPFF	L3 (was Titan) Reston, VA	7.958	1.905		0.849		0.000		0.849	Continuing	Continuing	0
PMO Testing Spt	C	ATEC/AMEDD Board Location could not be determined.	3.467	0.425		0.325		0.000		0.325	Continuing	Continuing	0
MC4/TMIP System Engineering	C/CPFF	John Hopkins University (JHU) Applied Physics Lab Laurel, MD	22.477	3.170		1.629		0.000		1.629	Continuing	Continuing	0
Subtotal			33.902	5.500		2.803		0.000		2.803			0.000

Remarks

UNCLASSIFIED

R-1 Line Item #119

Page 33 of 59

1785 of 1922

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army											DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT 193: <i>MEDICAL COMMUNICATIONS FOR COMBAT CASUALTY CARE</i>					
Management Services (\$ in Millions)													
				FY 2010		FY 2011 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
Prog Mgmt Operations	C	PMO Ft Detrick, MD	7.810	0.210		0.225		0.000		0.225	Continuing	Continuing	0
funding not received	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			7.810	0.210		0.225		0.000		0.225			0.000
Remarks Funding in Program Management Operations includes direct pay of PMO government employees, TDY, training, supplies, etc. in direct support of RDTE effort													
			Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			58.382	6.954		4.358		0.000		4.358			0.000
Remarks													

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT 474: <i>ENTERPRISE TRANSMISSION SYSTEMS</i>			
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
474: <i>ENTERPRISE TRANSMISSION SYSTEMS</i>	1.924	2.942	2.718	0.000	2.718	5.521	5.271	9.335	9.496	Continuing	Continuing
Quantity of RDT&E Articles											
A. Mission Description and Budget Item Justification											
<p>Combat Service Support (CSS) Automated Information System Interface (CAISI) is a high-data-rate wireless system that provides sensitive information (SI) and is the backbone for logistics connectivity down to individual Combat Service Support (CSS) computer systems located within the sustainment area. 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 depot-level with additional support at forward repair activities. Computer based training, on-line refresher training and technical support is also provided for CAISI users. CAISI employs a deployable wireless LAN infrastructure linking STAMIS computers in a 7 square-kilometer area using wireless bridging. CAISI design incorporates full lifecycle sustainability features to ensure reliability and supportability in full spectrum operations.</p>											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1 Accomplishments: The FY2009 Core funding provided follow-on testing, product improvement, integration and IA compliance. <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base							1.924	0.000	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #119

Page 35 of 59

1787 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 474: <i>ENTERPRISE TRANSMISSION SYSTEMS</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #2 Planned Program: FY2010 Core Funding and beyond provide additional testing, product improvement, integration and IA compliance to ensure CAISI connectivity, reliability, accessibility and maintainability (RAM). <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.000	2.942	2.718	0.000	2.718
Program #3 Small Business Innovative Research/Small Business Technology Transfer Programs <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010		0.000	0.000	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #119

Page 36 of 59

1788 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army						DATE: February 2010					
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>			R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>			PROJECT 474: <i>ENTERPRISE TRANSMISSION SYSTEMS</i>					
B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
<i>FY 2011 Base Plans:</i> FY 2011 Base											
<i>FY 2011 OCO Plans:</i> FY 2011 OCO											
Accomplishments/Planned Programs Subtotals						1.924	2.942	2.718	0.000	2.718	
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2011</u>	<u>FY 2011</u>	<u>FY 2011</u>						
<u>Line Item</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• Ord. #1: <i>OPA, BD3512</i>	28.138	17.573	21.691	0.000	21.691	16.405	24.312	16.880	24.176	Continuing	Continuing
• Ord. #2: <i>OMA, 423612</i>	5.687	5.750	5.725	0.000	5.725	3.464	5.685	5.810	5.928	Continuing	Continuing
D. Acquisition Strategy											
Acquisition strategy will be to obtain engineering support, as well as applicable hardware and software to enhance current CAISI capabilities. Funding provides functional assesment, technical support and integration of IA requirements. Integral to this strategy is the imperative of developing the capability for inserting and integrating emerging technologies into the new CAISI.											
E. Performance Metrics											
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 474: <i>ENTERPRISE TRANSMISSION SYSTEMS</i>
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Test and Evaluation (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Research, modification/ integration and testing of CAISI 2.0.	C/FFP	ISEC Ft Huachuca, AZ	17.913	2.942		2.718		0.000		2.718	Continuing	Continuing	0
Subtotal			17.913	2.942		2.718		0.000		2.718			0.000

Remarks

Project Cost Totals	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
		Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Project Cost Totals	17.913	2.942		2.718		0.000		2.718			0.000

Remarks

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 738: <i>AcqBiz</i>
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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
738: <i>AcqBiz</i>	26.780	10.672	5.530	0.000	5.530	11.049	10.533	9.287	9.424	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

PM AcqBusiness establishes and sustains the family of IT business systems that support the business of Army acquisition. The AcqBusiness Program will consist of a family of IT solutions, COTS products, decision support tools and web services that are integrated through a common architecture. Whenever possible, PM AcqBusiness will provide access to external enterprise tools and services from other business domains, Army, OSD and DISA and will not duplicate those capabilities. PM AcqBusiness establishes the enterprise level investment control, portfolio management and requirements visibility which is the heart of IT business system transformation in Army Acquisition. PM AcqBusiness will provide Army Acquisition practitioners with a consistent set of unique business tools, web services, and decision support tools which will provide visibility of authoritative data, consistency in business process, more timely support to acquisition decisions and enterprise control over IT investments. The enterprise tools provided via PM AcqBusiness will also enable the reduction and eventual elimination of stovepipe and redundant tools that exist in the domain today. PM AcqBusiness will provide an environment that will enable a standard capability to allow access to disparate Acquisition Domain data sources. PM AcqBusiness will provide role-based access to authoritative data sources and services. In addition, PM AcqBusiness will provide a framework for information providers to publish their data and expose their services to authorized users.

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

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1 Analysis and Design, Development, Test and Integration of AcqBusiness. <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010	17.158	9.632	4.438	0.000	4.438

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology</i> <i>Development</i>	PROJECT 738: <i>AcqBiz</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #2 Program Management <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.802	1.040	1.092	0.000	1.092
Program #3 Army Business Systems Modernization Initiatives. <i>FY 2009 Accomplishments:</i> FY 2009		8.820	0.000	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #119

Page 40 of 59

1792 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 738: <i>AcqBiz</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #4 Small Business Innovative Research/Small Business Technology Transfer Programs (SBIR/STTR) <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.000	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals		26.780	10.672	5.530	0.000	5.530

UNCLASSIFIED

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 738: <i>AcqBiz</i>

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

<u>Line Item</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u> <u>Base</u>	<u>FY 2011</u> <u>OCO</u>	<u>FY 2011</u> <u>Total</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• Ord. #1: <i>OMA APE 432612</i>	13.157	11.586	0.000	0.000	9.544	10.249	10.378	10.592	10.802	Continuing	Continuing

D. Acquisition Strategy

Product Manager AcqBusiness was established to acquire a centrally managed and funded suite of standard net-centric business capabilities in order to provide Army acquisition practitioners the data visibility necessary to optimize the acquisition of supplies, services, and materiel for the Warfighter. PM AcqBusiness is using an evolutionary acquisition strategy to acquire the capabilities specified in the PM AcqBusiness requirements document in order to realize benefits early and reduce risk. The full range of PM AcqBusiness Service Oriented Architecture (SOA) services will be achieved through an evolutionary implementation of individual components, each delivered within 180 day increments of time. Each service is designed to federate cleanly with and leverage the capabilities provided by other SOA environments by leveraging an open-standards based approach to design. Each PM AcqBusiness SOA service will implement new functionality, and may or may not utilize other already published SOA services. Each service capability will be tested and then made available to consumers throughout the acquisition community and the Army. This approach minimizes the cost incurred for testing the system, as well as minimizes release transition impacts on users. Functionality to be incorporated into each future increment of PM AcqBusiness will be approved by the Acquisition Business Enterprise Governance Board. PM AcqBusiness is using an evolutionary acquisition approach, incorporating the use of commercial-off-the-shelf (COTS) hardware and software, and custom developed software to meet Army requirements. In this approach, the maintenance release will be streamlined to expedite the fielding of a particular PM AcqBusiness software fix or upgrade. Maintenance releases will be installed on an "as needed" basis after testing and approval by PM AcqBusiness. This approach minimizes the time required to deliver new capabilities to users. The PM AcqBusiness acquisition approach embraces the tenets of Subtitle III of Title 40, U.S.C. (Formerly the Clinger-Cohen Act of 1996). As such, the PM AcqBusiness is: (1) performing Business Process Reengineering (BPR) in advance of development of AcqBusiness capabilities. AcqBusiness is primarily about changing how the acquisition business functions are done in the Army; (2) encouraging the purchase of commercial products and innovations from private industry; (3) involving potential suppliers of SOA technology early in the requirements generation process; (4) employing outsourcing wherever possible; and (5) acquiring the AcqBusiness capabilities in interoperable modules, leveraging the evolutionary acquisition approach.

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.

UNCLASSIFIED

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 738: <i>AcqBiz</i>
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Product Development (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Army Business Systems Modernization Initiatives.	C/Various	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Analysis and Design, Development , Integration and Testing	C	Northrup Grumman McLean, VA	20.468	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Application Licenses	SS/FP	Mythics Virginia Beach, VA	8.840	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Analysis and Design, Development, Integration	C	Various Agencies Location could not be determined.	0.000	9.688		7.932		0.000		7.932	Continuing	Continuing	0
System Development and Integration	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Requirements, Equipment and Software	C	Various Agencies Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			29.308	9.688		7.932		0.000		7.932			0.000

Remarks

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 738: <i>AcqBiz</i>
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Support (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Management Support Costs	C	Bearing Point Inc McLean, VA	0.174	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			0.174	0.000		0.000		0.000		0.000			0.000

Remarks

Test and Evaluation (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Test and Evaluation	C	Various Agencies Location could not be determined.	1.350	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Test and Evaluation and Quality Assurance Support	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			1.350	0.000		0.000		0.000		0.000			0.000

Remarks

UNCLASSIFIED

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Army **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 738: <i>AcqBiz</i>
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Management Services (\$ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Management Support	C	Various Agencies Location could not be determined.	4.015	1.040		1.092		0.000		1.092	Continuing	Continuing	0
Subtotal			4.015	1.040		1.092		0.000		1.092			0.000

Remarks

	Total Prior Years Cost	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	34.847	10.728	9.024	0.000	9.024			0.000

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2011 Army			DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>		R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>			PROJECT 738: <i>AcqBiz</i>	

	FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				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
Increment One IOC		#																										
Increment Two IOC			#																									
Increment Three IOC				#																								
Increment Four IOC							#																					
Increment Five IOC								#																				
Increment Six IOC											#																	
Increment Seven IOC												#																
Increment Eight IOC															#													
Increment Nine IOC																#												
Increment Ten IOC																			#									
Increment Eleven IOC																				#								
Increment Twelve IOC																							#					
Increment Thirteen IOC																								#				
Increment Fourteen IOC																											#	

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Army **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT 738: <i>AcqBiz</i>
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Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
Increment One IOC	2	2009	2	2009
Increment Two IOC	3	2009	3	2009
Increment Three IOC	1	2010	1	2010
Increment Four IOC	3	2010	3	2010
Increment Five IOC	1	2011	1	2011
Increment Six IOC	3	2011	3	2011
Increment Seven IOC	1	2012	1	2012
Increment Eight IOC	3	2012	3	2012
Increment Nine IOC	1	2013	1	2013
Increment Ten IOC	3	2013	3	2013
Increment Eleven IOC	1	2014	1	2014
Increment Twelve IOC	3	2014	3	2014
Increment Thirteen IOC	1	2015	1	2015
Increment Fourteen IOC	3	2015	3	2015

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT AE5: <i>HEADQUARTERS ARMY ENVIRONMENTAL SYSTEM (HQAES)</i>			
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
AE5: <i>HEADQUARTERS ARMY ENVIRONMENTAL SYSTEM (HQAES)</i>	5.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											
<u>A. Mission Description and Budget Item Justification</u>											
Mission Description and Budget Item Justification is not defined.											
<u>B. Accomplishments/Planned Program (\$ in Millions)</u>											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Empty Accomplishment. No Accomplishments/Planned Programs returned for this item. <i>FY 2009 Accomplishments:</i> FY 2009							0.000	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals							0.000	0.000	0.000	0.000	0.000
<u>C. Other Program Funding Summary (\$ in Millions)</u>											
N/A											
<u>D. Acquisition Strategy</u>											
N/A											
<u>E. Performance Metrics</u>											
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.											

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT M05: <i>Enterprise Army Workload & Performance Sys (eAWPS)</i>			
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
M05: <i>Enterprise Army Workload & Performance Sys (eAWPS)</i>	1.001	0.515	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											
<u>A. Mission Description and Budget Item Justification</u>											
<p>The Enterprise Army Workload and Performance System (eAWPS) is a capstone Human Resource based system that combines information from multiple Army business operations into an integrated data environment to support senior decision making. Additionally, it provides scenario planning to identify program alternatives and risks linked to the transformation of the Army business enterprise. eAWPS operates on the principle of building information from workload and performance data derived from authoritative Army systems (existing and future) to create an enterprise view. The system is comprised of five major modules integrating data on operational requirements, current performance information, resource management, time and attendance, and output to facilitate the linkage between manpower and budget programming, planning, and execution. eAWPS provides strategic and operational decision makers the ability to view information at user-specified levels of aggregation providing unique customization capabilities. eAWPS was originally designed for the Army Material Command maintenance community and is now being extended to non-maintenance activities commencing with the Office of the Administrative Assistant, Army Reserve, Human Resources and Army Medical Command, as well as maintenance expansion into Army Reserve and Army National Guard maintenance sites.</p>											
<u>B. Accomplishments/Planned Program (\$ in Millions)</u>											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
Program #1						0.786	0.500	0.000	0.000	0.000	
Software and architecture development <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010											

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT M05: <i>Enterprise Army Workload & Performance Sys (eAWPS)</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #2 Program Management <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.215	0.000	0.000	0.000	0.000
Program #3 Small Business Innovative Research/Small Business Technology Transfer Program <i>FY 2009 Accomplishments:</i> FY 2009		0.000	0.015	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT M05: <i>Enterprise Army Workload & Performance Sys (eAWPS)</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2010 Plans:</i> FY 2010						
<i>FY 2011 Base Plans:</i> FY 2011 Base						
<i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Accomplishments/Planned Programs Subtotals		1.001	0.515	0.000	0.000	0.000
C. Other Program Funding Summary (\$ in Millions) N/A						
D. Acquisition Strategy N/A						
E. Performance Metrics Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.						

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT T04: <i>USMEPCOM TRANSFORMTION - IT MODERNIZATION</i>
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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
T04: <i>USMEPCOM TRANSFORMTION - IT MODERNIZATION</i>	14.414	1.025	0.584	0.000	0.584	0.786	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

The Virtual Interactive Processing System (VIPS) will modernize and automate the Information Technology (IT) capabilities for qualifying Applicants into the Military Service during wartime, peacetime, and mobilization. VIPS will enable a responsive, flexible and efficient means to qualify Applicants to meet manpower resource requirements for the uniformed Services, Coast Guard, and National Guard routine and contingency operations. VIPS will be the future accessioning system to be used by the US Military Entrance Processing Command (USMEPCOM) which serves as the single entry point for determining the physical, aptitude, and conduct qualifications of candidates for enlistment. VIPS will provide the capability to electronically acquire, process, store, secure, and seamlessly share personnel data across the Accessions Community of Interest (ACOI). When fully implemented, VIPS will reduce the cycle time required to induct enlistees to meet the needs of Homeland Defense, reduce the number of visits to the Military Entrance Processing Stations (MEPS), reduce manual data entry errors, and reduce attrition through better pre-screening practices. The implementation of a Service Oriented Architecture (SOA) approach will enable accession data to be securely available to applicants and ACOI partners such as Recruiting and Training Commands, Defense Manpower Data Center (DMDC), Military Health System, Human Resource Management (HRM), and Defense Travel Management Office (DTMO). VIPS will support compliance with DoD direction for a net-centric environment and take advantage of automated data capture technology, e.g., medical equipment with the capability to capture and electronically transmit exam results. The accessioning system of the future will be location independent, virtually paper-free, and automated to assist with bringing the right people at the right time to operational commanders. On November 1, 2008, the DoD Business Transformation Agency (BTA) assumed program lead. Funds transferred to BTA in the Fiscal Year 2010 (FY10) Program Objective Memorandum (POM). This remaining RDT&E will be used by USMEPCOM for continued project transformation support of VIPS.

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

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1 Product Development - Research and Prototype Development	13.413	0.000	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT T04: <i>USMEPCOM TRANSFORMTION - IT MODERNIZATION</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2009 Accomplishments:</i> FY 2009						
<i>FY 2010 Plans:</i> FY 2010						
<i>FY 2011 Base Plans:</i> FY 2011 Base						
<i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #2 Test and Evaluation		0.000	0.000	0.000	0.000	0.000
<i>FY 2009 Accomplishments:</i> FY 2009						
<i>FY 2010 Plans:</i> FY 2010						
<i>FY 2011 Base Plans:</i> FY 2011 Base						
<i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #3		1.001	1.001	0.584	0.000	0.584

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT T04: <i>USMEPCOM TRANSFORMTION - IT MODERNIZATION</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Project Support <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Program #4 Program Management <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO		0.000	0.000	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #119

Page 54 of 59

1806 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010							
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>		R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>		PROJECT T04: <i>USMEPCOM TRANSFORMTION - IT MODERNIZATION</i>							
B. Accomplishments/Planned Program (\$ in Millions)											
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total			
Program #5 Small Business Innovative Research/Small Business Technology Transfer Program <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO				0.000	0.024	0.000	0.000	0.000			
Accomplishments/Planned Programs Subtotals				14.414	1.025	0.584	0.000	0.584			
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: <i>OMA APE 33271600</i>	9.171	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	9.171
D. Acquisition Strategy											
VIPS will be acquired using an incremental acquisition strategy to develop and field the system in multiple increments. Increments will be developed to meet user requirements and place a capability in the hands of the stakeholders as early as possible. The incremental development strategy will allow for opportunities to align VIPS engineering and development with the ongoing deployment of other Service modernization projects such as Defense Travel System (DTS), Armed Forces Health Longitudinal Technology Application (AHLTA), Internet Computerized Adaptive Testing (ICAT), and Defense Integrated Military Human Resources System (DIMHRS), promoting incorporation of existing systems into the VIPS solution and mitigate program costs. Requirements will be based on the industry's capabilities discovered through market sampling and review of technology and systems conducted by PEO-EIS (IMS-A/USMEPCOM), Business Transformation Agency (BTA) and the ACOI. In accordance with the incremental acquisition strategy, the program will complete											

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT T04: <i>USMEPCOM TRANSFORMTION - IT MODERNIZATION</i>
<p>Milestones B and C in stages that correspond to three major increments. Milestone B for Increment 1.0 will be completed by the end of FY 2010. Completion of Milestone B for Increment 1.0 will ensure start of Engineering and Manufacturing Development Phase in FY 2011. The Milestone C for Increment 1.0 will be completed in FY 2011. Following the successful acceptance of the Increment 1.0 Initial Operational Test & Evaluation (OT&E) in FY 2011, the system deployment will provide a functional baseline and Initial Operational Capability (IOC) early in the program life cycle. Subsequent to deployment of Increment 1.0, Increment 2.0 will be developed. Milestone B for Increment 2.0 will be completed in FY 2012 and Milestone C for Increment 2.0 will be completed in FY 2012. Increment 2.0 will be deployed in FY 2012/2013. Increment 3.0 development and deployment will occur in FY 2013. Final Full Operational Capability (FOC) scheduled for the end of FY 2013 following completion of a Final Operational Test & Evaluation(FOT&E) to verify that functional capability requirements have been fulfilled and that the system is operationally effective. VIPS will be acquired using a full and open competitive contracting strategy using performance based contracting and will include Earned Value Management (EVM). BTA's VIPS Program Office will employ rigorous cost controls using a comprehensive risk management program to ensure development and deployment of a managed solution that meets USMEPCOM and ACOI requirements and fulfills identified capability gaps.</p> <p>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.</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>				R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>				PROJECT T05: <i>ARMY BUSINESS SYSTEM MODERNIZATION INITIATIVES</i>			
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
T05: <i>ARMY BUSINESS SYSTEM MODERNIZATION INITIATIVES</i>	0.000	8.214	6.849	0.000	6.849	4.102	1.102	1.101	1.097	Continuing	Continuing
Quantity of RDT&E Articles											
<u>A. Mission Description and Budget Item Justification</u>											
<p>Adapt/improve/install/field government of the shelf (GOTS), commercial off the shelf (COTS), and new software to perform various tasks in a networked environment such as data warehousing, force management, personnel, installation and environmental data bases and applications to support Business System Transformation and Installation Management. The Army Human Resources Data Repository (AHDR) will be a consolidated database containing Army HR data from Army persistent systems and the Defense Integrated Human Resource System (DIHMRS). The AHDR can provide translated data to the five (5) DIHMRS Confirmed Capability Gaps (CCG) that are currently known: the Wounded Warrior Accountability System (WWAS), the Chief Army Reserve Decision Support System (CARDSS) Portal, Soldier Management System-WEB (SMS-WEB), Career Acquisition Personnel & Position Management System (CAPPMS), and Pretrained Individual Manpower Stratification Model (PIM). Due to delay in DIMHRS implementation, funds for ADHR will be decertified and the project is placed on hold until further guidance relating to DIMHRS is received. The Wounded Warrior Accountability System (WWAS) is an integrated, technical/business, application solution that uses Enterprise Service Bus (BUS) interfaces and direct data base access to provide users real-time authoritative information. This application provides a single source datum retrieval point using various authoritative data sources for non-clinical case management. The integrated applications and the associated automation infrastructure support injured Soldiers as they process through the Wounded Warrior life cycle management system e.g. medical treatment/rehabilitation, medical evaluation, physical disability evaluation, physical disability compensation determination, and transition and beyond, until the soldier/veteran is no longer qualified for the program. The Army Mapper (AM) is the Army Geospatial data base of record and the HQDA repository for all Installation & Environment (I&E) related geo-spatial data systems. Its capabilities based, fully integrated, geospatially focused framework is supporting installation management, mission assurance, protection of Army critical assets, readiness and mission execution. At full operating capability (FY11), AM will improve installation management capabilities, achieve reductions in Army-wide operating costs for GIS, improve access to information, allow the I&E domain to deliver standardized geospatial capabilities more effectively and efficiently and replace 35 disparate systems. AM is reported to Congress as a component of the DoD Enterprise Transition Plan. The Program Planning Budget (PPB)- Business Operating System (BOS) will standardize and better integrate the transactional automated information systems used in the HQDA level programming and budgeting processes. These systems are core to the PPBE business processes of the HQ for gathering programmatic requirements, balancing resources and delivering the Army's program budget to OSD. This project is streamlining programming and budgeting processes and significantly improving strategic analysis capabilities. The project is architecting, reengineering, streamlining and consolidating HQDA systems, feeder data base systems, and streamlining the associated processes. These improvements will improve capability eliminate redundancies and reduce overall cost of operations. The PPB BOS project is complementary to the Army's GFEBs program. The Headquarters Installation Information System (HQIIS) will support the statutory and regulatory reporting requirements for real property for the Army enterprise.</p>											
<u>B. Accomplishments/Planned Program (\$ in Millions)</u>											

UNCLASSIFIED

R-1 Line Item #119

Page 57 of 59

1809 of 1922

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010				
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>		R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>		PROJECT T05: <i>ARMY BUSINESS SYSTEM MODERNIZATION INITIATIVES</i>				
B. Accomplishments/Planned Program (\$ in Millions)								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<p>Program #1</p> <p>The Army Human Resources Data Repository (AHDR) will automate the extraction and translation of HR data from DIHMRS and other data sources for all persistent Army systems to support G-1 and non-G-1 data analysis. The AHDR will allow the Army to meet quick-response data requirements for the Global War on Terrorism GWOT) as well as meet data needs for emerging Army HR requirements. The WWAS FY11 efforts will fund modernization focused on functionality gaps and integrating the Warrior Transition Unit (WTU) users within the infrastructure. Specific interface development will include Traumatic Serviceman's Group Life Insurance, Physical Disability Case Processing, Combat Injury Pay, Combat Related Special Compensation, Dept of Labor, Defense Enrollment Eligibility Reporting System (DEERS), Medical Operational Data System, Medical Evaluation Board Internal Tracking, DFAS Wounded In Action Cell, and the VA. It will include design and development of gap solutions for post DIHMRS support. The Army Mapper will be enhanced to support real property business practices - asset tracking and real property accountability. It will be enhanced to support reconciliation of environmental liabilities with real property assets, to manage specialized environmental liabilities data, define requirements for and implement specialized workflow process and management support functions, visualization, and reporting. Over the past year, the PPB BOS program has removed duplicative data, functionality, and business process. PPB BOS has also improved data visibility, accuracy, and access through deployment of the Enterprise Army PPBE Data Warehouse. In FY10, PPB BOS will deploy an enterprise-level application to improve operations, reduce workload, expand data visibility, and transfer budget data to GFEBs.</p> <p><i>FY 2009 Accomplishments:</i> FY 2009</p> <p><i>FY 2010 Plans:</i> FY 2010</p> <p><i>FY 2011 Base Plans:</i> FY 2011 Base</p>				0.000	8.214	6.849	0.000	6.849

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Army				DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: <i>Research, Development, Test & Evaluation, Army</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605013A: <i>Information Technology Development</i>	PROJECT T05: <i>ARMY BUSINESS SYSTEM MODERNIZATION INITIATIVES</i>				
B. Accomplishments/Planned Program (\$ in Millions)						
		FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2011 OCO Plans:</i> FY 2011 OCO						
Accomplishments/Planned Programs Subtotals		0.000	8.214	6.849	0.000	6.849
C. Other Program Funding Summary (\$ in Millions)						
N/A						
D. Acquisition Strategy						
Modernize IT legacy systems across Army IT domains by adapting/improving government off the shelf (GOTS), commercial off the shelf (COTS), and new software to perform various tasks in a networked environment. These efforts include the Army Human Resources Data Repository (AHDR), the Wounded Warrior Accountability System (WWAS), the Army Mapper, the Program Planning Budget Execution (PPBE) - Business Operating System (BOS), and the Headquarters Installation Information System.						
E. Performance Metrics						
Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.						

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