Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army											**DATE:** April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*					**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*							
COST ($ in Millions)	**All Prior Years**	**FY 2012**	**FY 2013#**	**FY 2014 Base**	**FY 2014 OCO ##**	**FY 2014 Total**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**Cost To Complete**	**Total Cost**
Total Program Element	-	35.714	51.463	68.814	-	68.814	69.166	63.497	40.558	35.814	Continuing	Continuing
099: *Army Human Resource System*	-	2.288	0.705	0.591	-	0.591	0.749	0.725	0.684	0.684	Continuing	Continuing
184: *Installation Support Modules*	-	0.407	2.096	1.734	-	1.734	2.251	2.210	2.054	2.091	Continuing	Continuing
193: *Medical Communications For Combat Casualty*	-	6.366	4.285	3.636	-	3.636	4.648	4.697	4.557	1.172	Continuing	Continuing
474: *ENTERPRISE TRANSMISSION SYSTEMS*	-	4.546	2.506	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
738: *AcqBiz*	-	9.254	14.837	12.368	-	12.368	7.463	6.630	8.003	7.070	Continuing	ActqBuiz
M05: *Enterprise Army Workload & Performance Sys*	-	0.000	0.817	0.701	-	0.701	0.850	0.795	0.759	0.773	Continuing	Continuing
T04: *USMEPCOM TRANSFORMTION - IT MODERNIZATION*	-	0.643	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
T05: *Army Business System Modernization Initiatives*	-	12.210	26.217	49.784	-	49.784	53.205	48.440	24.501	24.024	Continuing	Continuing

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012
The FY 2014 OCO Request will be submitted at a later date

Note

Increase supports Army Contract Writing and Management System (ACWMS), the Army's strategy for a single enterprise-wide contract writing and management solution that will meet the Army current critical functional contract writing requirements and can expand to meet future functional needs. The Army goal is to streamline Acquisition, Technology and Logistics (AT&L) end-to-end business processes; reduce operating, maintenance and support costs; decrease, and where applicable, mitigate the number of existing and future interfaces; support financial auditability; and promote and improve efficiencies when integrating with existing Enterprise Resource Planning (ERPs) solutions. This is consistent with Undersecretary of Defense, Acquisition, Technology and Logistics Memorandum; Department of Defense (DoD) Functional Contract Writing and Administration, 21 October 2011 which directed that no new contracts were to be input into the DoD legacy Standard Procurement System (SPS) after 30 September 2015 and that all use of SPS would cease on 30 September 2017. Funds are to perform all requisite activities to concurrently develop pre-Milestone A/B documentation and perform pre-solicitation/source selection activities expected of a projected ACAT IAM program in order to meet the USD AT&L timelines.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Army	DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*

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)	**FY 2012**	**FY 2013**	**FY 2014 Base**	**FY 2014 OCO**	**FY 2014 Total**
Previous President's Budget	32.065	51.463	48.172	-	48.172
Current President's Budget	35.714	51.463	68.814	-	68.814
Total Adjustments	3.649	0.000	20.642	-	20.642
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	3.669	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	-	-	20.642	-	20.642

PE 0605013A: *Information Technology Development*
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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army											DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*				R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*					PROJECT 099: *Army Human Resource System*			
COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
099: *Army Human Resource System*	-	2.288	0.705	0.591	-	0.591	0.749	0.725	0.684	0.684	Continuing	Continuing
Quantity of RDT&E Articles												

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

Army Human Resource System (AHRS) is the Army's system of systems that provides commanders the necessary personnel information to make informed decisions on mobilized military personnel resources (both Active Duty and Reserve Component). The implementation of AHRS requires the development of an authoritative Army Corporate database to support the eventual migration to Integrated Personnel and Payroll System-Army (IPPS-A). However, major elements of AHRS are not planned to be subsumed into IPPS-A. AHRS consists of three major components:

- Electronic Military Personnel Office (eMILPO) provides the U.S. Army with a reliable, timely, and efficient mechanism for performing Army personnel actions and managing strength accountability. The application provides visibility of the location, status, and skills of Soldiers both from a high level (tope of the system) and a unit level (bottom of the system). eMILPO 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) application, for migration to IPPS-A. Selected elements of eMILPO will need to be operated in parallel with IPPS-A until/unless IPPS-A is able to absorb all eMILPO functionality.

- Deployed Theater Accountability System (DTAS) is a personnel accountability system that enables the Combatant Commanders (COCOM) to meet Title 10 personnel accountability responsibilities. DTAS is residing on the Secret Internet Router Network (SIPRnet) and accounts for military and civilian personnel in a deployed theater by unit, day and location supporting force tracking and deployed Operations Tempo (OPTEMP) tracking. DTAS is a persistent system and will continue to exist Integrated Personnel and Pay System - Army (IPPS-A) migration.

- The Tactical Personnel System (TPS) is a stand-alone system that supports personnel accountability for task organization/manifests and jump manifests used by tactical units. The system interfaces with DTAS, allowing Soldiers to be loaded into DTAS in mass upon arrival in theater. TPS will continue to exist Integrated Personnel and Pay System - Army (IPPS-A) migration.

-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 DIMHRS. The ESB will be 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 IPPS-A, the Army Legacy Systems, and external systems to create more streamlined systems in support of the military mission and personnel transformation goals.

FY14 funding procures GoArmy Ed. GoArmy Ed is an Army continuing Education System (ACES) program that provides the virtual gateway to request Tuition Assistance (TA) online, anytime for classroom, distance learning, and online college courses. GoArmy Ed is a dynamic online portal that automates many of the

Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 099: *Army Human Resource System*

paper-based processes historically conducted in-person at Army Education Centers. GoArmyEd includes automated registration tools that enforce TA policies and procedures. GoArmyED is used by Soldiers to pursue their post secondary educational goals: Army Education Counselors to provide educational guidance; and Colleges to deliver degree and course offerings and to report Soldier progress.

Modernization initiatives address GoArmyEd functionality gaps by automating and improving business process functions to mitigate the integration of additional users and business rules from the Reserve Component. GoArmyEd is the Army's enterprise education solution. The integration of the Reserve Component exceeds the current capability of education counselors. Education benefits are paramount to recruiting and retention of quality Soldiers and Families.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	**FY 2012**	**FY 2013**	**FY 2014**
Title: AHRS	2.288	0.705	0.591
Articles:	0	0	
Description: Funding will support Post Deployment Software Support (PDSS) *FY 2012 Accomplishments:* Engineering Change Packages (ECPs)/System Change Packages (SCPs) Interim Change Packages (ICPs) in support of eMILPO and DTAS GoArmy Ed automated manual course enrollments and created a feature that allows for annual review vs. individual course enrollments. *FY 2013 Plans:* GoArmy Ed will add functionality, continue automation of manual business processes, integration of DA Civilians and a new Data Warehouse. *FY 2014 Plans:* GoArmy Ed will add functionality, continue automation of manual business processes, integration of DA Civilians and a new Data Warehouse.			
Accomplishments/Planned Programs Subtotals	2.288	0.705	0.591

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• STACOMP: *STACOMP*	83.765	110.158	115.736		115.736	154.492	141.811	132.431	96.344	Continuing	Continuing
• AHRS - ACES: *AHRS - Army Continuing Education Systems*	12.185									0.000	12.185

Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 099: *Army Human Resource System*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost

Remarks

D. Acquisition Strategy

GoArmy Ed - 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. GoArmy Ed contractual efforts are acquired on a firm fixed price basis on existing contractual vehicles.

E. Performance Metrics

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2014 Army			**DATE:** April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*		**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 099: *Army Human Resource System*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
AHRS - ECPs/SCPs/ICPs	C/FFP	Hewlit Packard:various	88.051	1.200			-		-		-		-	Continuing	Continuing	Continuing
AHRS - Software Development	C/FFP	Hewlit Packard:various	50.635	1.088			-		-		-		-	Continuing	Continuing	Continuing
Go Army ED	C/FFP	IBM:Various	0.000	-		0.705	Jan 2013	0.591	Jan 2015	-		0.591	Continuing	Continuing	0.000
Subtotal			138.686	2.288		0.705		0.591		0.000		0.591			

	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	138.686	2.288		0.705		0.591		0.000		0.591			

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 099: *Army Human Resource System*

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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
Go Army Ed Support/Enhancements																												

Exhibit R-4A, **RDT&E Schedule Details:** PB 2014 Army	**DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 099: *Army Human Resource System*

Schedule Details

Events	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
Go Army Ed Support/Enhancements	1	2013	4	2017

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army											DATE: April 2013	

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*				R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*					PROJECT 184: *Installation Support Modules*			

COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
184: *Installation Support Modules*	-	0.407	2.096	1.734	-	1.734	2.251	2.210	2.054	2.091	Continuing	Continuing
Quantity of RDT&E Articles												

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

INSTALLATION SUPPORT MODULES (ISM) consists of four standardized, web based, custom-developed enterprise wide applications that integrate essential installation business practices and processes throughout the Army, to meet Army Force Generation (ARFORGEN) Brigade Combat Team readiness and deployment requirements. Three modules support human resources business functions (In/Out-Processing, Transition Processing, and Personnel Locator); the fourth module, Central Issue Facility (CIF) supports management of over $9.000 million combatant Organizational Clothing and Individual Equipment inventory. The web server architecture is fully internet protocol capable and allows soldiers ready access to their records and commanders and logisticians access to information affecting readiness of combat organizations.

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.

ISM Core funding is essential for supporting demands to research and develop improved systems to provide for soldier safety and inventory reduction without risking readiness. Supports research and development to comply with Dept of Defense Instruction 8320.4 Serialized Item Management. Applications to use commercial off the shelf wireless bar code equipment to ensure inventory accuracy throughout 154 warehouses in worldwide locations potentially reduces operating costs by $500.000 million.

Funding for CWID will continue to facilitate Coalition Force interoperability research and development. Funding for ABHIDE will continue development of the system.

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 184: *Installation Support Modules*		

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Title: Independent Verification and Validation (IV&V) Testing **Articles:**	0.063 0	0.064 0	0.067
Description: Independent Verification and Validation (IV&V) Testing *FY 2012 Accomplishments:* Required Independent Verification and Validation (IV&V) Testing *FY 2013 Plans:* Required Independent Verification and Validation (IV&V) Testing. *FY 2014 Plans:* Required Independent Verification and Validation (IV&V) Testing.			
Title: Post-Deployment Software Support (PDSS) - Engineering Change Packages (ECPs)/System Change Packages (SCPs) **Articles:**	0.095 0	0.321 0	0.313
Description: Post-Deployment Software Support (PDSS) - Engineering Change Packages (ECPs)/System Change Packages (SCPs): Develop or enhance software to meet the requirements of the soldier and installation. *FY 2012 Accomplishments:* Planned: Continue with COTs extension of bar coding to meet DoD requirements for Individual Unit Identification (IUID) and tracking of OCIE in the CIF module to insure soldiers get the right equipment they need to execute their assigned mission as they progress through ARFORGEN cycles. IUID ensures the best stocks are issued to achieve an equipping balance based on CSA guidance to build enduring readiness while providing the soldier with the safest equipment possible. Specifically will expand Automated Identification Technology to the CIF application to comply with DoD IUID policy; continue to add self service functions to the CIF through Army Knowledge on Line; improve compliance with personal privacy safeguards to mask social security numbers and other personal information; add OCIE logistical data from National Guard systems and create a common data base to reduce duplicate ordering and increase utilization of existing stocks; improves asset visibility; and add automation of soldier test scoring when taking the Armed Forces Classification Test. *FY 2013 Plans:* Planned: apply commercial off the shelf e-Signature software to existing applications to reduce soldier wait time for processing signatures from 30 minutes per transaction to under one minute. Funds are also intended to upgrade core systems hardware to improve overall efficiency. Current equipment was installed in 2002 and is inadequate for forcasted workloads. *FY 2014 Plans:*			

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT 184: *Installation Support Modules*	

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Planned: testing of commercial off the shelf software for best fit to improve the use of wireless bar code equipment in Central Issue Facility warehouses. Current total inventory is over $9,000.000 million; estimated savings by reducing the possibility of excess purchases is $500.000 million.			
Title: Coalition Warfighter Interoperability Demonstration (CWID) ***Articles:*** *Description:* Coalition Warfighter Interoperability Demonstration (CWID) *FY 2012 Accomplishments:* 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.	0.091 0	0.000	0.000
Title: Army Behavioral Health Integrated Data Environment ***Articles:*** *Description:* Army Behavioral Health Integrated Data Environment (ABHIDE) will be the U.S. Army Center for Health Promotion and Preventive Medicine (CHPPM) Suicide Registry. *FY 2012 Accomplishments:* 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. *FY 2013 Plans:* 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	0.158 0	1.711 0	1.354

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT 184: *Installation Support Modules*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
trends in behavior patterns and identify potential indicators for suicidal tendencies supporting the mitigation of future suicide attempts across all phases of Army service. *FY 2014 Plans:* 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.			
Accomplishments/Planned Programs Subtotals	0.407	2.096	1.734

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• BE4162: *MACOM AUTOMATION SYSTEMS*	59.645	30.836	63.331		63.331	63.597	55.643	55.009	55.631	Continuing	Continuing

Remarks

D. Acquisition Strategy

Installation Support Modules 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.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army		**DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 184: *Installation Support Modules*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Army Behavioral Health Integrated Data Environment	Various	TBD:TBD	1.588	0.158		1.711		1.354		-		1.354	Continuing	Continuing	0.000
Post-Deployment Solfware Support (PDSS)	C/TBD	various:various	5.146	0.095		0.321		0.313		-		0.313	Continuing	Continuing	Continuing
Coalition Warfighter Interoperability Demonstration (CWID)	C/TBD	various:various	0.000	0.091		-		-		-		-	0.000	0.091	0.000
Subtotal			6.734	0.344		2.032		1.667		0.000		1.667			

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Independent Verification and Validation (IVV) Testing	C/T&M	GDIT Corp:various	1.984	0.063	Feb 2012	0.064		0.067		-		0.067	Continuing	Continuing	Continuing
Subtotal			1.984	0.063		0.064		0.067		0.000		0.067			

			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			8.718	0.407		2.096		1.734		0.000		1.734			

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army										DATE: April 2013	

APPROPRIATION/BUDGET ACTIVITY
2040: *Research, Development, Test & Evaluation, Army*
BA 5: *System Development & Demonstration (SDD)*

R-1 ITEM NOMENCLATURE
PE 0605013A: *Information Technology Development*

PROJECT
193: *Medical Communications For Combat Casualty*

COST ($ in Millions)	All Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO [##]	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
193: *Medical Communications For Combat Casualty*	-	6.366	4.285	3.636	-	3.636	4.648	4.697	4.557	1.172	Continuing	Continuing
Quantity of RDT&E Articles												

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

[##] The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

The Medical Communications for Combat Casualty Care (MC4) System provides multipliers to the medical force structure through the acquisition of information technology solutions for the deployable medical forces. The MC4 System fulfills 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 interfaces Force Health Protection and medical surveillance information with Army Mission Command information technology systems. The MC4 System supports other soldier protection initiatives by providing data for analyses which can be used for identification and development of 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, integration, and fielding automation infrastructure for Army users of the Theater Medical Information Program-Joint (TMIP-J) suite of software. Effort has also been initiated to integrate MC4 with the Army CIO Network 2020 and Common Operating Environment (COE) and as a program of record in the Mobile/Handheld Computing Environment Working Group. Funding provides engineering, developmental testing, and integration of information management/information technology to support Force Health Protection in accordance with the Army Equipment Modernization Plan.

FY 2014 Base 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, and other Army unique software capabilities
--All other testing to include operational, security, acceptance of TMIP and other software products
--Integration testing of all DHIMS/TMIP, any follow-on tactical electronic medical record, and other software systems on the MC4 baseline electronic medical record system
--Research of technologies to integrate software into Army future information infrastructure, such as exploration of virtualization for MC4
--Evaluation of hardware 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. telehealth
--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. Nett Warrior and FBCB2

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Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 193: *Medical Communications For Combat Casualty*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	**FY 2012**	**FY 2013**	**FY 2014**
Title: Engineering and Technical Support **Articles:**	1.561 0	0.716 0	0.601
Description: Engineering and Technical Support for P3I and System Upgrades, Systems Integration, and Software Support. **FY 2012 Accomplishments:** Engineering and Technical Support for Planned Upgrades and System Updates, Systems Integration, and Software Support. **FY 2013 Plans:** Engineering and Technical Support for Planned Upgrades and System Updates, Systems Integration, and Software Support. Evaluation of virtualization and telehealth solutions to support Army current and future information infrastructure. **FY 2014 Plans:** Engineering and Technical Support for Planned Upgrades and System Updates, Systems Integration, and Software Support. Continued evaluation and development of virtualization, interface/integration with Common Operating Environment, and telehealth solutions to support Army current and future information infrastructure.			
Title: MC4 Information Assurance (IA) Testing **Articles:**	0.502 0	0.523 0	0.532
Description: Ensures IA compliance through Army security testing and submission, accreditation, IAVA patches and interfaces with other systems. **FY 2012 Accomplishments:** Ensured IA compliance through Army security testing and submission, accreditation, IAVA patches and interfaces with other systems. Researched Data At Rest solutions for MC4 systems. **FY 2013 Plans:** Ensures IA compliance through Army security testing and submission, accreditation, IAVA patches and interfaces with other systems. Evaluation of fielded systems for compliance with configuration baseline as approved. Implement Data At Rest on MC4 systems to ensure system receives Authority to Operate. Conduct security testing in planned upgrade of MC4 system. **FY 2014 Plans:** Ensures continuing IA compliance through Army security testing and submission, accreditation, IAVA patches and interfaces with other systems. Conduct security testing in next planned upgrade of MC4 system.			
Title: PMO Testing Support **Articles:**	0.831 0	0.542 0	0.551

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Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 193: *Medical Communications For Combat Casualty*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Description: Test augmentation to include DHIMS/TMIP-J and other Army unique software capabilities by outside agencies. *FY 2012 Accomplishments:* Test augmentation to include DHIMS/TMIP-J and other Army unique software capabilities by outside agencies. Security testing of MC4 system by Information Security Evaluation Command to renew Authority to Operate. Joint Interoperability Test Command provided test support to MC4 systems with interface to other systems. *FY 2013 Plans:* Test augmentation to include DHIMS/TMIP-J and other Army unique software capabilities by outside agencies. Planned upgrade will require Army Medical Department Board (testing), Army Test and Evaluation Command and Joint Interoperability Test Command to provide Operational Assessment and Multi-services Operational Test and Evaluation. *FY 2014 Plans:* Test augmentation to include DHIMS/TMIP-J and other Army unique software capabilities by outside agencies. Testing will include next planned upgrades.			
Title: MC4/TMIP Integration and Testing	3.472	2.504	1.952
Articles:	0	0	
Description: Development testing of DHIMS/TMIP-J Increment 2 (all releases); Lab site studies with technology and scenarios; Integration testing of software systems on the MC4 baseline system; test and evaluation of new capabilities for combat theater functionality. *FY 2012 Accomplishments:* Supported development testing of DHIMS/TMIP-J Increment 2 Release 2; conducted lab site studies with technology and scenarios; performed integration testing of MC4 system update; tested and evaluated new capabilities for combat theater functionality. *FY 2013 Plans:* Integrate and test DHIMS/TMIP-J Increment 2 Release 2 on the MC4 baseline system; Lab site studies with technology and scenarios; test and evaluation of new capabilities for combat theater functionality to include virtualization and telehealth. Support development testing of DHIMS/TMIP-J Increment 2 Release 3. *FY 2014 Plans:* Integrate and test DHIMS/TMIP-J Increment 2 Release 3 on the MC4 baseline system; Lab site studies with technology and scenarios; test and evaluation of new capabilities for combat theater functionality.			
Accomplishments/Planned Programs Subtotals	6.366	4.285	3.636

Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 193: *Medical Communications For Combat Casualty*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• OPA SSN MA8046: *OPA*	32.675	22.899	22.867		22.867	23.734	24.123	24.540	12.527	Continuing	Continuing
• OMA PE 432612: *OMA*	8.945	2.406	8.500		8.500	7.436	3.495	3.554	3.550	Continuing	Continuing

Remarks

D. Acquisition Strategy

The MC4 Program supports a number of Army Medical Information Technology/Communications initiatives. The near and mid-term focus of the MC4 program is to engineer, design, integrate, test, acquire and field the Army automation infrastructure capabilities supporting fielding of the Theater Medical Information Program-Joint (TMIP-J) 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 updates and Planned Upgrades. 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 updates and Planned Upgrades. 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 updates and Planned Upgrades will continue to undergo follow-on testing.

E. Performance Metrics

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army												DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*							R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*					PROJECT 193: *Medical Communications For Combat Casualty*		

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Prog Mgmt Operations	Various	PMO:various	8.405	-		-		-		-		-	Continuing	Continuing	Continuing
		Subtotal	8.405	0.000		0.000		0.000		0.000		0.000			

Remarks

Funding (Prior Years) in Program Management Operations includes direct pay of PMO government employees, TDY, training, supplies, etc. in direct support of RDTE effort.
At Milestone C, Program Management Operations efforts were moved to another appropriation.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Engineering & Tech Spt/ Information Assurance (b)	Various	L3 (was Titan):various	6.088	2.063	Aug 2012	1.239	Jun 2013	-		-		-	Continuing	Continuing	Continuing
Engineering & Tech Spt/ Information Assurance (new contract)	Various	TBD:TBD	0.000	-		-		1.133	Mar 2014	-		1.133	Continuing	Continuing	0.000
Information Assurance	Various	ISEC Support:AZ	1.783	-		-		-		-		-	Continuing	Continuing	Continuing
		Subtotal	7.871	2.063		1.239		1.133		0.000		1.133			

Remarks

Information Assurance activities moved from ISEC to L3 in FY12; FY14 new competitive contract award planned

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
PMO Testing Spt	MIPR	ATEC/AMEDD Board/JTIC:various	5.212	0.831	Dec 2011	0.542		0.551		-		0.551	Continuing	Continuing	Continuing
MC4/TMIP System Engineering	C/T&M	L3 Communications:Frederick MD	2.238	3.472	Aug 2012	2.504	Jun 2013	-		-		-	Continuing	Continuing	0.000

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army														DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*									R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*					PROJECT 193: *Medical Communications For Combat Casualty*		

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
MC4/TMIP System Engineering	Various	John Hopkins University (JHU) Applied Physics Lab:MD	32.124	-		-		-		-		-	Continuing	Continuing	Continuing
MC4/TMIP System Engineering (new contract)	Various	TBD:TBD	0.000	-		-		1.952	Mar 2014	-		1.952	Continuing	Continuing	0.000
		Subtotal	39.574	4.303		3.046		2.503		0.000		2.503			

Remarks
   FY14 new competitive contract award planned.

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	55.850	6.366	4.285	3.636	0.000	3.636			

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT 193: *Medical Communications For Combat Casualty*

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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
MC4 Development/Integration Testing for TMIP-J I2R2																												
MC4/TMIP-J I2R2 MOT&E																												
MC4/TMIP-J I2R2 FD Decision																												
MC4 Development/IntegrationTesting for TMIP-J I2R3																												
MC4/TMIIP-J I2R3 MOT&E																												
MC4/TMIP-J I2R3 FD Decision																												

Exhibit R-4A, **RDT&E Schedule Details:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 193: *Medical Communications For Combat Casualty*

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
MC4 Development/Integration Testing for TMIP-J I2R2	2	2012	3	2013
MC4/TMIP-J I2R2 MOT&E	3	2013	1	2014
MC4/TMIP-J I2R2 FD Decision	1	2014	1	2014
MC4 Development/IntegrationTesting for TMIP-J I2R3	2	2014	2	2015
MC4/TMIIP-J I2R3 MOT&E	2	2015	4	2015
MC4/TMIP-J I2R3 FD Decision	1	2016	1	2016

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army											DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*					**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*					**PROJECT** 474: *ENTERPRISE TRANSMISSION SYSTEMS*		
COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
474: *ENTERPRISE TRANSMISSION SYSTEMS*	-	4.546	2.506	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles												

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

Combat Service Support (CSS) Automated Information System Interface (CAISI) is a high-data-rate wireless system that provides sensitive 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 Army Logistics Information Systems (LIS) 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.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Title: CAISI system testing, evaluation, and IAVM efforts	4.546	2.506	0.000
Articles:	0	0	
Description: Funding is provided for the following effort: *FY 2012 Accomplishments:* Test, evaluate, and support Information Assurance Vulnerability Management (IAVM) compliance and technical support requirements. *FY 2013 Plans:* Continue to conduct tests, evaluations, and support Information Assurance Vulnerability Management (IAVM) compliance and technical requirements.			
Accomplishments/Planned Programs Subtotals	4.546	2.506	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT 474: *ENTERPRISE TRANSMISSION SYSTEMS*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• OPA, BD3512: *CAISI*	16.376	10.500								0.000	26.876
• OMA, 423612: *OMA, 423612*	3.424	5.620								0.000	9.044

Remarks

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 CAISI 2.0.

E. Performance Metrics

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army												DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*							**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*					**PROJECT** 474: *ENTERPRISE TRANSMISSION SYSTEMS*		

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Research, modification/ integration and testing of CAISI 2.0.	MIPR	ISEC:Technical/ Integration Support	25.401	1.910	Dec 2011	0.800		-		-		-	Continuing	Continuing	Continuing
Subtotal			25.401	1.910		0.800		0.000		0.000		0.000			

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Program Office Support	SS/FP	Springfield, VA:SETA Contractor Support	0.000	1.641	Dec 2011	0.906		-		-		-	1.814	4.361	0.000
Subtotal			0.000	1.641		0.906		0.000		0.000		0.000	1.814	4.361	0.000

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Research, modification/ integration and testing of CAISI 2.0.	MIPR	ISEC:Technical/ Integration Support	25.620	0.995	Dec 2011	0.800		-		-		-	Continuing	Continuing	Continuing
Subtotal			25.620	0.995		0.800		0.000		0.000		0.000			

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	51.021	4.546	2.506	0.000	0.000	0.000			

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT 474: *ENTERPRISE TRANSMISSION SYSTEMS*

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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
CAISI Software Licenses Integration and Testing																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT 474: *ENTERPRISE TRANSMISSION SYSTEMS*

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
CAISI Software Licenses Integration and Testing	3	2012	4	2013

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army										DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*					R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*					PROJECT 738: *AcqBiz*	

COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
738: *AcqBiz*	-	9.254	14.837	12.368	-	12.368	7.463	6.630	8.003	7.070	Continuing	Continuing
Quantity of RDT&E Articles												

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

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. PM AcqBusiness consists 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 provides access to external enterprise tools and services from other business domains, Army, OSD and DISA and does 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 provides Army Acquisition practitioners with a consistent set of unique business tools, web services, and decision support tools which provides 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 enables the reduction and eventual elimination of stovepipe and redundant tools that exist in the domain today. PM AcqBusiness provides 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 provides a framework for information providers to publish their data and provide their services to authorized users.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Title: Design, Development, and Test	8.140	12.760	10.636
Articles:	0	0	
Description: This effort supports the ultimate integration of the AcqBusiness Portfolio *FY 2012 Accomplishments:* Analysis and Design, Development, Test and Integration of AcqBusiness Portfolio. *FY 2013 Plans:* Analysis and Design, Development, Test and Integration of AcqBusiness Portfolio. *FY 2014 Plans:* Analysis and Design, Development, Test and Integration of AcqBusiness Portfolio.			
Title: Program Management	1.114	2.077	1.732
Articles:	0	0	

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 738: *AcqBiz*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Description: This effort provides program management in support of the AcqBusiness Portfolio. *FY 2012 Accomplishments:* Program Management *FY 2013 Plans:* Program Management *FY 2014 Plans:* Program Management			
Accomplishments/Planned Programs Subtotals	9.254	14.837	12.368

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• OMA: *OMA APE*	11.238	11.871	12.062		12.062	12.281	13.036	12.112		Continuing	Continuing

Remarks

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 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 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. 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

Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 738: *AcqBiz*

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.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army			**DATE:** April 2013

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

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	Various	Government:various	7.989	1.114		2.077		1.732		-		1.732	Continuing	Continuing	Continuing
		Subtotal	7.989	1.114		2.077		1.732		0.000		1.732			

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Analysis and Design, Development, Integration	Various	Booz, Allen and Hamilton:Springfield	41.523	8.140		12.760		10.636		-		10.636	Continuing	Continuing	Continuing
		Subtotal	41.523	8.140		12.760		10.636		0.000		10.636			

	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	49.512	9.254		14.837		12.368		0.000		12.368			

Remarks

PE 0605013A: *Information Technology Development*

Exhibit R-4, **RDT&E Schedule Profile:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** 738: *AcqBiz*

	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	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 Six IOC			■																									
Increment Seven IOC						■																						
Major or Minor Release FY13								■																				
Major or Minor Release FY14												■																
Major or Minor Release FY15																■												
Major or Minor Release FY16																				■								
Major or Minor Release FY17																								■				
Major or Minor Release FY18																												■

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT 738: *AcqBiz*

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Increment Six IOC	3	2012	3	2012
Increment Seven IOC	1	2013	1	2013
Major or Minor Release FY13	4	2013	4	2013
Major or Minor Release FY14	4	2014	4	2014
Major or Minor Release FY15	4	2015	4	2015
Major or Minor Release FY16	4	2016	4	2016
Major or Minor Release FY17	4	2017	4	2017
Major or Minor Release FY18	4	2018	4	2018

Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Army										**DATE:** April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*				**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*				**PROJECT** M05: *Enterprise Army Workload & Performance Sys*			

COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
M05: *Enterprise Army Workload & Performance Sys*	-	0.000	0.817	0.701	-	0.701	0.850	0.795	0.759	0.773	Continuing	Continuing
Quantity of RDT&E Articles												

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

The General Fund Business Enterprise System (GFEBS) is a Major Automated Information System (MAIS) program and completing the developmental phase. It will follow the DoD Business Enterprise Architecture which is aligned to the mandated Federal Enterprise Architecture. GFEBS was implemented to fulfill the needs and comply with the Federal Financial Management Improvement Act (FFMIA), The Chief Financial Officers Act of 1990, the Government Performance and Results Act of 1993, the Government Management Reform Act of 1994, and the Clinger-Cohen Act of 1996 and to fulfill the stated mission of the Assistant Secretary of the Army for Financial Management and Comptroller (ASA(FM&C)). GFEBS will replace financial systems operating in excess of 30 years including the Standard Finance Systems (STANFINS) and other costly feeder systems which do not allow the Department of Defense (DoD) or the U.S. government to achieve an unqualified opinion on its financial statements. GFEBS will become the Department of the Army's new core financial management system for administering its General Fund. GFEBS was developed using a commercial off-the-shelf (COTS) Enterprise Resource Planning (ERP) system that is certified by the Chief, Financial Officer Council (CFOC) and provides the six core financial functions. GFEBS will allow tactical commanders to make informed decisions on a virtually real time system.

On 1 October 2008, GFEBS deployed to Wave 1 end users at Fort Jackson Garrison, Defense Finance Accounting Service (DFAS) Indianapolis, Indiana and several other organizations. On 1 April 2009, GFEBS deployed to Wave 2 users at Fort Benning, Fort Stewart, DFAS Rome and several other organizations. Wave 3 deployed in October FY10, Wave 4 in January of FY11, Wave 5 in April 2011 and Wave 6 in July 2011. GFEBS is currently fielded to approximately 38,000 trained end users and the last development software release, Release 1.4.4, was fielded to all users in December 2011. Each fielded release subsumes the previous release keeping all deployed sites executing under the same GFEBS release. The Full Deployment Decision was received by the Milestone Decision Authority on 24 June 2011. In FY12 GFEBS deployed the remaining waves, 7-8, which encompass the remainder of the Active Army, Army Reserves, Army National Guard and select defense agencies. The Information Technology Development Project M05 provides GFEBS the ability to develop and build reports to meet auditability mandates and to accomplish efforts which enhance the GFEBS system with new reports and interfaces requiring technology development. It provides RDT&E funding to support evolutionary delivery of emerging capabilities. Although the GFEBS baseline increment has received a full deployment decision, with the increase in users, new requirements emerge which were not necessarily included in the original scope but may provide a significant enhancement to the system, improve processes or may optimize a sub-element.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)

	FY 2012	FY 2013	FY 2014
Title: System Development	0.000	0.817	0.701
Articles:		0	

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army				DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)			R-1 ITEM NOMENCLATURE PE 0605013A: Information Technology Development		PROJECT M05: Enterprise Army Workload & Performance Sys	

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Description: Software and architecture development **FY 2013 Plans:** Product development			
FY 2014 Plans: Software and architecture development			
Accomplishments/Planned Programs Subtotals	0.000	0.817	0.701

C. Other Program Funding Summary ($ in Millions)
  N/A
Remarks

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.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army		**DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT M05: *Enterprise Army Workload & Performance Sys*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
System Development	TBD	Solfware and architecture development:TBD	0.000	-		-		0.701		-		0.701	0.000	0.701	0.000
		Subtotal	0.000	0.000		0.000		0.701		0.000		0.701	0.000	0.701	0.000

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
TBD	Various	TBD:TBD	0.000	-		0.817		-		-		-	Continuing	Continuing	Continuing
		Subtotal	0.000	0.000		0.817		0.000		0.000		0.000			

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	0.000	0.817	0.701	0.000	0.701			

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army										DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 5: System Development & Demonstration (SDD)				R-1 ITEM NOMENCLATURE PE 0605013A: Information Technology Development				PROJECT T04: USMEPCOM TRANSFORMTION - IT MODERNIZATION			
COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
T04: USMEPCOM TRANSFORMTION - IT MODERNIZATION	-	0.643	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles												

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

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.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Title: Project Support	0.643	0.000	0.000
Articles:	0		
Description: Funding will support the following effort			
FY 2012 Accomplishments: The Virtual Interactive Processing System (VIPS) will modernize and automate the Information Technology (IT) capabilities			
Accomplishments/Planned Programs Subtotals	0.643	0.000	0.000

Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** T04: *USMEPCOM TRANSFORMTION - IT MODERNIZATION*

C. Other Program Funding Summary ($ in Millions)

  N/A

Remarks

  Funding for Procurement, Operations, Maintenance, and most of Research Development Test and Evaluation for VIPS moved in FY10-13 to DoD Business Transformation Agency.

D. Acquisition Strategy

  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.

E. Performance Metrics

  Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army													**DATE:** April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*							**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*						**PROJECT** T04: *USMEPCOM TRANSFORMTION - IT MODERNIZATION*		

Management Services ($ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor PM Support	Various	TBD:TBD	2.400	-		-		-		-		-	Continuing	Continuing	2.400
		Subtotal	2.400	0.000		0.000		0.000		0.000		0.000			2.400

Remarks
Funding for Management Services for VIPS moved in FY10-13 to DoD Business Transformation Agency.

Product Development ($ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Research and Prototype	Various	Gartner, Virginia:TBD	0.145	-		-		-		-		-	0.000	0.000	0.145
Research and Prototype	Various	CNI, Illinois:TBD	0.699	-		-		-		-		-	Continuing	Continuing	0.699
Small Business Innovative Rearch /Small Busiiness Technology Transfer Program	Various	TBD:TBD	0.443	-		-		-		-		-	Continuing	Continuing	0.443
		Subtotal	1.287	0.000		0.000		0.000		0.000		0.000			1.287

Remarks
Continued development FY13 and out moved to DoD BTA; funds not shown here.

Support ($ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Transformation Support	Various	TBD:TBD	2.322	0.643		-		-		-		-	Continuing	Continuing	1.350
Program Transformation Support	Various	Bearing Point, Illinois:TBD	0.560	-		-		-		-		-	Continuing	Continuing	0.560
		Subtotal	2.882	0.643		0.000		0.000		0.000		0.000			1.910

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army													**DATE:** April 2013		
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*							**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*					**PROJECT** T04: *USMEPCOM TRANSFORMTION - IT MODERNIZATION*			

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			

Remarks
  This RDT&E will be used by USMEPCOM for continued project transformation support of VIPS.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Test and Evaluation	Various	JTIC, MD:TBD	0.163	-		-		-		-		-	0.000	0.000	0.163
Subtotal			0.163	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.163

Remarks
  Funding for Test and Evaluation for VIPS moved in FY10-13 to DoD Business Transformation Agency.

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	6.732	0.643	0.000	0.000	0.000	0.000			5.760

Remarks

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army											DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*				R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*					PROJECT T05: *Army Business System Modernization Initiatives*			
COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
T05: *Army Business System Modernization Initiatives*	-	12.210	26.217	49.784	-	49.784	53.205	48.440	24.501	24.024	Continuing	Continuing
Quantity of RDT&E Articles												

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

Adapt/improve/install/field government off 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 databases and applications to support Business System Transformation and Installation Management.

The Army Human Resources Command (HRC) has two efforts for which RDT&E will be applied. One is to prepare those systems for subsumption be the Integrated Personnel and Pay System(IPPS-A). The other is to disconnect and upgrade those systems not being subsumed by IPPS-A. Many systems have delayed upgrade do to the planned release of DIMHRS. Systems that will be targeted by HRC to prepare for IPPS-A subsumption or upgrade are the Automated Orders and resources System (AORS), Army Selection Board System (ASBS), Data Base Administration Suite of System (DBA), Enlisted Distribution and Assignment system (EDAS), Enlisted Promotion Model (EPM), Enterprise Service Bus (ESB), Human Resource Command User Registration System (HURS), Integrated Total Army Personnel Database (ITAPDB), Officer Selection Support System (OSSS), Reserve Statistics Accounting System/Reserve Component Common Personnel Data System (RSAS/RCCPDS), Senior Enlisted Promotions Model (SEPM), Single Evaluation Processing System (SEPS), Soldier Management System Webified Suite of System (SMSWEB), Total Army Personnel Data Base - Active Enlisted (TAPDB-AE), Total Army Personnel Data Base - Active Officer (TAPDB-AO), Total Army Personnel Data Base - Active Reserve (TAPDB-AR), Total Officer Personnel Management Information System (TOPMIS), Total Officer Personnel Management Information System II (TOPMIS II), Keystone Request/Retain System, and the Interactive Personnel Electronic Records Management System (iPERMS).

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 General Fund Enterprise Business System (GFEBS) program. It includes a new effort in FY14, the Army Contract Writing System, a replacement for the DoD Standard Procurement System (SPS).

Army Contract Writing System is the Army's strategy for a single enterprise-wide contract writing and management solution that will meet the Army's current critical functional contract writing requirements and expand to meet future functional needs. The Army's goal is to streamline Acquisition, Technology and Logistics (AT&L)

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT T05: *Army Business System Modernization Initiatives*

end-to-end business processes; reduce operating, maintenance and support costs; decrease, and where applicable, mitigate the number and complexity of existing and future interfaces; support financial auditability; as well as promote and improve efficiencies when integrating with existing Enterprise Resource Planning (ERP) solutions. This is consistent with Under Secretary of Defense, Acquisition, Technology and Logistics Memorandum; Department of Defense (DoD) Functional Contract Writing and Administration dated 21 October 2011, which directed that no new contracts were to be input into the DoD legacy Standard Procurement System (SPS) after 30 September 2015 and that all use of SPS would cease on 30 September 2017. Funds are to perform all requisite activities to concurrently develop pre-Milestone A/B documentation and perform pre-solicitations/source selection activities expected of a projected ACAT IAM program in order to meet the USD AT&L timeline.

Will field the full operating capability of the Army Mapper system, which is the Army Geospatial data base of record and the HQDA repository for all Installation & Environment related geo-spatial data systems.

The Law Enforcement Advisory Program (LEAP), formerly known as the Criminal Information Management System (CIMS), is a collection of mission essential information technology (IT) systems within the Criminal Investigation Command (CIDC) and the Office of the Provost Marshal General (OPMG). USACIDC and OPMG has been tasked by the Army Health Promotion/Risk Reduction (HP/RR)task force to develop and integrate a unified, comprehensive enterprise program / system that shall house Classified and Unclassified - Law Enforcement Sensitive (LES) data which shall leverage existing and future Army LE enterprise information technology (IT) assets and other external data sources providing a full range of law enforcement functions to support business objectives and mission. This new comprehensive enterprise system will be known as the Army Law Enforcement Reporting and Tracking System (ALERTS) and shall provide US Army LE stakeholders the enhanced capability to rapidly and efficiently manage a variety of LE and criminal intelligence
(CrimIntel) functions; as well as a broader range of senior executive reporting requirements.

The Laboratory Information Management System (LIMS) is a web-based software system used at the Defense Forensics Science Center (DFSC), formerly known as the United States Army Criminal Investigation Laboratory (USACIL) at Fort Gillem, GA for the management of casework and tracking of all evidence received and processed. The DFSC requires RDT&E funding to complete the configuration, installation and validation of additional LIMS modules in support of forensics (to include the Materials Management,Equipment Management, Proficiency Testing, Training and Crime Scene support); and, to support the development, configuration and implementation of an Expeditionary Forensics Laboratory Information Management System (eLIMS) in theater. The eLIMS is the conduit between the deployed labs and the laboratory located at Ft. Gillem. The eLIMS would provide the forensic analysts with the ability to collect, track, store and analyze evidence collected from battlefield crime scenes at required competency levels of testing and calibration. It will allow the results to be electronically maintained and transmitted to the permanent physical lab at Ft. Gillem, Ga.
In addition, the system would afford the analysts electronic access to shared case management and evidence databases at the LAB from their deployed positions. At the current configuration of LIMS from CONUS locations, transmission of case related information can be processed in real time; however, transmission of case related information in theater takes
approximately 1-2 hours. If requirements are not funded, the DFSC will not be able to complete and implement the additional forensic modules for the core LIMS or develop and implement the eLIMS for the deployable labs. The stated objective will be delayed, resulting in a less than efficient process for handling of cases in theater and an inability to meet acceptable levels of turnaround time for casework.

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** T05: *Army Business System Modernization Initiatives*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Title: Army Business System Modernization Initiatives	12.210	26.217	26.550
Articles:	0	0	

Description: The Army Human Resources Command (HRC) modernization requirements will add new capabilities to legacy IT systems that support human resource functions such as organization and position management, training, and employment. The PPB BOS system standardize and integrate the transactional information systems used in the Headquarters Department of Army (HQDA) Programming and Budgeting processes. The program is streamlining programming and budgeting business processes and significantly improving strategic analysis capabilities. The PPB BOS architecture reengineers, streamlines, and consolidates HQDA systems and financial feeder systems; aligns to the DoD Business Enterprise Architecture (BEA); implements powerful business intelligence analytical tools to support strategic planning, programming, and budgeting within HQDA; and provides access to GFEBS funds management and execution data through system interfaces with required SFIS compliancy integral to the PPB BOS data model. The LEAP program will provide criminal intelligence querying and reporting capabilities in compliance with regulatory and policy standards for Army Law Enforcement regarding investigation of felony crimes. LEAP will captures criminal case investigative information regarding incidents, location descriptors, entities (name, social security number, rank, title, physical characteristics, sex, birth place, and date), agent assignment, crime description and identifiers, statements, property data, laboratory tests; verifies and stores this data for criminal intelligence purposes: and reports this information to the proper authorities from the Division Commanding Officer to the United States Grand Jury. The system will extract necessary data for consolidation and input to Defense Incident-Based Reporting System (DIBRS) monthly reports, National Incident-Based Reporting System (NIBRS) monthly reports and the Defense Clearance and Investigations Index (DCII) daily updates. The LIMS system will automate business processes that support the forensic examiners. These processes include, but are not limited to, analytics, materials management, management reporting, Freedom of Information Act requests (FOIA), legal discovery request, court preparation and outsource processing.

FY 2012 Accomplishments:
Complete development of the enterprise-level PPB BOS application throughout HQDA and the transfer of budget data to the Army?s financial enterprise resource system, the General Enterprise Business System. Start the development, configuration, and implementation of the Law Enforcement Advisory Program (LEAP) and the Laboratory Information Management System (LIMS) to support the administrative requirements for law enforcement management within the Criminal Investigation Command (CIDC). Army Human Resources Command will update and add new capabilities to several IT systems currently in sustainment, which includes the Army Selection Board system, the Officer Selection Support system, the Promotion Point Worksheet, and the Go Army Education system.

FY 2013 Plans:

Exhibit R-2A, RDT&E Project Justification: PB 2014 Army		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT T05: *Army Business System Modernization Initiatives*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Army Human Resources Command will update and add new capabilities to several IT systems currently in sustainment and prepare systems for subsumption by the Integrated Personnel and Pay system (IPPS-A) and disconnect and upgrade those systems not being subsumed by IPPS-A. *FY 2014 Plans:* Will continue deployment and final fielding of the enterprise-level PPB BOS application throughout HQDA and the transfer of budget data to the Army's financial enterprise resource system, the General Fund Enterprise Business System. Will develop the Army Contract Writing System. Will field the full operating capability of the Army Mapper system, which is the Army Geospatial data base of record and the HQDA repository for all Installation & Environment related geo-spatial data systems.			
Title: Army Contract Writing System (ACWS) *Description:* ACWS is the Army strategy for a single enterprise-wide contract writing and management solution that will meet the Army's current critical functional contract writing requirement and can expand to meet future functional needs. The Army's goal is to streamline Acquistion, Technology and Logistics (AL&T) end-to-end business processes; reduce operating, maintenance and support costs; decrease, and where applicable, mitigate the number of existing and future interfaces. *FY 2014 Plans:* FY14 funds will be used to award a systems integrator contract and begin engineering/development.	0.000	0.000	23.234
Accomplishments/Planned Programs Subtotals	12.210	26.217	49.784

C. Other Program Funding Summary ($ in Millions)
  N/A

Remarks

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 development to perform various tasks in a networked environment. These efforts include Soldier Management System (SMS), the Army Strategic Readiness Update (ASRU), Law Enforcement Advisory Program (LEAP), the Laboratory Information Management System (LIMS), Program Planning Budget Execution (PPBE) - Business Operating System (BOS), Automated Orders and Resources System (AORS), Army Selection Board System (ASBS), Data Base Administration Suite of System (DBA), Enlisted Distribution and Assignment system (EDAS), Enlisted Promotion Model (EPM), Enterprise Service Bus (ESB), Human Resource Command User Registration System (HURS), Integrated Total Army Personnel Database (ITAPDB), Officer Selection Support System (OSSS), Reserve Statistics Accounting System/Reserve Component Common Personnel Data System (RSAS/RCCPDS), Senior Enlisted Promotions Model (SEPM), Single Evaluation Processing System (SEPS), Soldier Management System Webified Suite of System (SMSWEB), Total Army Personnel Data Base - Active Enlisted (TAPDB-AE), Total Army Personnel Data Base - Active Officer (TAPDB-AO), Total Army Personnel Data Base -Active Reserve (TAPDB-AR), Total Officer Personnel Management Information System (TOPMIS), Total Officer

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Exhibit R-2A, **RDT&E Project Justification:** PB 2014 Army		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0605013A: *Information Technology Development*	**PROJECT** T05: *Army Business System Modernization Initiatives*

Personnel Management Information System II (TOPMIS II), KEYSTONE Retain System, Army Contract Writing System (ACWS), Army Mapper, and the Interactive Personnel Electronic Records Management System (iPERMS).

ACWS strategy is to perform all requisite activities to concurrently develop pre-milestone A/B documentation and perform pre-solicitation/source selection activities expected of a projected ACAT IAM program in order to meet the USD AT&L timelines for building a contract writing system to replace legacy contract systems to include the Standard Procurement System (SPS).

E. Performance Metrics

Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army					DATE: April 2013								

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0605013A: *Information Technology Development*	PROJECT T05: *Army Business System Modernization Initiatives*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PRODUCT DEVELOPMENT FOR KEYSTONE RETAIN SYSTEM, i-PERMS PRODUCT DEVELOPMENT	MIPR	M&RA/ G-1:ARLINGTON, VA	3.154	3.417	May 2012	13.978		-		-		-	Continuing	Continuing	Continuing
PPBOS PRODUCT DEVELOPMENT	MIPR	OAA:FORT BELVOIR, VA	1.930	1.930	Dec 2011	1.820		41.736	Nov 2014	-		41.736	Continuing	Continuing	Continuing
		Subtotal	5.084	5.347		15.798		41.736		0.000		41.736			

Remarks

FY14 includes an increase (included in the PPBOS Product Develoment line) for development of the Army Contract Writing Management System ($30 Million in FY14).The Under Secretary of Defense, Acquisition, Technology and Logistics directed that the Standard Procurement System (SPS) be decommissioned by FY17, with no new contracts being written by the SPS software effective FY15. ACWMS will replace SPS. In order for the Army to meet appropriate legislative mandates, the new capability will provide improved functionality in general contract writing and contract administration while seamlessly operating in the NIPR, SIPR, CONUS, OCONUS, and in low/no bandwidth environments. In addition, the replacement capability will produce data that is trackable and auditable by the Army designated finance account system(s) and will be in compliance with the Secretary of Defense's mandate for implementing internal controls to facilitate full financial audit readiness and accountability.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
IPPS-A SUPPORT COSTS	MIPR	HRC:FORT KNOX, KY	0.752	6.863	Aug 2012	7.742		-		-		-	Continuing	Continuing	25.119
HRC SYSTEMS KEYSTONE, IPERMS	MIPR	HRC:FORT KNOX, KY	0.000	-		-		5.683	Aug 2014	-		5.683	Continuing	Continuing	0.000
ARMY MAPPER	C/TBD	TBD:TBD	0.000	-		-		2.365		-		2.365	0.000	2.365	0.000
Law Enforcement Advisory Program(LEAP)	MIPR	ACC/NCR:Quantico, VA	0.000	-		2.677		-		-		-	Continuing	Continuing	0.000
		Subtotal	0.752	6.863		10.419		8.048		0.000		8.048			25.119

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Army										**DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
2040: *Research, Development, Test & Evaluation, Army* BA 5: *System Development & Demonstration (SDD)*	PE 0605013A: *Information Technology Development*	T05: *Army Business System Modernization Initiatives*

	All Prior Years	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	5.836	12.210	26.217	49.784	0.000	49.784			

Remarks