Exhibit R-2, **RDT&E Budget Item Justification:** PB 2011 Army	**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*

database and repository. JPIv2 will provide an Army tactical biometric collection capability to capture a person's biometric data and enroll them into the DoD enterprise authoritative biometric database to positively identify, and verify the identity of actual or potential adversaries. JPIv2 moved to Program Element 0307665A Project Unit B17 beginning in FY11. Additionally, the office is responsible for three Quick Reaction Capability (QRC) programs currently being used to support the Warfighter: Next Generation Automated Biometric Identification System (NG-ABIS), which is prototype database; Biometrics Automated Toolset-Army (BAT-A), which is a tactical collection device; and Biometric Identification System for Access (BISA) for base access within CENTCOM AOR.

B. Program Change Summary ($ in Millions)

	FY 2009	**FY 2010**	**FY 2011 Base**	**FY 2011 OCO**	**FY 2011 Total**
Previous President's Budget	41.153	74.355	72.581	0.000	72.581
Current President's Budget	39.679	60.866	54.784	64.780	119.564
Total Adjustments	-1.474	-13.489	-17.797	64.780	46.983
• Congressional General Reductions		-13.489			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments 1	-1.474	0.000	-17.797	64.780	46.983

Change Summary Explanation

Change Summary Explanation: Funding - FY 2011: Anticipated FY 11 Overseas Operation Contigency increase for the Biometric NG-ABIS program.

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

APPROPRIATION/BUDGET ACTIVITY
2040: *Research, Development, Test & Evaluation, Army*
BA 7: *Operational Systems Development*

R-1 ITEM NOMENCLATURE
PE 0303140A: *Information Systems Security Program*

PROJECT
491: *INFORMATION ASSURANCE DEVELOPMENT*

COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
491: *INFORMATION ASSURANCE DEVELOPMENT*	13.022	15.124	11.905	0.000	11.905	9.268	9.565	9.744	7.245	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

This project implements National Security Agency (NSA) developed security technologies in Army information systems. Project objectives are to provide systems security mechanisms through encryption, trusted software or standard operating procedures, and to integrate these mechanisms into specified systems, securing operations in as transparent a manner as possible. This entails architecture studies, modeling, system integration and testing, installation kits, and certification and accreditation of Automation Information Systems. Project will also assess, develop, integrate and demonstrate information assurance (IA) common tools (hardware and software) providing protection for fixed infrastructure post, camp and station networks as well as efforts on tactical networks. The cited work is consistent with Strategic Planning Guidance, and the Army Modernization Plan.

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	1.550	0.000	0.000	0.000	0.000
FY09: This one year congressional add developed technologies and techniques to secure the Army's digital networks against hostile intelligent services.					
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 491: *INFORMATION ASSURANCE DEVELOPMENT*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 OCO Plans: FY 2011 OCO					

Program #2
 	
Crypto Mod and Key Management Program. In FY09: Evaluate the performance (CM) compliant devices, including KG250AlM/T, KG255, KIV7M, KSV-21, SECNET 54, KG240A, KG245A/X, KGI75D and KG75A. Evaluate new Software releases for existing devices including STE, SECTERA Wire-line Adaptor, SECNET 54, KG 175D, KIV-7M, KOV26, VIPER and Secure Mobile Environment Personal Electronic Device (SME/PED). Developed and tested SME/PED device. Tested and evaluated Army secure network devices to HAIPIS 3.X and IPV6. Performance evaluation of Commercial COMSEC Evaluation Program (CCEP), new emerging products, IAW AR 700-142. Evaluate the performance of new software releases of the Simple Key Loader (SKL).
 	
FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
 	
FY 2011 Base Plans:
  FY 2011 Base
 	
FY 2011 OCO Plans:
  FY 2011 OCO
	6.883	0.000	0.000	0.000	0.000

Program #3 Crypto Mod and Key Management Program. In FY10: Will evaluate the performance of CM compliant 10 G and SONET - devices, including KG245X, KG75A, and KG340. Evaluate the performance of alternate and special	0.000	8.735	0.000	0.000	0.000

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Army		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 491: *INFORMATION ASSURANCE DEVELOPMENT*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total

purpose "last-mile" devices including the RSKL and TKL. Evaluate the performance of software releases and changes to EKMS and AKMS.
 	
FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
 	
FY 2011 Base Plans:
  FY 2011 Base
 	
FY 2011 OCO Plans:
  FY 2011 OCO					

Program #4
 	
Crypto Mod and Key Management Program. In FY11: Evaluate the performance CM compliant devices, including new software releases to HAIPE 4.0 devices. As part of Comprehensive National Cybersecurity Initiative (CNCI) integration, begin migration to NSA approved - COTS solutions, including secure laptop and data-at-rest solutions. Evaluate the performance of initial software releases to KMI CI-2. Begin to evaluate the performance of initial AKMS/EKMS to KMI transition strategies.
 	
FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
	0.000	0.000	5.925	0.000	5.925

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 491: *INFORMATION ASSURANCE DEVELOPMENT*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total

FY 2011 Base Plans:
  FY 2011 Base
 	
FY 2011 OCO Plans:
  FY 2011 OCO					

Program #5
 	
Tactical C2 Protect Tools - In FY09: developed/validated/enhanced IA tools for the tactical warfighter, including network access control (i.e. firewalls). Performed vulnerability assessments/performance testing on system-of-systems to be fielded in the near term as well as current legacy tools to ensure their effectiveness against current threats IAW SoS NVA, 3 Star Forum. COTS IA tools planned for deployment evaluated for use to support the CNCI.
 	
FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
 	
FY 2011 Base Plans:
  FY 2011 Base
 	
FY 2011 OCO Plans:
  FY 2011 OCO
	4.589	0.000	0.000	0.000	0.000

Program #6 Tactical C2 Protect Tools - In FY10: Will develop near term research and development such as the Tactical IA tools evaluation detection software to be utilized to support our current/near term operations. Develop tools (ie.,	0.000	6.040	0.000	0.000	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 491: *INFORMATION ASSURANCE DEVELOPMENT*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total

Linux hardening Armadillo tool to be used by all Army Certification Agencies (ACA) as well as other Programs of Record (POR) throughout the Army).
 	
FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
 	
FY 2011 Base Plans:
  FY 2011 Base
 	
FY 2011 OCO Plans:
  FY 2011 OCO					

Program #7
 	
Tactical C2 Protect Tools - In FY11: Develop and transition of research and development solutions to cognizant customers (i.e. Tactical IA tools evaluations to the Central Technical Support Facility (CTSF) and start integration efforts of mature research and development solutions to support transition.
 	
FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
 	
FY 2011 Base Plans:
  FY 2011 Base
	0.000	0.000	0.000	0.000	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 491: *INFORMATION ASSURANCE DEVELOPMENT*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 OCO Plans: FY 2011 OCO					
Program #8 FY10: Small Business Innovative Research/Small Business Technology Transfer Program *FY 2009 Accomplishments:* FY 2009 *FY 2010 Plans:* FY 2010 *FY 2011 Base Plans:* FY 2011 Base *FY 2011 OCO Plans:* FY 2011 OCO	0.000	0.349	5.980	0.000	5.980
Accomplishments/Planned Programs Subtotals	13.022	15.124	11.905	0.000	11.905

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

D. Acquisition Strategy
  The objective of this project is to develop, integrate and validate hardware and software solutions that will secure current and objective architecture and electronic business/commerce transactions. Project focuses on completing development and evaluation of Battle Command and control IA common tools and the procurement and institutionalization of information assurance related hardware and software, as well as techniques and procedures. The objective of the DOD Crypto Modernization Program is to provide adaptive, flexible, and programmable cryptographic systems using best practices, lessons learned and programmatic management to meet the challenge of modernizing the Army's aging cryptographic systems.

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Army		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 491: *INFORMATION ASSURANCE DEVELOPMENT*

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 2011 Army		DATE: February 2010

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0303140A: *Information Systems Security Program*	PROJECT 491: *INFORMATION ASSURANCE DEVELOPMENT*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
System Engineering	C/Various	CECOM RDEC Ft. Monmouth, NJ	44.072	7.569		5.402		0.000		5.402	Continuing	Continuing	0
Hardware/Software Engineering	C/Various	CECOM RDEC Ft. Monmouth, NJ	5.224	0.000		0.000		0.000		0.000	Continuing	Continuing	0
C2 Protect Common Tools	C/Various	Multiple Location could not be determined.	9.899	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Engineering Support	C/Various	CECOM RDEC Ft. Monmouth, NJ	7.847	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Engineering Support - 2	C	Lockheed Martin/ SRI Int. Eatontown, NJ	1.918	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Information Assurance System Engineering Support	C	MITRE McLean, VA	2.013	0.400		0.400		0.000		0.400	Continuing	Continuing	0
Malicious Mobile Code Analysis	C	ILEX Tinton Falls NJ	0.577	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Information Assurance System Engineering Support - 2	C	DSCI Consulting Eatontown, NJ	3.587	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Engineering Support - 3	C	VIATECH Eatontown, NJ	0.000	2.104		0.000		0.000		0.000	Continuing	Continuing	0
Tactical Intrusion Detection System	C	MIT Cambridge, MA	0.135	0.000		0.000		0.000		0.000	Continuing	Continuing	0
M&S for Information Assurance Trainer	C	Atlantic Consulting Services	1.020	0.000		0.000		0.000		0.000	Continuing	Continuing	0

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

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security* *Program*	**PROJECT** 491: *INFORMATION ASSURANCE* *DEVELOPMENT*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Shrewsbury, NJ											
Defense Healthcare Information Assurance Program	C/Various	CIO/G6 BMO Crystal City, VA	12.027	0.000		0.000		0.000		0.000	Continuing	Continuing	0
DoD Biometrics Program	C/Various	CIO/G6 BMO Crystal City, VA	18.280	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Crypto Mod	C/Various	CECOM RDEC Ft. Monmouth, NJ	0.274	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Engineering Support - 4	C	CACI Eatontown, NJ	1.450	0.000		0.550		0.000		0.550	Continuing	Continuing	0
Engineering Support - 5	C	Booz Allen Hamilton Eatontown, NJ	1.593	0.000		0.000		0.000		0.000	Continuing	Continuing	0
Engineering Support - 6	C	CSC Eatontown, NJ	2.844	3.500		3.500		0.000		3.500	Continuing	Continuing	0
Engineering Support - 7	C	VIATECH Eatontown, NJ	0.000	1.551		2.053		0.000		2.053	Continuing	Continuing	0
Subtotal			112.760	15.124		11.905		0.000		11.905			0.000

Remarks

	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	112.760	15.124		11.905		0.000		11.905			0.000

Army

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

| APPROPRIATION/BUDGET ACTIVITY
2040: *Research, Development, Test & Evaluation, Army*
BA 7: *Operational Systems Development* | | R-1 ITEM NOMENCLATURE
PE 0303140A: *Information Systems Security Program* | | PROJECT
491: *INFORMATION ASSURANCE DEVELOPMENT* | | |

	Total Prior Years Cost	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract

Remarks

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

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0303140A: *Information Systems Security Program*	PROJECT 501: *ARMY KEY MGT SYSTEM*

COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
501: *ARMY KEY MGT SYSTEM*	0.996	1.874	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Provides Commander with an automated capability to plan, engineer, distribute, and manage all systems that employ Electronic Key, Electronic Protection (EP), and Signal Operating Instructions (SOI).   - Army Key Management System (AKMS) AKMS consists of two Workstations, one hosting Local COMSEC Management Software (LCMS) for COMSEC Management, one hosting Automated Communication Engineering System (ACES) for Cryptonet Planning and the Simple Key Loader (SKL).   - LCMS is the Communications Security (COMSEC) accounting and generation software that provides Information Systems with Cryptographic Key capability.   - ACES provides Information Systems with Cryptonet Planning & SOI/EP Fill for Combat Net and supports Coalition Joint Spectrum Management Planning Tool (CJSMPT).   - SKLs move the ACES/LCMS data to End Crypto Units (ECUs).   - CJSMPT software enables more efficient and accurate management of critical spectrum resources supporting de-confliction of Improvised Explosive Device (IED) Jammers and Blue Force comms.

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total

Program #1
 	
Continue enhancements and support of next set of software tools for the AKMS workstation to support Army modularity requirements.
 	
FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
 	
FY 2011 Base Plans:
  FY 2011 Base
	0.618	1.221	0.000	0.000	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 501: *ARMY KEY MGT SYSTEM*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 OCO Plans: FY 2011 OCO					
Program #2 Engineering Support *FY 2009 Accomplishments:* FY 2009 *FY 2010 Plans:* FY 2010 *FY 2011 Base Plans:* FY 2011 Base *FY 2011 OCO Plans:* FY 2011 OCO	0.328	0.450	0.000	0.000	0.000
Program #3 Test and Evaluation *FY 2009 Accomplishments:* FY 2009 *FY 2010 Plans:* FY 2010	0.050	0.150	0.000	0.000	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 501: *ARMY KEY MGT SYSTEM*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2011 Base Plans: FY 2011 Base *FY 2011 OCO Plans:* FY 2011 OCO					
Program #4 Small Business Innovative Research/Small Business Technology Transfer Programs *FY 2009 Accomplishments:* FY 2009 *FY 2010 Plans:* FY 2010 *FY 2011 Base Plans:* FY 2011 Base *FY 2011 OCO Plans:* FY 2011 OCO	0.000	0.053	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals	0.996	1.874	0.000	0.000	0.000

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Army		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 501: *ARMY KEY MGT SYSTEM*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: *BA1201 TSEC - AKMS*	34.811	29.432	25.959	0.000	25.959	12.562	9.203	5.919	6.022	Continuing	Continuing

D. Acquisition Strategy

AKMS Milestone III was conducted/approved in FY99. LCMS completed fielding of software v5.0.3 in FY09 to all COMSEC custodians to provide Encrypted Key capability. LCMS hardware refresh will begin 2QFY10. The AKMS acquisition strategy to procure Simple Key Loaders was updated in an Acquisition Decision Memorandum (ADM) approved by the PEO C3T Milestone Decision Authority (MDA) 3QFY02. SKL Fielding began 3QFY05 and continue. SKL software v5.0 was released 4QFY08. SAIC began efforts in 1QFY09 to upgrade SKL software and v6.0 will be released 2QFY10 to provide interoperability with emerging systems (all services). ACES software v1.9 development was completed and released 1QFY09. ACES software v2.0 development began in FY09 and will be released 2QFY10. ACES hardware refresh will occur FY10. CJSMPT software v2.0 was completed 1QFY09, the Approval to Operate (ATO) was received 1QFY09, and a Joint Military Utility Assessment (JMUA) was successfully conducted 2QFY09. A limited deployment of CJSMPT is being conducted in FY10. FY 10 will continue enhancement and support of next generation of AKMS software tools to meet emerging Army systems' requirements.There is no RDTE funding programmed beyond FY10.

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

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0303140A: *Information Systems Security Program*	PROJECT 50B: *BIOMETRICS*

COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
50B: *BIOMETRICS*	9.216	33.990	8.267	0.000	8.267	8.534	8.295	7.994	7.788	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

Secretary of the Army (SA) is the Executive Agent (EA) and the Director, Biometrics Task Force (BTF) is the Executive Manager (EM) for DoD Biometrics. The BTF will (1) synchronize and integrate existing and new technologies; (2) provide identity dominance, protection and management through integrated joint biometric programs; and, (3) enhance the DoD authoritative biometric repository to provide timely, accurate and comprehensive identity superiority to the Warfighter. The BTF provides conformance testing, supports test and evaluation (T&E) of commercial Off-the-Shelf (COTS) biometric devices, develops standards and performance measures, and provides technical implementation and integration to DoD Biometrics. The BTF provides for the next generation enterprise development to support all DoD Services for continuous improvement in technologies that support the Warfighter's ability to exercise identity dominance over non-traditional enemies.This Project (50B) was previously under PE 0303140A, Project 491. Beginning with FY11, PM DoD Biometrics funding is reported under Project 5PM.

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	9.216	3.159	8.267	0.000	8.267
FY2009/2010/2011 Base - BTF FY2009 Accomplishments include: Developing technologies that require validation in an operational environment that support the following DoD Biometric S&T Requirement Capability Areas: Biometric Collection from a Distance; Mobile and Tactical Biometric Collection Devices; Rapid Capture and Vetting Process; Latent Biometric Capture Capability; Increasingly Accurate and/or Multimodal Sensor Devices/Matching Capability; Biometric Architecture and Storage Infrastructure; and, Interoperable Sharing. Development and integration of an authoritative DoD DNA biometric profile repository. Developing Identification-based Decision Processes to Ensure Confident Transaction (IDProTECT), a friendly repository, that will enable the biometric link to root identities, enabling enhanced personnel security investigations; and, allow physical and logical access, by maintaining the full biometric identity sets on all DoD friendly personnel. FY2010/2011 Planned Program: The BTF will continue to develop and integrate biometric capabilities that					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 50B: *BIOMETRICS*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total

include new/emerging technologies and modalities to support the Warfighter and Interagency operations. These resources provide for development of new matching algorithms, software enhancement, equipment design, data storage technology, matching capabilities and exploitation that proven may be transitioned to enduring capabilities.
 	
FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
 	
FY 2011 Base Plans:
  FY 2011 Base
 	
FY 2011 OCO Plans:
  FY 2011 OCO					

Program #2 FY 2010 OCO: Development of Next Generation Automated Biometric Identification System (NG ABIS) to provide continuity of operations and begin development of Blue Force/Identification-based Decision Process To Enable Confident Transactions (IDProTECT) system. FY2010 (BTF): Funding continues to support IDProTECT development to ensure identity protection of US persons and to enhance anti-terrorism/force protection posture by positively identifying individuals requiring access to DoD facilities, systems, or services. Funding also will be used to conduct an Analysis of Alternatives for the Biometrics Enterprise System. Biometrics Interagency Interoperability (BII) supports implementation of Homeland Security Presidential Directive 24 (HSPD-24). BII also provides mutual compatible methods and procedures across DoD in the collection, storage, use, analysis, and sharing of biometric and associated biographic and contextual information of individuals in a lawful and appropriate manner while respecting their information privacy and other legal rights under United States law.	0.000	2.220	0.000	0.000	0.000

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Army		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 50B: *BIOMETRICS*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: FY 2009 *FY 2010 Plans:* FY 2010 *FY 2011 Base Plans:* FY 2011 Base *FY 2011 OCO Plans:* FY 2011 OCO					
Program #3 FY 2010: Funding for DoD Biometrics Program Management (0303140A/5PM) *FY 2009 Accomplishments:* FY 2009 *FY 2010 Plans:* FY 2010 *FY 2011 Base Plans:* FY 2011 Base *FY 2011 OCO Plans:* FY 2011 OCO	0.000	27.763	0.000	0.000	0.000
Program #4	0.000	0.848	0.000	0.000	0.000

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

APPROPRIATION/BUDGET ACTIVITY
2040: *Research, Development, Test & Evaluation, Army*
BA 7: *Operational Systems Development*

R-1 ITEM NOMENCLATURE
PE 0303140A: *Information Systems Security Program*

PROJECT
50B: *BIOMETRICS*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009: Small Business Innovative Research/Small Business Technology Transfer Programs					
FY 2009 Accomplishments: FY 2009					
FY 2010 Plans: FY 2010					
FY 2011 Base Plans: FY 2011 Base					
FY 2011 OCO Plans: FY 2011 OCO					
Accomplishments/Planned Programs Subtotals	9.216	33.990	8.267	0.000	8.267

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: *TA0600 - Information Systems Security Program*	2.543	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	2.543
• Ord. #2: *432144 - Operations and Maintenance Army*	12.003	14.001	23.397	0.000	23.397	19.622	20.635	20.643	21.637	Continuing	Continuing
• Ord. #3: *135197 - Operations and Maintenance Army*	280.300	148.318	146.665	0.000	146.665	0.000	0.000	0.000	0.000	0	575.283

D. Acquisition Strategy
C. Acquisition Strategy Support DoD Acquisition organizations in developmental testing, systems integration, and/or independent verification and validation of biometric systems.

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Army		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 50B: *BIOMETRICS*

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.

Army

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

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0303140A: *Information Systems Security Program*	PROJECT 50B: *BIOMETRICS*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Base: Enterprise Development	C/Various	Various Location could not be determined.	72.045	0.000		8.267		0.000		8.267	Continuing	Continuing	0
FY 10 Base: Funding for DoD Biometrics Program Management	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	31.770		0.000		0.000		0.000	Continuing	Continuing	0
FY 10 OCO: Development of Next Generation Automated Biometric Identification System (NG ABIS)	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	2.220		0.000		0.000		0.000	Continuing	Continuing	0
Subtotal			72.045	33.990		8.267		0.000		8.267			0.000

Remarks

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
				Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
N/A	C	Nothing entered for Activity and Location.	0.000	0.000		0.000		0.000		0.000	0	0	0

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

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0303140A: *Information Systems Security Program*	PROJECT 50B: *BIOMETRICS*

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Location could not be determined.											
Subtotal			0.000	0.000		0.000		0.000		0.000	0.000	0.000	0.000

Remarks

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
N/A	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	0	0	0
Subtotal			0.000	0.000		0.000		0.000		0.000	0.000	0.000	0.000

Remarks

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

APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	PE 0303140A: *Information Systems Security Program*	50B: *BIOMETRICS*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
N/A	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.000		0.000		0.000		0.000	0	0	0
Subtotal			0.000	0.000		0.000		0.000		0.000	0.000	0.000	0.000

Remarks

	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	72.045	33.990		8.267		0.000		8.267			0.000

Remarks

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

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*				R-1 ITEM NOMENCLATURE PE 0303140A: *Information Systems Security Program*				PROJECT 5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*			

COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*	16.445	9.869	34.612	64.780	99.392	38.781	38.721	39.424	40.825	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

The Department of Defense (DoD) Biometrics Program Management Office is responsible for developing two Programs of Record: the Biometrics Enabling Capability (BEC), previously named Biometric Enterprise Core Capability (BECC) and Joint Personnel Identification Version 2 (JPIv2), previously named Biometric Family of Capabilities for Full Spectrum Operations (BFCFSO). BEC will be the DoD biometric enterprise authoritative database and repository. Envisioned capabilities include multi-modal storage and matching, state-of-the-art Service Oriented Architecture, management portal, Watch List capability, and interoperability with the FBI, Department of Homeland Security, National Ground Intelligence Center's Biometric Intelligence Repository (BIR) and other agencies. BEC development will be informed by a prototype capability, the Next Generation Automated Biometric Identification System (NG-ABIS), being developed, sustained and enhanced by PM DoD Biometrics as a Quick Reaction Capability (QRC) based on a U.S. Central Command (CENTCOM) Joint Urgent Operational Needs Statement (JUONS) using Overseas Contingency Operations (OCO) funds. JPIv2 will provide an Army tactical biometric collection capability to capture a person's biometric data and enroll them into the DoD enterprise authoritative biometric database to positively identify, and verify the identity of actual or potential adversaries. Capabilities envisioned for JPIv2 will be configurable for multiple operational mission environments. JPIv2 development will be informed by prototype collection capabilities provided by the Biometrics Automated Toolset-Army (BAT-A), also a QRC being developed, sustained, and enhanced, and sustainment of Handheld Interagency Identity Detection Equipment (HIIDE) by PM DoD Biometrics. PM DoD Biometrics is also responsible for development and sustainment of biometrically enabled Base Access QRC, Biometric Identification System for Access (BISA), based on a CENTCOM JUONs for base access within CENTCOM AOR. BISA is identified as a "niche" system and not currently planned as a program of record. Utilizing an evolutionary approach, both BEC and JPIv2 programs of record capabilities will be delivered in increments to achieve stated requirements. An Analysis of Alternatives (AoA) for each program is currently being conducted and the Capability Development Document (CDD) will be completed in 2011 based on the recommendations of the AoA. In FY2010, this part of this program was reflected under Project Unit 50B under this Program Element. Beginning in FY2011, JPIv2 moved from this Program Element to Program Element 0307665A Project Unit BI7. FY2011 Core Funding: BEC: Engineering and Manufacturing Development (EMD) contract execution for development, test and validation of BEC program of record requirements, capabilities and functionality. Provides for development, test and verification of new matching algorithms, equipment and system design and solution architecting, data storage technology and exploitation. FY2011 efforts will continue to support operational biometric capabilities that include new/emerging technologies and modalities to support the Warfighter and Interagency operations, supporting the implementation of Homeland Security Presidential Directive 24 (HSPD-24). Continued development of enterprise system scalability and processing capability and integration of additional emerging modalities and technologies into the prototype and Continuity of Operations (COOP) systems.

B. Accomplishments/Planned Program ($ in Millions)

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

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0303140A: *Information Systems Security Program*	PROJECT 5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1	16.445	0.000	0.000	0.000	0.000

FY2009 Core Funding: PM DoD Biometrics developed, integrated, tested, and deployed Next Generation Automated Biometric Identification System (NG ABIS) ahead of schedule on January 29, 2009, in response to CENTCOM JUONS (Joint Urgent Operational Needs Statement). This enabling capability quadrupled the effective lethality of the previous prototype system by introducing three new modalities for biometric matching (face, iris, palm) and significantly upgraded the fingerprint algorithm to achieve matches three-to-ten times faster and achieve matches on previously missed fingerprint submissions. The improved responsiveness (from hours and minutes to minutes and seconds) enables Warfighters to make quicker release-or-detain decisions and increases survivability by reducing exposure time while in austere environments. Supported planning and begin execution of activities required to achieve a favorable milestone decision in FY10 to enter Engineering and Manufacturing Development for BEC.

FY 2009 Accomplishments:
  FY 2009

FY 2010 Plans:
  FY 2010

FY 2011 Base Plans:
  FY 2011 Base

FY 2011 OCO Plans:
  FY 2011 OCO

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #2	0.000	9.593	0.000	0.000	0.000

FY2010 Core Funding: Supports planning and execution of activities to achieve a favorable milestone decision to enter Engineering and Manufacturing Development for BEC contracts supporting the both programs.   FY2010 Core funding in the amount of $38.238 is reported under Project Unit 50B under this Program Element.

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

APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	PE 0303140A: *Information Systems Security Program*	5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total

FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
 	
FY 2011 Base Plans:
  FY 2011 Base
 	
FY 2011 OCO Plans:
  FY 2011 OCO					

Program #3
 	
FY2011 Core Funding: BEC: Engineering and Manufacturing Development (EMD) contract execution for development, test and validation of BEC program of record requirements, capabilities and functionality. Provides for development, test and verification of new matching algorithms, equipment and system design and solution architecting, data storage technology and exploitation. FY2011 efforts will continue to support operational biometric capabilities that include new/emerging technologies and modalities to support the Warfighter and Interagency operations, supporting the implementation of Homeland Security Presidential Directive 24 (HSPD-24). Continued development of enterprise system scalability and processing capability and integration of additional emerging modalities and technologies into the production and COOP systems.
 	
FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
	0.000	0.000	34.612	0.000	34.612

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Army		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total

FY 2011 Base Plans:
  FY 2011 Base
 	
FY 2011 OCO Plans:
  FY 2011 OCO					

Program #4 FY2011 OCO Funding: The appropriate breakout for the FY11 OCO $63,306K RDTE request should be $25.134M of RDTE funds and $38.172M of OPA funds. The request erroneously portrayed all funding as RDTE. The $25.134M RDTE request for NG-ABIS will resource required labor costs for development, integration, test and verification efforts supporting projected capabilities surrounding enhanced web services, interoperability with designated federal agencies' biometric capabilities enhanced classification capabilities, quality improvement of data enterprise data sets, integration of additional biometric modalities and enabling multiple vendor's biometric search algorithm, system upgrades to Mission Assurance Category 1, processing and capacity increases for meeting Homeland Security Presidential Directive 24 (HSPD 24)/ National Security Presidential Directive 59 (NSPD 59) objectives. The other $38.172M, which should have been submitted as OPA, supports a validated OPA requirement to provide COTS-based hardware and software components required for achieving Mission Assurance Category 1 (MAC-1) security posture; and equipment and software for projected system upgrades and additional processing capacity and capabilities to meet objectives of Homeland Security Presidential Directive 24 (HSPD-24) / National Security Presidential Directive 59 (NSPD-59) and interagency biometric data sharing. Resources will also support the purchase of additional hardware and software components to deliver required Exposed Service Oriented Architecture (SOA) Web Services capability and provisioning of a conformant testing environment. *FY 2009 Accomplishments:* FY 2009	0.000	0.000	0.000	64.780	64.780

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Army		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total

FY 2010 Plans:
  FY 2010
 	
FY 2011 Base Plans:
  FY 2011 Base
 	
FY 2011 OCO Plans:
  FY 2011 OCO					

Program #5
 	
SBIR/STTR
 	
FY 2009 Accomplishments:
  FY 2009
 	
FY 2010 Plans:
  FY 2010
 	
FY 2011 Base Plans:
  FY 2011 Base
 	
FY 2011 OCO Plans:
  FY 2011 OCO
	0.000	0.276	0.000	0.000	0.000

Accomplishments/Planned Programs Subtotals	16.445	9.869	34.612	64.780	99.392

Exhibit R-2A, **RDT&E Project Justification:** PB 2011 Army		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• Ord. #1: *TA0600 - Information Systems Security Program, Other Procurement, Army OCO*	0.000	17.585	0.000	71.165	71.165	0.000	0.000	0.000	0.000	0	88.750
• Ord. #2: *TA0600 - Information Systems Security Program, Other Procurement, Army Base*	0.000	5.581	8.482	0.000	8.482	2.327	24.821	2.306	9.813	0	53.330
• Ord. #3: *432144 - Operations and Maintenance , Army Base*	0.000	0.884	1.712	0.000	1.712	1.735	1.782	1.822	1.864	0	9.799
• Ord. #4: *135197 - Operations and Maintenance, Army OCO*	0.000	17.585	298.162	0.000	298.162	0.000	0.000	0.000	0.000	0	315.747

D. Acquisition Strategy

The USD(AT&L) designated DoD Biometrics as an Acquisition Category (ACAT) 1 - Special Interest Program on 2 September 2008. On 6 July 2009, the USD (AT&L) directed the Army to conduct an Analysis of Alternatives (AoA) for each program. The Capabilities Development Document (CDD) will be completed based on the recommendations of the AoA. The Acquisition Strategy of DoD Biometrics is to support and sustain the current QRC prototype systems, NG-ABIS, BAT-A, HIIDE and BISA and to continue sustainment, development and enhancement of these systems while the BEC and JPIv2 capabilities are in development. QRC prototype systems will continue to be sustained with OCO funding until the enduring programs are fielded.

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 2011 Army | **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
2040: *Research, Development, Test & Evaluation, Army*	PE 0303140A: *Information Systems Security*	5PM: *DOD BIOMETRICS PROGRAM*
BA 7: *Operational Systems Development*	*Program*	*MANAGEMENT*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Base: Products Development	C/TBD	Various Location could not be determined.	0.000	7.662		17.796		64.780		82.576	Continuing	Continuing	0
		Subtotal	0.000	7.662		17.796		64.780		82.576			0.000

Remarks

An Analysis of Alternatives (AoA) for each program is currently being conducted and the Capability Development Document (CDD) will be completed in 2011 based on the recommendations of the AoA.EMD contract award and development efforts scheduled to begin following MS B decision.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Civilian Personnel	C	Nothing entered for Activity and Location. Location could not be determined.	0.000	0.500		4.000		0.000		4.000	Continuing	Continuing	0
		Subtotal	0.000	0.500		4.000		0.000		4.000			0.000

Remarks

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2011 Army		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
IA, T&E, Threat Assements, Interoperability Certifications	C/TBD	Various Location could not be determined.	0.000	0.500		0.800		0.000		0.800	Continuing	Continuing	0
Subtotal			0.000	0.500		0.800		0.000		0.800			0.000

Remarks

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PM Management Services	C/TBD	Various Location could not be determined.	0.000	1.207		12.016		0.000		12.016	Continuing	Continuing	0
Subtotal			0.000	1.207		12.016		0.000		12.016			0.000

Remarks

	Total Prior Years Cost	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	9.869	34.612	64.780	99.392			0.000

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

APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*			**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*			**PROJECT** 5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*		
	Total Prior Years Cost	**FY 2010**	**FY 2011 Base**	**FY 2011 OCO**	**FY 2011 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Remarks								

Exhibit R-4, **RDT&E Schedule Profile:** PB 2011 Army		**DATE:** February 2010
APPROPRIATION/BUDGET ACTIVITY 2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0303140A: *Information Systems Security Program*	**PROJECT** 5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*

	FY 2009				FY 2010				FY 2011				FY 2012				FY 2013				FY 2014				FY 2015			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Milestone Decision									#																			
System Development									#	#	#	#	#	#	#	#												

Army

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

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

APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
2040: *Research, Development, Test & Evaluation, Army* BA 7: *Operational Systems Development*	PE 0303140A: *Information Systems Security Program*	5PM: *DOD BIOMETRICS PROGRAM MANAGEMENT*

Schedule Details

Event	Start Quarter	Start Year	End Quarter	End Year
Milestone Decision	1	2011	1	2011
System Development	1	2011	4	2012