

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

May 2009

BUDGET ACTIVITY 7 - Operational system development		PE NUMBER AND TITLE 0303140A - Information Systems Security Program			
COST (In Thousands)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	Cost to Complete	Total Cost
Total Program Element (PE) Cost	52045	43053	76575	Continuing	Continuing
491 INFORMATION ASSURANCE DEVELOPMENT	16807	13295	15204	Continuing	Continuing
501 ARMY KEY MGT SYSTEM	933	1023	1884		3840
50B BIOMETRICS	34305	28735	49567	Continuing	Continuing
5PM DoD Biometrics Program Management			9920		9920

A. Mission Description and Budget Item Justification: The Communications Security Equipment Program develops Information Systems Security (ISS) equipment and techniques required to combat threat Signal Intelligence capabilities and to insure the integrity of data networks. The Army's Research Development Test and Evaluation (RDTE) ISS program objective is to implement National Security Agency (NSA) developed security technology in Army information systems. Communications Security Equipment (COMSEC) technology ensures total signal and data security for all Army information systems to include any operational enhancement and specialized Army configurations. The Army Key Management System (AKMS) automates key generation and distribution while supporting joint interoperability. It provides communications and network planning with key management. AKMS is a part of the management/support infrastructure for the Warfighter Information Network - Tactical (WIN-T) program. Additional modifications to the AKMS baseline are required to support the emerging WIN-T architecture. System security engineering, integration of available Information Security (INFOSEC) products, development, and testing are provided to ensure that Command, Control, Communications and Computer Intelligence (C4I) systems are protected against malicious or accidental attacks. Several joint service/NSA working groups exist in the area of key management in order to avoid duplication and assure interoperability between all systems, including the establishment of standards and testing. The Defense Information Systems Agency (DISA) Multi-Level Security (MLS) working group coordinates all the different ongoing technology efforts. This program will also develop, integrate, and demonstrate Command and Control (C2) Protect Common Tools into C4I systems that manage, protect, detect and react to C2 system vulnerabilities, threats, reconfigurations, and reconstitutions. Modeling, simulation, and risk management tools will be used to develop C2 Protect capabilities, enabling the warfighter to distribute complete and unaltered information and maintain a dynamic, continuous synchronous operational force.

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BUDGET ACTIVITY

7 - Operational system development

PE NUMBER AND TITLE

0303140A - Information Systems Security Program

<u>B. Program Change Summary</u>	FY 2008	FY 2009	FY 2010
Previous President's Budget (FY 2009)	31403	38090	39974
Current BES/President's Budget (FY 2010)	52045	43053	76575
Total Adjustments	20642	4963	36601
Congressional Program Reductions		-136	
Congressional Rescissions			
Congressional Increases	21465	5099	2220
Reprogrammings			
SBIR/STTR Transfer	-823		
Adjustments to Budget Years			34381

Change Summary Explanation: Funding - FY 08: Supplemental appropriated to support GWOT related Biometrics. FY 09 Congressional increase includes the anticipated Overseas Contingency Operations increase of \$1.9 million in support of Biometrics development. FY 10 increase to support Biometrics development and anticipated Overseas Contingency Operations increase of \$2.2 million in support of Biometrics development..

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

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BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0303140A - Information Systems Security Program			PROJECT 491	
COST (In Thousands)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	Cost to Complete	Total Cost
491 INFORMATION ASSURANCE DEVELOPMENT	16807	13295	15204	Continuing	Continuing

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.

<u>Accomplishments/Planned Program:</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
This one year congressional add, develops technologies and techniques to secure the Army's digital networks against hostile Intelligent services		1550	
Crypto Mod and Key Management Program. In FY08: Supported development of net centric technologies for the Tactical Network, Modularity and the Comprehensive National Cybersecurity Initiative (CNCI). Implemented Inline Network Encryptor (INE), Link Encryption Family (LEF) and secure Communications Interoperability Protocol (SCIP) Replacement and Modernization Plans. Planned Army Secure Wireless Local Area Network (LAN) Strategy using SecNet54 and other products for Div and below. Developed Cryptographic Modernization Plan for JNN Lot 1 through 9 of KG175D and KIV7M. Evaluated Secure Mobile Environment/Personal Electronic Device (SME/PED) including voice and data capability and email migration. Participated in SME/PED Pilot Tests with NSA and the Defense Information Systems Agency (DISA). In FY09: Continue to field Crypto Mod (CM) compliant devices, including KG250A/M/T, KG255, KIV7M, KIV19M, SECNET 54, KG240A, KG245A/X, KG175D and KG75A. Software upgrades for existing devices including STE, OMNI, SECTERA Wireline Adaptor, SECNET 54, KSV-21, KG175D, KIV7M, KIVI19M, KOV26, VIPER and SME/PED. Initiate enterprise deployment of SME/PED device below GO/SES level and tactical deployment of device at DIV/BDE and below level. Test and evaluate Army secure network devices to HAIPIS 3.X and IPV6. In FY10: Will field CM compliant 10 G and Sonet devices, including KG245X, KG75A, and KG340.	9912	6833	9255
Tactical C2 Protect Tools/Tactical PKI. In FY08: Developed/validated/enhanced IA tools for the tactical Warfighter. Evaluated, performed vulnerability assessments/performance testing and source code analysis on tools for fielding. Evaluated both COTS/GOTS IA tools for deployment for use in support of Army priorities, modularity and the CNCI. Validated TPKI solution for Future Force use as well as Current Systems planned to interface with Future Force systems. In FY09: Develop/validate/enhance IA tools for the tactical Warfighter, including network access control (i.e. Firewalls). Perform vulnerability assessments/performance testing on tactical tools to be fielded in the near term as well as current legacy tools to ensure their effectiveness against current threats. COTS IA tools planned for deployment will be evaluated for use to support the CNCI. Modify/enhance FCS Tactical PKI spinout 1 baseline and validate/test final software/hardware for fielding in FY10. In FY10: Will develop/validate/enhance IA tools for the tactical Warfighter in areas	6895	4595	5949

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BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0303140A - Information Systems Security Program	PROJECT 491
including intrusion detection and intrusion prevention systems. Will perform vulnerability assessments/performance testing and selected source code assessments on tools that are on the Army Information Assurance Approved Product List, to evaluate the tools' effectiveness against current/emerging threats. Both COTS and GOTS IA tools for deployment will be evaluated for use to support the CNCI. Will develop Tactical PKI policy and CONOPS.		
Small Business Innovative Research/Small Business Technology Transfer Program		317
Total	16807	13295

<u>B. Other Program Funding Summary</u>	FY 2008	FY 2009	FY 2010	To Compl	Total Cost
OPA TA0600	47400	47444		Continuing	-23173

Comment:

C. 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.

ARMY RDT&E COST ANALYSIS (R3)

May 2009

BUDGET ACTIVITY			PE NUMBER AND TITLE							PROJECT		
7 - Operational system development			0303140A - Information Systems Security Program							491		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
System Engineering	Various	CECOM, RDEC	44072	11900	1Q	5735	1Q	8331	1Q	Cont.	Cont.	Cont.
Hardware/Software Engineering	Various	CECOM, RDEC	5224								5224	
C2 Protect Common Tools	Subcontracts reflected in d. through k. below	Subcontracts reflected in d. through k. below	9899							Cont.	Cont.	Cont.
Engineering Support	Various	CECOM, RDEC	7847	120	4Q						7967	
Engineering Support	T&M	Lockheed Martin/SRI Int., Eatontown, NJ	2047							Cont.	1918	Cont.
Information Assurance System Engineering Support	C-Reimburs	MITRE, McLean, VA	2013	465	1Q	400	1Q	400	1Q		3628	
Malicious Mobile Code Analysis	T&M	ILEX Tinton Falls, NJ	577								577	
Information Assurance System Engineering Support	T&M	DSCI Consulting	3587							Cont.	3587	Cont.
Engineering Support	T&M	VIATECH		1722	1Q	2104	1Q	2423	1Q	Cont.	Cont.	Cont.
Tactical Intrusion Detection System	T&M	MIT, Cambridge, MA	135								135	
Model & Simulation for Information Assurance Trainer	T&M	Atlantic Consulting Services, GA	1020								1020	
DHIAP	Various	CIO/G6 BMO	12027								12027	
DoD Biometrics Program	Various	CIO/G6 BMO	18280								18280	
Crypto Mod	Various	CECOM, RDEC	424								274	Cont.
Engineering Support	T&M	CACI		600	1Q			550	1Q		1450	
Engineering Support	T&M	Booze Allen, Eatontown, NJ	1093	500	2Q						1593	Cont.
Engineering Support	T&M	CSC, Virginia	2844	1500	1Q	3500	2Q	3500	1Q	Cont.	Cont.	Cont.
Engineering Support	T&M	VIATECH				1556	2Q				1556	
Subtotal:			111089	16807		13295		15204		Cont.	Cont.	Cont.

ARMY RDT&E COST ANALYSIS (R3)

May 2009

BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0303140A - Information Systems Security Program	PROJECT 491
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II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:												

Remarks: Not Applicable

III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:												

Remarks: Not Applicable

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:												

Remarks: Not Applicable

Project Total Cost:	111089	16807		13295		15204		Cont.	Cont.	Cont.
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ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

May 2009

BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0303140A - Information Systems Security Program			PROJECT 501	
COST (In Thousands)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	Cost to Complete	Total Cost
501 ARMY KEY MGT SYSTEM	933	1023	1884		3840

A. Mission Description and Budget Item Justification: FY2010 CORE:

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 Incendiary Explosive Device (IED) Jammers and Blue Force comms.

Accomplishments/Planned Program:

	FY 2008	FY 2009	FY 2010
FY2010 CORE:Continue enhancements and support of next set of software tools for the AKMS workstation to support Army modularity requirements.	586	617	1290
FY2010 CORE:Engineering Support	297	328	444
FY2010 CORE:Test and Evaluation	50	50	150
Small Business Innovative Research/Small Business Technology Transfer Programs		28	
Total	933	1023	1884

B. Other Program Funding Summary

	FY 2008	FY 2009	FY 2010	To Compl	Total Cost
BA1201 TSEC - AKMS	27605	34811	29525	Continuing	Continuing

Comment:

C. 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 4QFY09. The AKMS acquisition strategy to procure Simple Key Loaders was updated in an Acquisition Decision

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PROJECT

501

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 1QFY10 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 in early FY10. ACES hardware refresh will occur FY10. CJSMPPT 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. FY 09-10 will continue enhancement and support of next generation of AKMS software tools to meet emerging Army systems' requirements.

ARMY RDT&E COST ANALYSIS (R3)

May 2009

BUDGET ACTIVITY			PE NUMBER AND TITLE							PROJECT		
7 - Operational system development			0303140A - Information Systems Security Program							501		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
FY2010 CORE:ACES Software enhancements & support	C/T&M	SYPRIS, Tampa, FL	22543	320	1-2Q	385	1-2Q	650	1-2Q	Cont.	Cont.	
Software development/Upgrade	C/T&M	ISS, Tinton Falls, NJ	5679								5679	
Electronic Key Management Sys (EKMS)	MIPR	Navy, Washington	3900								3900	
FY2010 CORE:Software Support	CPFF	SAIC, San Diego, CA	958	238	1-2Q	253	1-2Q	640	1-2Q	Cont.	Cont.	
Subtotal:			33080	558		638		1290		Cont.	Cont.	
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:												
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
FY2010 Core: Testing	MIPR	SPAWAR, San Diego, CA	300	50	2Q	50	2Q	150	2-3Q	Cont.	Cont.	
Subtotal:			300	50		50		150		Cont.	Cont.	
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Contractor Engineering	C/T&M	TELOS System	154								154	

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BUDGET ACTIVITY			PE NUMBER AND TITLE								PROJECT	
7 - Operational system development			0303140A - Information Systems Security Program								501	
		Integration, Ashburn, VA										
FY2010 Core: Government Engineering	MIPR	CECOM, Fort Monmouth, NJ	2349	325	2-3Q	335	2-3Q	444	2-3Q	Cont.	Cont.	
Subtotal:			2503	325		335		444		Cont.	Cont.	
Project Total Cost:			35883	933		1023		1884		Cont.	Cont.	

Schedule Detail (R4a Exhibit)

May 2009

BUDGET ACTIVITY		PE NUMBER AND TITLE						PROJECT
7 - Operational system development		0303140A - Information Systems Security Program						501
<u>Schedule Detail</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>
LOCAL COMSEC MANAGEMENT SOFTWARE (LCMS) - S/W Release 5.0.3/5.1 (FY2010 CORE)	1Q - 4Q	1Q - 4Q	1Q - 3Q					
LCMS Hardware Refresh (FY2010 CORE)		4Q	1Q - 2Q					
AUTOMATED COMMUNICATION ENGINEERING SYSTEM (ACES) S/W v1.9	1Q - 4Q	1Q						
ACES S/W v2.0 (FY2010 CORE)		1Q - 4Q	1Q					
ACES Block III/Future Upgrades (FY2010 CORE)			1Q - 4Q					
ACES Hardware Refresh (FY2010 CORE)			3Q - 4Q					
ACES PDSS/PPSS Software Support				1Q - 4Q				
SIMPLE KEY LOADER (SKL) (Tier 3) Hardware Production/Fielding (FY2010 CORE)	1Q - 4Q	1Q - 4Q	1Q - 4Q	1Q - 4Q	1Q - 4Q	1Q - 4Q	1Q - 4Q	1Q - 4Q
SKL S/W v5.0	1Q - 4Q							
SKL S/W v6.0 (FY2010 CORE)		1Q - 4Q	1Q					
Future SKL Block Upgrades (FY2010 CORE)			1Q - 4Q					
COALITION JOINT SPECTRUM MANAGEMENT PLANNING TOOL (CJSMPT)	1Q - 2Q							
	2Q - 4Q	1Q - 4Q						
CJSMPT Deployment/Training/Fielding (FY2010 CORE)			1Q - 4Q					
CJSMPT Transition to DISA (FY2010 CORE)			4Q					

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BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0303140A - Information Systems Security Program			PROJECT 50B	
COST (In Thousands)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	Cost to Complete	Total Cost
50B BIOMETRICS	34305	28735	49567	Continuing	Continuing

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 throughout DoD; (2) provide identity dominance, protection and management through integrated joint biometric programs; and, (3) establish and maintain an authoritative biometric data source in order 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) biometrics, supports the development standards and performance measures, provides biometric repository support as required; and, provides technical implementation and integration to DoD Biometrics. The BTF sustains 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 FY10, PM Biometrics funding is reported under Project 5PM.

<u>Accomplishments/Planned Program:</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Base. FY2008 accomplished the execution of Multi-National Coalition-Iraq (NMC-I) tactical matching project that confirmed and quantified the technical ability of the current Biometric Automated Toolset (BAT)/Hand-held Interagency Identity Detection Equipment (HIIDE) system to match covert images. Initiated development of the Identification-based Decision Processes to Ensure Confident Transaction (IDProTECT) or the friendly forces biometric repository. Completed testing of 32 biometric products for functionality and standards conformance to facilitate interoperability for shared data across DoD. This effort had a profound effect on industry with regard to the development of biometric capabilities that better suit the needs of DoD and created better relations between key members of DoD and Other Government Agencies (OGA). Increased DoD's capability to store, match and share biometric data by accessing the 3 million plus records and coordinate with the Test Resource Management Center for Development Test (DT)/Operational Test (OT) biometrics test bed. FY2009/2010 efforts will continue to support biometric capabilities that include new/emerging technologies and modalities to support the Warfighter and Interagency operations. Provides for development of new matching algorithms, software enhancements, equipment design, data storage technology, matching capabilities, and exploitation.	12834	26835	47347
Overseas Contingency Operation (OCO). FY2008 and FY2009: (PM Biometrics Project 5PM) 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.	21471	1900	2220

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

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BUDGET ACTIVITY 7 - Operational system development	PE NUMBER AND TITLE 0303140A - Information Systems Security Program	PROJECT 50B
Total	34305	28735 49567

<u>B. Other Program Funding Summary</u>	FY 2008	FY 2009	FY 2010	To Compl	Total Cost
TA0600 - Information Systems Security Program	2878	5354		Continuing	Continuing
432144 - Operations and Maintenance Army	10664	12770	13461	Continuing	Continuing
135197 - Operations and Maintenance Army	234044	213900	148318		596262

Comment:

C. Acquisition Strategy The objective of this project is to develop biometric systems that interoperate to provide and/or verify the identities of persons of interest; a major component of this is the next generation DoD Automated Biometrics Identification System (ABIS) that will be managed at the enterprise level. ABIS currently provides a biometric matching capability that can identify national security threats in support of the Global War on Terrorism for a variety of functions. Primary focus for FY06 was to establish the biometrics program of record and develop a framework for leveraging technologies and processes to facilitate better sharing of biometric data on persons of interest collected and forwarded to other DoD agencies and to develop a biometric implementation strategy for Homeland Security Presidential Directive (HSPD)-12. The program will also continue to support the testing and evaluation of products and other analysis and evaluation of applicable technologies, as well as finalize and synthesize an interoperable biometric enterprise approach. FY09 and beyond will continue to support technology insertion, prototype test and evaluation activities, integration of biometric devices and systems used for biometric data collection and processing, physical access, logical access, identity proofing, intelligence exploitation, and law enforcement.

ARMY RDT&E COST ANALYSIS (R3)

May 2009

BUDGET ACTIVITY			PE NUMBER AND TITLE							PROJECT		
7 - Operational system development			0303140A - Information Systems Security Program							50B		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Enterprise Development	Various	Various	72045	34305	1-4Q	28735	1-2Q	49567	1-2Q	Cont.	Cont.	Cont.
Subtotal:			72045	34305		28735		49567		Cont.	Cont.	Cont.

Remarks: Milestone B Activities scheduled for 4Q FY10
EMD efforts scheduled to begin following MS B decision

II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
N/A												
Subtotal:												

III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
N/A												
Subtotal:												

IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	FY 2010 Cost	FY 2010 Award Date	Cost To Complete	Total Cost	Target Value of Contract
N/A												
Subtotal:												

ARMY RDT&E COST ANALYSIS (R3)

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BUDGET ACTIVITY

7 - Operational system development

PE NUMBER AND TITLE

0303140A - Information Systems Security Program

PROJECT

50B

Project Total Cost:

72045

34305

28735

49567

Cont.

Cont.

Cont.

Schedule Profile (R4 Exhibit)

May 2009

BUDGET ACTIVITY
7 - Operational system development

PE NUMBER AND TITLE
0303140A - Information Systems Security Program

PROJECT
50B

Event Name	FY 08				FY 09				FY 10				FY 11				FY 12				FY 13				FY 14				FY 15			
	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	1	2	3	4
	 																															

Schedule Detail (R4a Exhibit)

May 2009

BUDGET ACTIVITY 7 - Operational system development		PE NUMBER AND TITLE 0303140A - Information Systems Security Program					PROJECT 50B	
<u>Schedule Detail</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>
	4Q							
		1Q - 4Q	1Q - 4Q					

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