Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Defense Security Service										DATE: February 2011	
APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*						**R-1 ITEM NOMENCLATURE** PE 0604130V: *Enterprise Security System*					
COST ($ in Millions)	**FY 2010**	**FY 2011**	**FY 2012 Base**	**FY 2012 OCO**	**FY 2012 Total**	**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**Cost To Complete**	**Total Cost**
Total Program Element	1.376	5.522	8.706	-	8.706	7.007	6.019	6.115	6.299	Continuing	Continuing
000: *Enterprise Security System*	1.376	5.522	8.706	-	8.706	7.007	6.019	6.115	6.299	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Defense Security Service (DSS) manages the Enterprise Security System (ESS) to provide an effective, real-time, security support capability for the Military Departments, DoD Agencies, the National Industrial Security Program, and other Federal Agencies. In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, ESS is the unified offering of security mission systems which facilitate and automate improved national investigative and adjudicative standards, streamline security processes, and increase DoD community collaboration.

DSS Information Technology (IT) systems provide service critical to three major mission areas: Personnel Security; Industrial Security; and Security Education. DSS performs this critical function through operation of its production systems named the Enterprise Security System (ESS): the Industrial Security Facilities Database (ISFD); the DSS Gateway; and the Electronic Network Registration and Online Learning system (ENROL).

B. Program Change Summary ($ in Millions)

	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	1.376	5.522	8.720	-	8.720
Current President's Budget	1.376	5.522	8.706	-	8.706
Total Adjustments	-	-	-0.014	-	-0.014
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Fiscal Guidance	-	-	-0.014	-	-0.014

Exhibit R-2A, RDT&E Project Justification: PB 2012 Defense Security Service		DATE: February 2011

APPROPRIATION/BUDGET ACTIVITY 0400: *Research, Development, Test & Evaluation, Defense-Wide* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0604130V: *Enterprise Security System*	PROJECT 000: *Enterprise Security System*

COST ($ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
000: *Enterprise Security System*	1.376	5.522	8.706	-	8.706	7.007	6.019	6.115	6.299	Continuing	Continuing
Quantity of RDT&E Articles											

A. Mission Description and Budget Item Justification

The Defense Security Service (DSS) manages the Enterprise Security System (ESS) to provide an effective, real-time, security support capability for the Military Departments, DoD Agencies, the National Industrial Security Program, and other Federal Agencies. In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, ESS is the unified offering of security mission systems which facilitate and automate improved national investigative and adjudicative standards, streamline security processes, and increase DoD community collaboration.

DSS Information Technology (IT) systems provide service critical to three major mission areas: Personnel Security; Industrial Security; and Security Education. DSS performs this critical function through operation of its production systems named the Enterprise Security System (ESS): the Industrial Security Facilities Database (ISFD); the DSS Gateway; and the Electronic Network Registration and Online Learning system (ENROL).

B. Accomplishments/Planned Programs ($ in Millions)	FY 2010	FY 2011	FY 2012
Title: Systems Enhancement *Description:* RDT&E for ESS primarily includes pre-planned product improvements (P3I) to the ESS applications, researching and improving assured information sharing, better posturing systems and networks against vulnerabilities, ensuring self defense of systems and networks, and safeguarding data at all stages. These enhancements will permit DSS OCIO to increase the efficiency, capabilities, and security of the ESS Applications. *FY 2010 Accomplishments:* Accomplishments include functional transfer of resources to Defense Human Resources Agency (DHRA), Defense Manpower Data Center (DMDC) to support the following legacy systems: the Joint Personnel System (JPAS), Defense Central Index of Investigations (DCII), Secure Web Fingerprint Transmission (SWFT) and the Improved Investigative Records Repository (iIRR). Accomplishments include completion of an analysis of the Joint Personnel Adjudication System (JPAS) system architecture and design, hardware/infrastructure configuration, database design, disaster recovery viability and information assurance/data integrity posture. Implemented required Agency Use block codes to reflect requirements for extra coverage and federal investigations processing center codes for special processing needs of the eQIP and a collaborative adjudication facility designation for the National Geospatial Intelligence Agency (NGA) to input adjudicative decisions on NGA personnel. Established a DCII Batch Query Interface that will allow the Army CAF's system (CATS) to query investigative information for personnel records. Also, the first phase of a Secure Web Fingerprint Transmission (SWFT) Pilot Program was completed allowing designated customers to enter demographic information, upload electronic fingerprint images, store, and forward via secure web; an interface to exchange	1.376	5.522	8.706

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B. Accomplishments/Planned Programs ($ in Millions)	**FY 2010**	**FY 2011**	**FY 2012**

data with the Joint Reform Teams Case Adjudication Tracking Systems (CATS). In Progress Activities includes the ability to collect facility security information on facilities with foreign ownership control and influence via the eFOCI database; develop user and system requirements for the next generation ISFD, and develop the Business Management System (BMS) which is required to improve DSS Office of the Designated Approval Authority (ODAA) business processes for the management of contractor information systems within the National Industrial Security Program (NISPOM).

FY 2011 Plans:
In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, ESS is the unified offering of security mission systems which facilitate and automate improved national investigative and adjudicative standards, streamline security processes, and increase DoD community collaboration. ESS RDT&E enhancements are needed to support the decrease in investigation timeline, safeguard systems and data, and keep the ESS applications compliant with statutory and regulatory requirements.

Enhancements primarily are pre-planned product improvements (P31) to the ESS applications, researching and improving assured information sharing, better posturing systems and networks against vulnerabilities, ensuring self defense of systems and networks, and safeguarding data at all stages.

These enhancements will permit DSS OCIO to increase efficiency, capabilities, and security of the ESS Applications. Pre-Planned Product Improvements (P3I) to the ESS Applications, as well as securing the ESS through Assured Information Sharing, Highly Available Enterprise, Cyber-Situational Awareness and Network Defense, and Assured Enterprise Management and Control will be accomplished. DSS will be able to meet the new DOD mandate for Controlled Unclassified Information (CUI).

FY 2012 Plans:
In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, ESS is the unified offering of security mission systems which facilitate and automate improved national investigative and adjudicative standards, streamline security processes, and increase DoD community collaboration. Enhancements are needed to support the decrease in investigation timeline, safeguard systems and data, and keep the ESS applications compliant with statutory and regulatory requirements. Enhancements include pre-planned product improvements (P3I) to the ESS applications, researching and improving assured information sharing, better posturing systems and networks against vulnerabilities, ensuring self defense of systems and networks, and safeguarding data at all stages. These enhancements will permit DSS OCIO to increase the efficiency, capabilities, and security of the ESS Applications.   Pre-Planned Product Improvements (P3I) to the ESS Applications, as well as securing the ESS through Assured Information Sharing, Highly Available

Exhibit R-2A, **RDT&E Project Justification:** PB 2012 Defense Security Service		**DATE:** February 2011
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B. Accomplishments/Planned Programs ($ in Millions)	**FY 2010**	**FY 2011**	**FY 2012**
Enterprise, Cyber-Situational Awareness and Network Defense, and Assured Enterprise Management and Control will be accomplished. DSS will be able to meet the new DoD mandate for Controlled Unclassified Information (CUI).			
Accomplishments/Planned Programs Subtotals	1.376	5.522	8.706

C. Other Program Funding Summary ($ in Millions)

  N/A

D. Acquisition Strategy

  DSS awarded an Enterprise Security System (ESS) Development Blanket Purchase Agreement (BPA) in February 2008. Enhancements to the ESS applications will be issued as Task Orders under this BPA.

E. Performance Metrics

  N/A

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2012 Defense Security Service | **DATE:** February 2011

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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2011 Cost	FY 2011 Award Date	FY 2012 Base Cost	FY 2012 Base Award Date	FY 2012 OCO Cost	FY 2012 OCO Award Date	FY 2012 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Enterprise Security System	C/BPA	SAIC, Northrop Grumman, EDS:Herndon, VA and Columbia, MD	13.578	5.522		8.706		-		8.706	Continuing	Continuing	Continuing
Subtotal			13.578	5.522		8.706		-		8.706			

Remarks
  Total PY & FY Costs exceeds funding profile in some FYs due to use of PY RDT&E to fund current year requirements. Specific Task Orders to be issued on DSS Development BPA are TBD.

	Total Prior Years Cost	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	13.578	5.522	8.706	-	8.706			

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2012 Defense Security Service		**DATE:** February 2011
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Exhibit R-4A, **RDT&E Schedule Details:** PB 2012 Defense Security Service		**DATE:** February 2011
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Functional Transfer- Transfer of resources to Defense Human Resources Agency (DHRA), Defense manpower Data Center (DMDC) to support several enduring legacy systems.	1	2010	4	2010
Compliance- ESS is the unified offering of security mission systems which facilitate and automate improved national investigative standards.	1	2010	4	2012