

**Exhibit R-2, RDT&E Budget Item Justification**

Date: February 2008

Appropriation/Budget Activity  
RDT&E, Defense-wide BA 5

R-1 Item Nomenclature: R&D in Support of Defense Enrollment Eligibility Reporting System,  
0605021SE

Cost (\$ in millions)		FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Total PE Cost		0	1.789	0.400	0.400	0.400	0.400	0.400
Project 4: Defense Enrollment Eligibility Reporting System		0	1.789	0.400	0.400	0.400	0.400	0.400

**A. Mission Description and Budget Item Justification:** The Department of Defense Human Resources Activity (DHRA) is a DoD-wide Field Activity chartered to support the Under Secretary of Defense for Personnel and Readiness (USD (P&R)). This PE includes application of R&D to expedite prototype development and mission support efforts for DoD implementation of Homeland Security Presidential Directive – 12 (HSPD-12). HSPD-12 is a Presidential mandate that directs common, interoperable, secure identity credentials across the Federal Government, with the same card appearance and proofing and vetting processes. HSPD-12 directs that all access, both physical and logical, be rapidly electronically authenticated. This requires that a chain-of-trust be established for clear, documented, and auditable standards and rules dealing with identity proofing, vetting, authentication, authorization, privacy protection, timely revocation, and use of biometrics, to confirm identity credentials, both for our employees, military members, and industry partners. Integration of these disparate components has not been accomplished and requires the development of new technology and database access at a level not heretofore fielded within the Department or across the Federal Enterprise. At successful completion, this will improve security, improve business processes, and promote sustainable interoperability among Department of Defense and Federal agencies. Inter-governmental and inter-jurisdictional coordination is essential to ensure effective prevention of, protection from, response to, and recovery from natural and manmade disasters, including acts of terrorism, whether within the US, or across our bases and stations world-wide. Credentialing of NCR-based Federal executive branch emergency response personnel in accordance with the requirements of Homeland Security Presidential Directive – 12 requires the Department to work with Regional Partners (other Federal, State, local, and tribal), to develop a process by which State and local incident commanders can identify emergency response personnel, authenticate credentials and permissions, and manage human capital. RDT&E to be applied for seamless integration of DoD specific functions into Regional response efforts.

**B. Program Change Summary:**

Change Summary Explanation: FY 2008 and FY 2009 reflect Fiscal Guidance.

	FY 2007	FY 2008	FY 2009	FY 2010
Previous President's Budget		1.800	.400	.400
Current BES/President's Budget	0	1.789	.400	.400
Total Adjustments		-0.011	0	0
Congressional Adjustments				
Program Adjustments		-0.011	0	0

**C. Other Program Funding Summary:** not applicable

**D. Acquisition Strategy:** Existing contract vehicles in place/GSA for COTS

**E. Performance Metrics:**

FY 2008

At least 3 interfaces with joint/national law enforcement/biometric databases

At least 2 interfaces with Service specific databases

Complete Proof of Concept for Visitor Vetting

FY 2009

Field a handheld with biometric contact/contactless technology to support the First Responder Project

Publish CONOPS for Continuity of Operations (COOP)

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**Exhibit R-2**

**Exhibit R-2a, RDT&E Project Justification**

Date: February 2008

Appropriation/Budget Activity RDT&E, Defense-wide BA 5	Project Name and Number – Defense Human Resources Activity, Project 1
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Cost (\$ in millions)	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013
Project 4: Defense Enrollment Eligibility Reporting System	0	1.789	0.400	0.400	0.400	0.400	0.400
RDT&E Articles Quantity – N/A							

**A. Mission Description and Budget Item Justification:** HSPD-12 requires rapid electronic authentication for all DoD Government employees, uniformed individuals and contractors. The Defense Enrollment and Eligibility System will provide enterprise capability for the cardholder data repository, common access interface to multiple types of access control hardware, common access software, the ability to control access to multiple facilities through one authoritative data source, and provide the standards and data to/for manpower efficient gates. Implement enterprise access control data for the DoD while providing standards and reducing redundancy. RDT&E funding will be expended to develop the secure interfaces necessary to work with the FBI and first responders for enterprise authentication. Many systems support different aspects of electronic authentication across the Department of Defense. RDT&E will allow for the pursuit of a potential solution that will interface disparate applications/systems. This will increase Government efficiency by rapidly verifying *electronically* the identity of an individual and can be used by many applications, reduce identity fraud, protect privacy by limiting information stored, and increase privacy processes to maintain access controls, thereby facilitating identification of first responders.

**B. Accomplishments/Planned Program:**

	FY 2007	FY 2008	FY 2009	FY 2010
Accomplishment/ Effort/Subtotal Cost	0	1.789	0.400	0.400
RDT&E Articles Quantity – N/A				

**[Specific accomplishments for 08/09]**

DEERS/HSPD-12

- Direct interfaces with joint law enforcement biometric databases, such as NCIC, watchlists, Red Force databases, (ABIS), to include interfaces to receive BOLOs from local or national sources
  - Proof of Concept for a wholly new application of data mining for forensics to increase data sharing
  - Capability to pre-register at a disaster site with a handheld device and allowing integration into secure wireless network infrastructure, using a virtual perimeter, as well as registering 'out' upon leaving a disaster area for accountability purposes
  - Work toward interfacing credentials from various agencies
  - Work toward interfacing disparate systems/applications across the DoD
  - Create an unknown visitor vetting capability
  - Integrate with service-specific law enforcement databases, e.g. Navy Criminal Investigative Service (NCIS), Security Forces Management Information System (SFMIS), Consolidated Law Enforcement Operations Center (CLEOC)
  - Leverage DBIDS infrastructure, (handheld) in the first responder project
  - Research a feasibility study of integrating identity management technologies with DHS, State, and others for programs such as e-Passport, Real-ID, Western Hemisphere travel card, and Transportation Security Administration (TSA)'s trusted traveler program
  - Establish benchmarks for technology base support for Continuity of Operations (COOP)
- Continue research and development of:
- Meeting the mandatory requirements of the Presidential Directive
  - Integrating with FBI and Defense biometric identification systems to provide real time authentication against criminal and terrorist watch lists
  - Tracking changes in personnel status and aid in criminal investigations
  - Verifying visitor identity/authorization

Exhibit R-2a, RDT&E Project Justification

Date: February 2008

Appropriation/Budget Activity  
RDT&E, Defense-wide BA 5

Project Name and Number –  
Defense Human Resources Activity, Project 1

**B. Accomplishments/Planned Program Continued:**

DEERS/HSPD-12

Continue research and development of:

- Providing security personnel notices on persons of interest attempting to access facilities and increased personnel protection and policy compliance
- Providing immediate authentication of emergency essential personnel
- Providing an interface among disparate applications/systems across the DoD

**C. Other Program Funding Summary:** not applicable

**D. Acquisition Strategy:** Existing contract vehicles in place/GSA for COTS

**E. Major Performers:**

FFRDCs: none

		(Amount: \$ in Millions)			
<u>Contractors:</u>	<u>Location:</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY2009</u>	<u>FY2010</u>
	<u>Description</u>	0	0	0	0
	<u>Of Work:</u>				
	<u>Award Date:</u>				

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