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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 DoD Human Resources Activity **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 5: <i>Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0605021SE: <i>Homeland Personnel Security Directive (HSPD-12) Initiative</i>
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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
Total Program Element	0.399	0.393	0.391	0.000	0.391	0.389	0.388	0.387	0.387	Continuing	Continuing
Project 1: <i>Defense Enrollment Eligibility Reporting System</i>	0.399	0.393	0.391	0.000	0.391	0.389	0.388	0.387	0.387	Continuing	Continuing

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.

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B. Program Change Summary (\$ in Millions)

	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011 Base</u>	<u>FY 2011 OCO</u>	<u>FY 2011 Total</u>
Previous President's Budget	0.400	0.395	0.000	0.000	0.000
Current President's Budget	0.399	0.393	0.391	0.000	0.391
Total Adjustments	-0.001	-0.002	0.391	0.000	0.391
• Congressional General Reductions		-0.002			
• 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	-0.001	0.000			
• Homeland Personnel Security Directive (HSPD-12) Initiative	0.000	0.000	0.391	0.000	0.391

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Exhibit R-2A, RDT&E Project Justification: PB 2011 DoD Human Resources Activity **DATE:** February 2010

APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE				PROJECT			
0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 5: <i>Development & Demonstration (SDD)</i>				PE 0605021SE: <i>Homeland Personnel Security Directive (HSPD-12) Initiative</i>				Project 1: <i>Defense Enrollment Eligibility Reporting System</i>			
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
Project 1: <i>Defense Enrollment Eligibility Reporting System</i>	0.399	0.393	0.391	0.000	0.391	0.389	0.388	0.387	0.387	Continuing	Continuing
Quantity of RDT&E Articles											

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. 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 (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Defense Enrollment Eligibility Reporting System/HSPD-12 <i>FY 2009 Accomplishments:</i> <ul style="list-style-type: none"> • Direct interfaces with joint law enforcement biometric databases, such as NCIC, watchlists, Red Force databases, (ABIS), to include interfaces to receive "Be On the Look Out for" (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 	0.399	0.393	0.391	0.000	0.391

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B. Accomplishments/Planned Program (\$ in Millions)								
				FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<p><i>FY 2011 Base Plans:</i> Continue research and development of:</p> <ul style="list-style-type: none"> • 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 <p><i>FY 2011 OCO Plans:</i> Not Applicable</p>								
Accomplishments/Planned Programs Subtotals				0.399	0.393	0.391	0.000	0.391
C. Other Program Funding Summary (\$ in Millions) N/A								
D. Acquisition Strategy Existing contract vehicles in place/GSA for COTS.								
E. Performance Metrics None								

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