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**Department of Defense  
Fiscal Year (FY) 2014 President's Budget Submission**

April 2013



**DoD Human Resources Activity**

*Justification Book*

***Research, Development, Test & Evaluation, Defense-Wide***

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DoD Human Resources Activity • President's Budget Submission FY 2014 • RDT&E Program

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Department of Defense  
 FY 2014 President's Budget  
 Exhibit R-1 FY 2014 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

11 Mar 2013

Appropriation	FY 2012 (Base & OCO)	FY 2013 Base Request with CR Adj*	FY 2013 OCO Request with CR Adj*	Emergency Disaster Relief Act of 2013	FY 2013 Total Request with CR Adj*	FY 2014 Base
Research, Development, Test & Eval, DW	63,654	28,946			28,946	19,410
Total Research, Development, Test & Evaluation	63,654	28,946			28,946	19,410

R-1C: FY 2014 President's Budget (Published Version), as of March 11, 2013 at 11:41:35

\* Reflects the FY 2013 President's Budget with an undistributed adjustment to match the Annualized Continuing Resolution funding level by appropriation.

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Department of Defense  
 FY 2014 President's Budget  
 Exhibit R-1 FY 2014 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

11 Mar 2013

Summary Recap of Budget Activities	FY 2012 (Base & OCO)	FY 2013 Base Request with CR Adj*	FY 2013 OCO Request with CR Adj*	Emergency Disaster Relief Act of 2013	FY 2013 Total Request with CR Adj*	FY 2014 Base
Advanced Technology Development	13,133	12,195			12,195	12,116
System Development And Demonstration	378	387			387	386
Management Support	50,143	16,364			16,364	6,908
Total Research, Development, Test & Evaluation	63,654	28,946			28,946	19,410
Summary Recap of FYDE Programs						
Research and Development	63,654	28,946			28,946	19,410
Total Research, Development, Test & Evaluation	63,654	28,946			28,946	19,410

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Defense-Wide  
 FY 2014 President's Budget  
 Exhibit R-1 FY 2014 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

11 Mar 2013

Summary Recap of Budget Activities	FY 2012 (Base & OCO)	FY 2013 Base Request with CR Adj*	FY 2013 OCO Request with CR Adj*	Emergency Disaster Relief Act of 2013	FY 2013 Total Request with CR Adj*	FY 2014 Base
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Defense-Wide  
 FY 2014 President's Budget  
 Exhibit R-1 FY 2014 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

11 Mar 2013

Appropriation	FY 2012 (Base & OCO)	FY 2013 Base Request with CR Adj*	FY 2013 OCO Request with CR Adj*	Emergency Disaster Relief Act of 2013	FY 2013 Total Request with CR Adj*	FY 2014 Base
Defense Human Resources Activity	63,654	28,946			28,946	19,410
Total Research, Development, Test & Evaluation	63,654	28,946			28,946	19,410

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Defense-Wide  
 FY 2014 President's Budget  
 Exhibit R-1 FY 2014 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

11 Mar 2013

Appropriation: 0400D Research, Development, Test &amp; Eval, DW

Line No	Program Element Number	Item	Act	FY 2012 (Base & OCO)	FY 2013 Base Request with CR Adj*	FY 2013 OCO Request with CR Adj*	Emergency Disaster Relief Act of 2013	FY 2013 Total Request with CR Adj*	FY 2014 Base	S e c
61	0603769SE	Distributed Learning Advanced Technology Development	03	13,133	12,195			12,195	12,116	U
		Advanced Technology Development		13,133	12,195			12,195	12,116	
126	0605021SE	Homeland Personnel Security Initiative	05	378	387			387	386	U
		System Development And Demonstration		378	387			387	386	
161	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	50,143	16,364			16,364	6,908	U
		Management Support		50,143	16,364			16,364	6,908	
Total Research, Development, Test & Eval, DW				63,654	28,946			28,946	19,410	

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Defense Human Resources Activity  
 FY 2014 President's Budget  
 Exhibit R-1 FY 2014 President's Budget  
 Total Obligational Authority  
 (Dollars in Thousands)

11 Mar 2013

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2012 (Base & OCO)	FY 2013 Base Request with CR Adj*	FY 2013 OCO Request with CR Adj*	Emergency Disaster Relief Act of 2013	FY 2013 Total Request with CR Adj*	FY 2014 Base	Se
61	0603769SE	Distributed Learning Advanced Technology Development	03	13,133	12,195			12,195	12,116	U
		Advanced Technology Development		13,133	12,195			12,195	12,116	
126	0605021SE	Homeland Personnel Security Initiative	05	378	387			387	386	U
		System Development And Demonstration		378	387			387	386	
161	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	50,143	16,364			16,364	6,908	U
		Management Support		50,143	16,364			16,364	6,908	
Total Defense Human Resources Activity				63,654	28,946			28,946	19,410	

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DoD Human Resources Activity • President's Budget Submission FY 2014 • RDT&E Program

**Program Element Table of Contents (by Budget Activity then Line Item Number)**

***Budget Activity 03: Advanced Technology Development (ATD)***  
***Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide***

.....

<b>Line Item</b>	<b>Budget Activity</b>	<b>Program Element Number</b>	<b>Program Element Title</b>	<b>Page</b>
61	03	0603769SE	Distributed Learning Advanced Technology Development (ADL).....	1

***Budget Activity 05: System Development & Demonstration (SDD)***  
***Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide***

.....

<b>Line Item</b>	<b>Budget Activity</b>	<b>Program Element Number</b>	<b>Program Element Title</b>	<b>Page</b>
126	05	0605021SE	Homeland Personnel Security Directive (HSPD-12) Initiative.....	7

***Budget Activity 06: RDT&E Management Support***  
***Appropriation 0400: Research, Development, Test & Evaluation, Defense-Wide***

.....

<b>Line Item</b>	<b>Budget Activity</b>	<b>Program Element Number</b>	<b>Program Element Title</b>	<b>Page</b>
161	06	0605803SE	R&D in Support of DOD Enlistment, Testing and Evaluation .....	11

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DoD Human Resources Activity • President's Budget Submission FY 2014 • RDT&E Program

**Program Element Table of Contents (Alphabetically by Program Element Title)**

<b>Program Element Title</b>	<b>Program Element Number</b>	<b>Line Item</b>	<b>Budget Activity</b>	<b>Page</b>
Distributed Learning Advanced Technology Development (ADL)	0603769SE	61	03.....	1
Homeland Personnel Security Directive (HSPD-12) Initiative	0605021SE	126	05.....	7
R&D in Support of DOD Enlistment, Testing and Evaluation	0605803SE	161	06.....	11

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 3: <i>Advanced Technology Development (ATD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603769SE: <i>Distributed Learning Advanced Technology Development (ADL)</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	13.915	13.133	12.195	12.116	-	12.116	12.090	12.303	12.303	12.303	Continuing	Continuing
Project 1: <i>Advanced Distributed Learning</i>	13.915	13.133	12.195	12.116	-	12.116	12.090	12.303	12.303	12.303	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**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)).

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)). Advanced Distributed Learning (ADL) Initiative:

This program develops the technologies to make learning and performance support available to service members, anytime, anywhere. The ADL Initiative concept enables the ability to migrate online learning content to multiple hardware and software applications using the Sharable Content Object Reference Model (SCORM®) standard. It has become the defacto standard and is moving through international bodies for global accreditation; its use is mandatory throughout the Department of Defense (DoD) through (Instruction 1322.26). The program develops and maintains US and international partnerships with public education, vocational training, and lifelong learning programs. Policy oversight is managed by the Office of the Deputy Assistant Secretary of Defense/Readiness (Training Readiness and Strategy). Current research is on an advanced concept for the purpose of development of a Personal Learning Assistant (PLA) that will provide training and learning to promote adaptability and agility in the workforce with the capability to tailor and adapt instructional material to fit the learners' strength and weaknesses, learning style, and level of proficiency.

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 3: <i>Advanced Technology Development (ATD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603769SE: <i>Distributed Learning Advanced Technology Development (ADL)</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b><u>FY 2012</u></b>	<b><u>FY 2013</u></b>	<b><u>FY 2014 Base</u></b>	<b><u>FY 2014 OCO</u></b>	<b><u>FY 2014 Total</u></b>
Previous President's Budget	13.579	12.195	12.116	-	12.116
Current President's Budget	13.133	12.195	12.116	-	12.116
Total Adjustments	-0.446	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.446	-			



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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 3: <i>Advanced Technology Development (ATD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603769SE: <i>Distributed Learning</i> <i>Advanced Technology Development (ADL)</i>	<b>PROJECT</b> Project 1: <i>Advanced Distributed Learning</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 1: <i>Advanced Distributed Learning</i>	13.915	13.133	12.195	12.116	-	12.116	12.090	12.303	12.303	12.303	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**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)).

Advanced Distributed Learning (ADL) Initiative: This program develops the technologies to make learning and performance support available to service members, anytime, anywhere. The ADL concept enables the ability to migrate online learning content to multiple hardware and software applications using the Sharable Content Object Reference Model (SCORM®) standard. It has become the defacto standard and is moving through international bodies for global accreditation; its use is mandatory throughout the Department of Defense (DoD) through (Instruction 1322.26). The program develops and maintains US and international partnerships with public education, vocational training, and lifelong learning programs. Policy oversight is managed by the Office of the Deputy Assistant Secretary of Defense/Readiness (Training Readiness and Strategy). Current research is on an advanced concept for the purpose of development of a Personal Learning Assistant (PLA) that will provide training and learning to promote adaptability and agility in the workforce with the capability to tailor and adapt instructional material to fit the learners' strength and weaknesses, learning style, and level of proficiency.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<b>Title:</b> Advanced Distributed Learning	13.133	12.195	12.116
<b>Description:</b> 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)). HSPD-12 requires rapid electronic authentication for all Government employees, uniformed individuals and contractors.			
<b>FY 2012 Accomplishments:</b>			
<ul style="list-style-type: none"> <li>• Publish research articles in leading professional journals on the effectiveness of online learning compared to classroom training;</li> <li>• Research new learning technologies for possible integration into DoD educational and training programs to include the ergonomic integration of less-invasive, human-computer devices within a training environment and structured learning content schemas and transformation technologies that can modularize content, enhance semantic understanding, and improve the prospects for reuse;</li> <li>• Test advanced instructional methods using intelligent tutors for training;</li> </ul>			

PE 0603769SE: *Distributed Learning Advanced Technology*  
*Developme...*

DoD Human Resources Activity

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2014 DoD Human Resources Activity	<b>DATE:</b> April 2013
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 3: <i>Advanced Technology Development (ATD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0603769SE: <i>Distributed Learning</i> <i>Advanced Technology Development (ADL)</i>	<b>PROJECT</b> Project 1: <i>Advanced Distributed Learning</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2012	FY 2013	FY 2014
<ul style="list-style-type: none"> <li>• Establish advanced concept research and prototypes for the Next Generation SCORM standard.</li> </ul> <p><b><i>FY 2013 Plans:</i></b></p> <ul style="list-style-type: none"> <li>• Research new learning technologies for possible integration into DoD educational and training programs to include innovative methodologies and approaches to using Social Networking for solving problems in collaborative, disparate environments in a manner that improves learning outcomes and demonstrate the application of the spacing effect using current mobile technologies to reinforce learning and improve long-term retention.</li> <li>• Continue to test advanced instructional methods for intelligent tutors for training;</li> <li>• Continue research on advanced concept research on the next generation learning environment.</li> </ul> <p><b><i>FY 2014 Plans:</i></b></p> <ul style="list-style-type: none"> <li>• Continue to publish research articles in leading professional journals on the effectiveness of online learning compared to classroom training;</li> <li>• Continue to research new learning technologies for possible integration into DoD educational and training programs to include persistent, open independent Learner Models with reasoning capability that incorporate new methods of machine learning, common sense reasoning, cognitive modeling, and/or artificial intelligence, the use of intelligent systems designed to increase both cognitive adaptability and emotional resiliency and domain independent intelligent system design.</li> <li>• Continue to test advanced instructional methods using intelligent tutors for training;</li> <li>• Continue research on advanced concept research on the next generation learning environment.</li> </ul>			
<b>Accomplishments/Planned Programs Subtotals</b>	13.133	12.195	12.116

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

Not Required.

**E. Performance Metrics**

In FY2013, conduct research for the purpose of exploring the application of new and emerging educational and training technologies for development of a capability by which learners have access to effective, personalized learning content and/or job performance aids that are presented in a format suitable for their preferences and can be accessed from multiple devices/platforms. Prototype an Intelligent Tutor to assess the validity, scalability, exportability and affordability of DARPA's "Education Dominance" program incorporating the processes utilized for Education Dominance and generalize them into mathematics to be applied to DoDEA schools curriculum

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b>	<b>R-1 ITEM NOMENCLATURE</b>	<b>PROJECT</b>
0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 3: <i>Advanced Technology Development (ATD)</i>	PE 0603769SE: <i>Distributed Learning</i> <i>Advanced Technology Development (ADL)</i>	Project 1: <i>Advanced Distributed Learning</i>

with the intent to determine the utilization of this technology across DoD and as a step toward the more comprehensive PLA. Metrics include, but are not limited to; Scalability, Generalizability, and Affordability as defined below:

- Scalability – Usable across the Department of Defense (DoD) and other federal agencies.
- Generalizability – Built on a framework that can be used as a basis to provide this capability for any topic.
- Affordability – Reasonably priced solution to enable wide spread use.

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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 5: <i>System Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605021SE: <i>Homeland Personnel Security Directive (HSPD-12) Initiative</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	0.378	0.378	0.387	0.386	-	0.386	0.386	0.393	0.393	0.393	Continuing	Continuing
Project 1: <i>Defense Enrollment Eligibility Reporting System</i>	0.378	0.378	0.387	0.386	-	0.386	0.386	0.393	0.393	0.393	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**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)). HSPD-12 requires rapid electronic authentication for all 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 form and power 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. Program Change Summary (\$ in Millions)**

	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014 Base</u>	<u>FY 2014 OCO</u>	<u>FY 2014 Total</u>
Previous President's Budget	0.389	0.387	0.386	-	0.386
Current President's Budget	0.378	0.387	0.386	-	0.386
Total Adjustments	-0.011	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.011	-			

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 5: <i>System Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605021SE: <i>Homeland Personnel Security Directive (HSPD-12) Initiative</i>	<b>PROJECT</b> Project 1: <i>Defense Enrollment Eligibility Reporting System</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 1: <i>Defense Enrollment Eligibility Reporting System</i>	0.378	0.378	0.387	0.386	-	0.386	0.386	0.393	0.393	0.393	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**A. Mission Description and Budget Item Justification**

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**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<b>Title:</b> Defense Enrollment Eligibility Reporting System/HSPD-12	0.378	0.387	0.386
<b>Description:</b> 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)). HSPD-12 requires rapid electronic authentication for all Government employees, uniformed individuals and contractors.			
<b>FY 2012 Accomplishments:</b> Continue research and development of: <ul style="list-style-type: none"> <li>• Providing security personnel notices on persons of interest attempting to Access facilities and increased personnel protection and policy compliance</li> <li>• Providing immediate authentication of emergency essential personnel</li> <li>• Providing an interface among disparate applications/systems across the DoD</li> </ul>			
<b>FY 2013 Plans:</b> Continue research and development of:			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2014 DoD Human Resources Activity		<b>DATE:</b> April 2013		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 5: <i>System Development &amp; Demonstration (SDD)</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605021SE: <i>Homeland Personnel Security Directive (HSPD-12) Initiative</i>	<b>PROJECT</b> Project 1: <i>Defense Enrollment Eligibility Reporting System</i>		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>
<ul style="list-style-type: none"> <li>• Providing security personnel notices on persons of interest attempting to Access facilities and increased personnel protection and policy compliance</li> <li>• Providing immediate authentication of emergency essential personnel</li> </ul> <p><b>FY 2014 Plans:</b></p> <ul style="list-style-type: none"> <li>• Mechanisms for the interoperability of federal PIV credentials to facilitate electronic verification and facility access determinations.</li> <li>• Integration of authoritative external data sources into the electronic access determination process to improve total assurance and fitness of requesting individual.</li> <li>• Risk model for the incorporation of mechanisms to support PIV-I credentials for electronic verification and access.</li> </ul>				
<b>Accomplishments/Planned Programs Subtotals</b>		0.378	0.387	0.386
<b>C. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
<b>D. Acquisition Strategy</b>				
Existing contract vehicles in place/GSA for COTS.				
<b>E. Performance Metrics</b>				
None				





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**Exhibit R-2, RDT&E Budget Item Justification: PB 2014 DoD Human Resources Activity** **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	64.408	50.143	16.364	6.908	-	6.908	6.195	5.788	6.066	6.066	Continuing	Continuing
Project 1 : <i>Joint Service Training &amp; Readiness System Development</i>	4.264	4.165	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Project 2: <i>Defense Training Resource Analysis</i>	3.403	3.319	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Project 3: <i>DoD Enlistment Processing &amp; Testing</i>	2.077	2.035	1.054	0.381	-	0.381	0.807	1.235	1.261	1.261	Continuing	Continuing
Project 4: <i>Federal Voting Assistance Program</i>	38.845	27.476	9.692	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Project 5: <i>Human Resources Automation Enhancements</i>	8.855	6.772	1.312	2.831	-	2.831	2.833	1.868	2.873	2.873	Continuing	Continuing
Project 6: <i>Sexual Assault Prevention and Response Office</i>	6.964	4.980	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Project 7: <i>Global Force Mgmt Data Initiative</i>	0.000	1.396	0.608	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Project 8: <i>NEO Tracking System</i>	0.000	0.000	0.761	0.759	-	0.759	0.629	0.758	0.000	0.000	Continuing	Continuing
Project 9: <i>Synchronized Pre-deployment &amp; Operational Tracker Enterprise Suite</i>	0.000	0.000	2.937	2.937	-	2.937	1.926	1.927	1.932	1.932	Continuing	Continuing

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**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 to sustain and/or modernize operations required for general RDT&E.

Project 1: Joint Service Training & Readiness System Development. This program transfers to OUSD (P&R) in FY 2013.

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2014 DoD Human Resources Activity	<b>DATE:</b> April 2013
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>
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Project 2: The Defense Training Resources Analysis. This program transfers to OUSD (P&R) in FY 2013.

Project 3: DoD Enlistment Processing and Testing. The project administers testing programs, which enable the Armed Services to select highly qualified military recruits. The DoD uses a single test, the Armed Services Vocational Aptitude Battery (ASVAB), to determine eligibility of military applicants and to report recruit quality data to Congress. High quality recruits are obtained from administering the ASVAB annually to approximately 600,000 applicants for Military Service as part of the DoD Enlistment Testing program, and to 1 million students in the DoD Student Testing program. Each Service also uses ASVAB test forms developed in this program as part of their in-service testing programs. New ASVAB test forms and related support materials are implemented approximately every four years. This allows DoD to make measurement improvements as well as decrease the likelihood of test compromise. Ongoing RDT&E efforts include development and evaluation of procedures which (1) reduce or eliminate threats to the validity of the ASVAB test scores generated; (2) improve the efficiency of the test development, calibration, and validation process; and (3) improve selection and classification decisions made by each Service through more effective use of test score information. In addition, periodic assessments are required to provide DoD manpower planners and Congress with information on aptitude trends in the population from which recruits are drawn.

Project 4: Federal Voting Assistance Program. Given the agile planning and deployment flexibilities required in as dynamic a RDT&E environment as internet voting, the FY 2013 execution plan will be significantly influenced by the results of the FY2011 and FY2012 research, development, and evaluation results. However, current plans are to initiate the first two phases of the internet voting demonstration competition challenge:

- o Phase I of Internet Voting Competition Challenge: In the first phase submissions will focus on defining security, reliability, usability, and accountability requirements for internet voting systems. Submissions will be open to the public, and will be open to public critique. FVAP will review those submissions and critiques, and then consolidate them into a single set of requirements for Phase II.

- o Phase II of Internet Voting Competition Challenge: In this phase, submission will provide high level designs and detailed hardware and software architectures, along with procedures necessary for secure operation. Submissions will be sufficiently detailed so that a reasonably skilled information technologist could implement the system to allow for broader peer review. However, many details such as user interfaces and database layouts will be likely be undefined. As with the first phase, submissions will be open for critique. In this phase critiques will focus on identifying areas where designs do not meet the requirements defined in the first phase. The result may be modification of architectures to incorporate ideas from several teams. At the conclusion of this phase, the Department will narrow down the set of acceptable architectures.

- o RDT&E funding for the internet voting program is discontinued in FY 2014 until the Election Assistance Commission (EAC) and the National Institute of Standards and Technology (NIST) have established the measurements and standards against which internet voting can be evaluated.

Project 5: Civilian HR automation enhancements planned for FY 2012 and FY 2013 are focused on software development to support the Department's civilian workforce, including readiness requirements for the development of automation for an expeditionary civilian workforce; an SES-focused performance management system; development of interfaces with the Defense Civilian Personnel Data System (DCPDS) and other civilian HR systems to fully expand the Enterprise Staffing Solution; development of DCPDS interfaces with Office of Personnel Management (OPM) initiative mandates for HR Line of Business (LoB), electronic Official Personnel Folder, Retirement Systems Modernization implementation, and HR Line of Business. DoD is one of five designated Shared Service Centers in the federal

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2014 DoD Human Resources Activity	<b>DATE:</b> April 2013
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>
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government focused on providing standard services across agency lines, gaining potential significant business and cost-saving benefits. DoD is considered a leader in this initiative. Continues the conversion of employees back to other personnel systems as mandated in NDAA 2010 and designs new flexibilities to include, but not limited to the establishment of policies and procedures for a new Performance Management System, a redesigned hiring process adhering to veterans' preference requirements, a "Department of Defense Civilian Workforce Incentive fund", and a Mandatory Training and Retraining Program for Supervisors. DCPDS is the Department's enterprise civilian HR system that has provided the savings originally projected in the achievement of full operational capability in 2002 and which has continued to operate as the DoD system serving over 800,000 employee records. Additional initiatives to sustain the Department's lead in automated systems to include, expansion of employee self service functionality, and systems to support civilian HR requirements of the intelligence and National Guard communities. All enhancements will support the Department's focus on the further consolidation of civilian HR operations to a single operational site, with linkage to Component operations worldwide.

Project 6: The integrated DoD SAPR Data Collection and Reporting System (Defense Sexual Assault Incident Database (DSAID)) must accommodate a variety of uses, including the tracking of sexual assault victim support services, support SAPR program administration, program reporting requirements, and data analysis. In order to facilitate analysis at the OSD level, the System should be able to easily export data for analysis in computerized statistical applications, such as Statistical Package for the Social Sciences (SPSS). Service field-level users may use the system to track support to victims of sexual assault throughout the lifecycle of that support requirement and to facilitate sexual assault case transfer between SARCs and Services. Service headquarters-level users will use the system to support program planning, analysis, and management. DoD SAPR Office (SAPRO) users and Service headquarters-level users will access the system to produce mandated and requested reports, monitor program effectiveness and support cohort and trend analysis. The Defense Sexual Assault Incident Database (DSAID) will support SAPR programs for all active duty and Reserve personnel, including National Guard (NG) Service members when on active duty or when performing active service and inactive duty training (as defined in Section (101)(d)(3) of Chapter 47 of title 10, United States Code) with the ability to expand to cover other DoD personnel as required. Additionally, system implementation at the state level will provide a new capability to manage SAPR programs for National Guard personnel under Title 32 USC. Implementation of this capability will be based on a state NG structure grouped according to state and subdivided into sexual assaults from the separate Army and Air National Guard. Full Deployment and Delivery (FDD) is scheduled for Q4 FY2012 as a result additional RDT&E funding will not be required after FY2012.

Project 7: Defense Manpower Data Center (DMDC) acts as the authoritative source for identity and personnel information for the DoD Net Centric Enterprise Computing vision of the Department of Defense's Global Information Grid (GIG 2.0). Based on the DEERS identities, DMDC provides the key attribute service for the Department of Defense (DoD) Identity and Access Management (IdAM) Capability. The Enterprise Identity Attribute Service (EIAS) supports IdAM through the distribution of DoD person and personnel attributes to applications and services in a controlled, consistent, and secure manner to support ABAC decisions. The controlled, authoritative information provided via EIAS can be used to confirm an individual's identity, affiliation to the DoD, clearance, pay grade/rank, organization and occupation series for an authorization decision. A key attribute for decision makers is organization. The Global Force Management Data Initiative (GFM\_DI) provides the unique organization identifier (OUID) in the EIAS payload. To meet the DoD demand for the OUID, DMDC working with J8 and the Service/Agencies has to 1) establish the linkage between a person (EDI\_PI) and the OUID, 2) provide the OUID attribute in the EIAS payload for access decisions, and 3) standardize the organizational attributes required to make access decisions.

Project 8: The Neo Tracking System (NTS) / Emergency Tracking Accountability System (ETAS) is a certified and accredited DoD automated system that accounts for, and sustains visibility of noncombatant evacuees during a NEO under the authority of DODD 1000.25, DoD Personnel Identity Protection (PIP) Program. NTS is

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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>
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currently being used in the USAFRICOM, USCENTCOM, USEUCOM, USSOUTHCOM, and USPACOM AORs. The ETAS component is the CONUS domestic version of NTS and is for use by USNORTHCOM during disasters in the CONUS whether natural, accidental, or acts of terrorism. The primary purpose of the NTS/ETAS is to provide individual accountability of the evacuee by creating and maintaining a database of evacuees assembled during an evacuation operation and subsequently tracking the evacuees' movement throughout the evacuation process.

Project 9: The Synchronized Pre-deployment and Operational Tracker Enterprise Suite (SPOT-ES) is the Department of Defense (DoD) system of record for accountability and visibility of contracts and contractor personnel authorized to operate in a contingency operation. SPOT-ES provides web based tracking and visibility into contract services, personnel and equipment locations; provides a common operational picture for Combatant Commanders; enhances the analytical tools to accurately plan for the quantity of contracted support required for future contingency operations; and collects accurate data for the OMB-directed quarterly census of all contractors supporting contingency operations.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014 Base</b>	<b>FY 2014 OCO</b>	<b>FY 2014 Total</b>
Previous President's Budget	49.686	16.364	6.908	-	6.908
Current President's Budget	50.143	16.364	6.908	-	6.908
Total Adjustments	0.457	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	0.457	-			

**Change Summary Explanation**

FY 2013, Project 1, Joint Service Training & Readiness System Development , and Project 2, Defense Training Resource Analysis was transferred to Washington Headquarter Services for proper execution.  
 Project 9, Synchronized Pre-deployment & Operational Tracker enterprise Suite (SPOT), was transferred to DHRA from DLA/BTA for proper execution.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 1 : <i>Joint Service Training &amp; Readiness System Development</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 1 : <i>Joint Service Training &amp; Readiness System Development</i>	4.264	4.165	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**A. Mission Description and Budget Item Justification**

The Joint Service programs were established by the Secretary of Defense to improve the training and readiness of the Active and Reserve Components. This project expedites the prototype development of new training and readiness technologies and Joint Service training and readiness systems, which improve the training and readiness effectiveness and enhance the performance of the military forces. It also facilitates the sharing of training and readiness information, while allowing for the transfer of emerging and innovative technologies among the Services and private sector. Efforts have included: development of mission essential tasks; design, development, and implementation of performance metrics, data, and methodologies for the Joint Assessment and Enabling Capability to guide Training Transformation and support the Department's balanced scorecard and Defense Readiness Reporting System; identified and defined joint urban training requirements, identified methods to conduct effective joint training, and determined best means to develop simulations, military construction, and other urban training facilities that meet Service, joint, and fiscal demands and requirements; developed joint training regimen requirements and investments ranging from the joint strategic level down to the joint tactical level for joint asymmetric warfare; and developed a joint stability and support operations training roadmap and investment plan for operations other than war including peace enforcement, peacekeeping, and humanitarian assistance.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<b>Title:</b> Joint Service Training & Readiness System Development	4.165	0.000	0.000
<b>Description:</b> Joint Service Training & Readiness System Development			
<b>FY 2012 Accomplishments:</b>			
<ul style="list-style-type: none"> <li>• Provide an assessment and forecast of DOD logistics and material readiness in light of significant programmatic and operational impacts that have occurred and will occur over the next five to ten years.</li> <li>• Continue to assess the current state of logistics/material readiness in the Department and track the performance of various logistical and material processes in DoD.</li> <li>• Continue to support prototype development, assessment and application of DoD's Knowledge Management Systems and Ports.</li> <li>• Analyze estimated rates of personnel instability among unit leadership.</li> <li>• Identify primary underlying causes of instability and assess potential effects of policies to mitigate instability</li> <li>• Continue to develop Virtual Worlds (VW) technology to support Department of Defense (DoD) training.</li> </ul>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2014 DoD Human Resources Activity		<b>DATE:</b> April 2013		
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>		<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>		<b>PROJECT</b> Project 1 : <i>Joint Service Training &amp; Readiness System Development</i>
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>
<ul style="list-style-type: none"> <li>• Provide a VW Framework (VWF) which includes an overarching architecture encompassing a number of VW applications, as well as a VW Roadmap and Governance process to implement the VWF.</li> <li>• Continue to develop strategies to combat “Stress on the Force”</li> <li>• Continue to assess the ongoing requirement for Civil Affairs forces an compare the requirements to the planned future capability and offer recommendations on how to address potential training shortfalls.</li> </ul> <p><b>FY 2013 Plans:</b> Program will transfered to Washington Headquarter Services.</p>				
<b>Accomplishments/Planned Programs Subtotals</b>		4.165	0.000	0.000
<b>C. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
<b>D. Acquisition Strategy</b>				
NOT REQUIRED.				
<b>E. Performance Metrics</b>				
Each project contained within this program contains specific metrics to determine progress towards completion. Metrics for all include completed and documented analysis provided by the performer. The completion date for that analysis varies with each project. In addition, to that analysis, each effort contains a roadmap addressing the best use of the findings throughout the department. If the results of the analysis show benefit to the Department, those findings are included in policy, doctrine, tactics and procedures.				

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 2: <i>Defense Training Resource Analysis</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 2: <i>Defense Training Resource Analysis</i>	3.403	3.319	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012  
<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**A. Mission Description and Budget Item Justification**

This project supports DHRA and DoD training managers (OSD, Joint Staff, Unified Commands, and the Services) in promoting more efficient and effective use of training resources, increasing the effectiveness of military training, and enhancing the readiness and performance of the military forces. Projects analyze the contributions to readiness of various training techniques and programs and use the results to expedite new training concepts and procedures that increase unit effectiveness or decrease costs. Emphasis is placed on developing analytical tools and systematic methodologies to improve training resource allocations.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<b>Title:</b> Defense Training Resource Analysis	3.319	0.000	0.000
<b>Description:</b> Defense Training Resource Analysis			
<b>FY 2012 Accomplishments:</b>			
<ul style="list-style-type: none"> <li>• Determine the feasibility of the Regional Integrated Training Environment (RITE) concept prior to moving forward with a formal strategic communications and education effort and determine best approach for concept implementation.</li> <li>• Informed the decision to continue the outreach and implementation efforts.</li> <li>• Continue to examine how and why the management of war wounded has changed over time and the historic background how the federal government arrived at the current set of policies and possible changes for the future.</li> <li>• Continue to develop reserve component readiness mobilization strategies.</li> <li>• Analyze training requirements for DoD Counterinsurgency implementation plans</li> <li>• Provide senior decision makers access to the readiness data for Non-Standard forces (Ad Hoc/In-Lieu-Of) prior to their deployment by developing a roadmap and implementation plan to make certain that Non-Standard Forces are assessed in the Defense Readiness reporting System (DRRS) in compliance with Guidance for Employment of the Force (GEF).</li> <li>• Continue to evaluate and develop potential improvements in the Request for Forces (RFF) process as part of the Global Force Management (GFM) system and identify the Defenses Readiness Reporting System (DRRS) could inform the GFM process.</li> </ul>			
<b>FY 2013 Plans:</b>			

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2012	FY 2013	FY 2014
Program will transfered to Washington Headquarter Services			
<b>Accomplishments/Planned Programs Subtotals</b>	3.319	0.000	0.000

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

NOT REQUIRED.

**E. Performance Metrics**

Each project contained within this program contains specific metrics to determine progress towards completion. Metrics for all include completed and documented analysis provided by the performer. The completion date for that analysis varies with each project. In addition, to that analysis, each effort contains a roadmap addressing the best use of the findings throughout the department. If the results of the analysis show benefit to the Department, those findings are included in policy, doctrine, tactics and procedures.



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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 3: <i>DoD Enlistment Processing &amp; Testing</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 3: <i>DoD Enlistment Processing &amp; Testing</i>	2.077	2.035	1.054	0.381	-	0.381	0.807	1.235	1.261	1.261	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**A. Mission Description and Budget Item Justification**

The primary mission of DoD Enlistment Processing and Testing is to test and implement more accurate methods of assessing aptitudes required for military enlistment, success in training, and performance on the job. Also, it includes implementing methods that are useful in the identification of persons with the high aptitudes required by today's smaller and technically more demanding military.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<b>Title:</b> DoD Enlistment Processing & Testing	2.035	1.054	0.381
<b>Description:</b> DoD Enlistment Processing & Testing			
<b>FY 2012 Accomplishments:</b> DoD Enlistment Testing Program (ETP):			
<ul style="list-style-type: none"> <li>• Implement procedures for the detection of test compromise</li> <li>• Review and improve the test development process, particularly item writing and development</li> <li>• Collect data on new measures that could potentially be added to the ASVAB</li> <li>• Continue a research line on the use of multidimensional Computerized Adaptive Testing (CAT) item selection and scoring procedures</li> <li>• Evaluate the use of internet-based testing as a replacement for other types of testing</li> </ul>			
DoD Student Testing Program (STP):			
<ul style="list-style-type: none"> <li>• Collect data and conduct item level analyses of the Find Your Interests inventory</li> <li>• Conduct evaluations of the use of proctored internet-based CAT-ASVAB in the nation's high schools and community colleges</li> </ul>			
<b>FY 2013 Plans:</b> DoD Enlistment Testing Program (ETP):			
<ul style="list-style-type: none"> <li>• Finalize and implement new procedures for test development</li> <li>• Continue a research line on the use of multidimensional Computerized Adaptive Testing (CAT) item selection and scoring procedures</li> </ul>			

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2012	FY 2013	FY 2014
<ul style="list-style-type: none"> <li>• Continue research on revisions to ASVAB content</li> <li>DoD Student Testing Program (STP):</li> <li>• Evaluate methods to convert all STP to CAT</li> <li>• Continue to evaluate the use of internet-based CAT-ASVAB in the CEP</li> </ul> <p><b><i>FY 2014 Plans:</i></b></p> <ul style="list-style-type: none"> <li>•Continue the research effort on new measures/new content that could potentially be added to the ASVAB</li> </ul>			
<b>Accomplishments/Planned Programs Subtotals</b>	2.035	1.054	0.381

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

NOT REQUIRED.

**E. Performance Metrics**

Each project contained within this program contains specific metrics to determine progress towards completion. Metrics for all include completed and documented analysis provided by the performer. The completion date for that analysis varies with each project. In addition, to that analysis, each effort contains a roadmap addressing the best use of the findings throughout the department. If the results of the analysis show benefit to the Department, those findings are included in policy, doctrine, tactics and procedures.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 4: <i>Federal Voting Assistance Program</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 4: <i>Federal Voting Assistance Program</i>	38.845	27.476	9.692	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**A. Mission Description and Budget Item Justification**

The Federal Voting Assistance Program (FVAP) exists to:

- o Assist military personnel, their dependents, and overseas Americans exercise their right to vote so that they have an equal opportunity with the general population to have their vote counted;
- o Assist the States in complying with relevant federal laws, and advise them on ways to best comply with those laws; and
- o Advocate on behalf of military and overseas voters, identifying impediments to their ability to exercise their right to vote, and proposing methods to overcome those impediments.

Further, the Department of Defense is legislatively mandated to develop and deploy an absentee voting system demonstration project in which military voters can cast their votes electronically in a general federal election. To develop that system, numerous preliminary and iterative steps are necessary, including online voter registration, online ballot delivery and marking, rigorous cyber security threat analysis and evaluation, and pre-deployment system testing.

These preliminary steps also directly support improved voter assistance by providing voters easier access to voting assistance resources, expediting the delivery of blank ballots, reducing errors in completing election forms and ballots, and providing better system and program evaluation data for more agile planning and execution, as well as to support mid-course corrections in achieving the final mandate of the electronic absentee voting demonstration project.

Given the inherent uncertainties in deploying an internet voting system five to seven years from now, the Department requires substantial flexibility in shifting two-year RDT& funds over different fiscal years, and in accelerating or decelerating execution rates, dependent upon the results of the intermediate programs which support future steps in the overall effort. For example, in August 2011, during a working group meeting with computer technology scientists and representatives of EAC and NIST, the idea of conducting iterative public competitions of internet voting systems, akin to a weapon system “fly-off,” was adopted, and which provides the Department potential significant cost and time savings in deploying an internet voting system. But its discovery near the end of FY2011 also makes it very difficult to fit such program development into the rigid requirements of the budget cycle and the even more rigid requirements of State election cycles.

Congressional mandates also charge the Election Assistance Commission (EAC) (and through the Technical Guideline Development Committee, the National Institute of Standards and Technology (NIST)), with developing guidelines for the Department on such electronic absentee voting systems. FVAP, EAC and NIST are jointly developing these guidelines, supported by full public engagement with the computer science, military and overseas voting advocacy, and voting system development

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2014 DoD Human Resources Activity	<b>DATE:</b> April 2013
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communities. This public outreach is crucial to designing electronic absentee voting systems which will be accepted as providing the same level of ballot access, security, privacy, and accountability as the current absentee voting systems provided military and overseas voters.

Original FY 2013 FVAP budget estimates assumed a 2012 or 2014 deployment of the electronic absentee voting system demonstration project. However, system and guideline development does not support demonstration project deployment prior to 2016 or 2018.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<p><b>Title:</b> Federal Voting Assistance Program</p> <p><b>Description:</b> Federal Voting Assistance Program Funding will support the development of online tools to provide Voter Assistance Officer (VAO) training and to develop a dynamic public web-site to facilitate internet-based voter registration, ballot delivery and voting system for use in the first general election after the release of guidelines. FVAP will conduct a variety of research, analysis, evaluation, test and support functions with the intent of supporting Wounded Warrior, disabled military members, military members, their dependents and overseas civilian voters to register and vote successfully with a minimum amount of effort.</p> <p><b>FY 2012 Accomplishments:</b> Based on the results of the research and testing conducted in FY 10 and 11, continue to conduct evaluations, research and testing that will improve the assistance given to military and overseas voters in exercising their right to vote, assist state and local election officials in complying with the requirements of federal law, and in providing equal voting opportunity for military and overseas voters, and advocate for military and overseas voting rights with federal, state and local governments.</p> <ul style="list-style-type: none"> <li>o Electronic Absentee Voting System Evaluation Grants to States: FVAP will award approximately \$20 million to States and local election jurisdictions to test various electronic absentee voting support systems, across the range of the absentee voting process (but not to include funding electronic transmission of voted ballots in a live election), for multiple election cycles. State and local jurisdictions awarded grants will provide extensive data on UOCAVA voter behavior and system performance in order to feed future phases of pilot projects supporting the final demonstration project. This should have the additional effect of providing UOCAVA voters more opportunities to register to vote, request an absentee ballot, and receive and mark absentee ballots online. The Department will use FY2012 for a second round of grants, this time focusing on establishing automated and detailed data collection and reporting systems at the State and local level to provide FVAP and the EAC with better, timelier post-election data.</li> <li>o Initiate a Multi-Track Electronic Absentee Voting Demonstration Project Plan: Currently, the EAC is not anticipating final validation of its testable standards for an electronic absentee voting demonstration project until 2014, which won't support the execution of such a demonstration project until 2016, at the earliest. In order to accommodate the standards development, procurement and full testing, as well as any remediation discovered along the way, the 2018 general election remains the most likely date for the full conduct of the internet voting demonstration project. Therefore, the Department will suspend funding of its</li> </ul>	27.476	9.692	0.000

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2014 DoD Human Resources Activity	<b>DATE:</b> April 2013
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 4: <i>Federal Voting Assistance Program</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>
<p>internet voting program until testable standards have been established. Once standards are established, the Department will pursue a simultaneous three-track approach:</p> <ul style="list-style-type: none"> <li>- The first track would focus kiosk voting systems, to serve as a monitored test platform where the ballots of record are printed out and delivered to jurisdictions like other absentee ballots, but the same ballot would be delivered electronically to the election jurisdiction for comparison to the paper ballot of record. This would allow the testing of electronic absentee ballot transmission security and reliability in a live election, without threatening the integrity of the election.</li> <li>- The second track would use a three phase competition where external stakeholders and industry leaders will be challenged to exceed the Department’s current approach and technical requirements, again to support a 2018 deployment. This competition would be modeled on similar competitions conducted by NIST and DARPA for cryptological and weapon system development.</li> <li>- The third track would continue the Department’s direct efforts, supported by the EAC and NIST, to deploy an electronic absentee voting system in 2018 for military voters only, using CAC cards and PKI, on military-protected computers resident on the Defense Information System Network (DISN).</li> <li>- To support this revised plan, a number of projects will be executed in FY 2012, as described below. Additionally, to the extent possible, FVAP will direct investment, minimum of \$2 million in the SBIR (Small Business Investment Research) program.</li> <li>- Voting Behavior and Failure Research: The Department plans on issuing a Broad Agency Announcement in FY2012 detailing the key data and knowledge gaps regarding military and overseas voting (particularly regarding the key causes and extent of voting failure), providing a number of recommended research areas, but also inviting outside experts to propose innovative methods of filling those knowledge and data gaps.</li> <li>- Mobile Applications: The Department will design and deploy smartphone and mobile applications to support general voting assistance, voter awareness, and completion of voter registration and absentee ballot forms.</li> <li>- Computer Forensic and Software Assurance Tools: To support future electronic absentee ballot security and reliability requirements, develop tools to improve the Department’s ability to prevent, detect, and mitigate attacks on military and overseas voter systems.</li> <li>- Data Migration Tool: Given the wide variety of election administration systems in use amongst the 7,200 election jurisdictions, the Department will design and deploy a data migration tool to convert election administration and ballot files into different and common database formats.</li> </ul>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2014 DoD Human Resources Activity	<b>DATE:</b> April 2013
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 4: <i>Federal Voting Assistance Program</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>
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- Improved FVAP Portal: Design and deploy an improved FVAP.gov website that more seamlessly links voters to State and local jurisdiction voting systems, provides easier and more intuitive access to voter information such as local election official or Voting Assistance Officer contact information, provides FVAP-developed data in API format for public use, and more logically links the various voter assistance systems provided by FVAP, to each other.

- Improved Voter Registration and Back-Up Ballot Wizards: The Department will improve the FPCA and FWAB wizards deployed in 2010, to improve candidate database reliability, provide States the ability to upload candidate data directly, to increase candidate data to Statewide races as well as federal races, and to migrate the entire system to the overall Portal server.

- Military Address Lookup Tool: Given election officials problems with undeliverable ballots and old military addresses, FVAP will work to develop a State election official accessible system for military voter address verification and correction.

- Additional Evaluation of all FVAP Programs: The Department will conduct rigorous evaluations of voter assistance programs including the usefulness of currently drafted documents and forms, effectiveness of the grant programs, online wizards, FVAP.gov portal hosting security and reliability, local election official and voting assistance officer databases, API architecture, data migration tools, and the knowledge management methods presented to voters and election officials on the FVAP.gov portal.

**FY 2013 Plans:**  
Given the agile planning and deployment flexibilities required in as dynamic a RDT&E environment as internet voting, the FY 2013 execution plan will be significantly influenced by the results of the FY2011 and FY2012 research, development, and evaluation results. However, current plans are to initiate the first two phases of the internet voting demonstration competition challenge:

- o Phase I of Internet Voting Competition Challenge: In the first phase submissions will focus on defining security, reliability, usability, and accountability requirements for internet voting systems. Submissions will be open to the public, and will be open to public critique. FVAP will review those submissions and critiques, and then consolidate them into a single set of requirements for Phase II.
- o Phase II of Internet Voting Competition Challenge: In this phase, submission will provide high level designs and detailed hardware and software architectures, along with procedures necessary for secure operation. Submissions will be sufficiently detailed so that a reasonably skilled information technologist could implement the system to allow for broader peer review. However, many details such as user interfaces and database layouts will be likely be undefined. As with the first phase, submissions will be open for critique. In this phase critiques will focus on identifying areas where designs do not meet the

<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2012	FY 2013	FY 2014
requirements defined in the first phase. The result may be modification of architectures to incorporate ideas from several teams. At the conclusion of this phase, the Department will narrow down the set of acceptable architectures.			
o Conformance Testing to EAC Pilot Program Requirements for Kiosk Systems Used in a 2014 Election: To support the testing of internet voting systems from monitored kiosk test platform (where the ballots of record are printed out and delivered to jurisdictions like other absentee ballots, but the same ballot is delivered electronically to the election jurisdiction for comparison to the paper ballot of record), the Department will test conformance of selected systems to the EAC Pilot Program Testing Requirements.			
FY 2014 plans, as stated above, plans for RDT&E funding beyond FY 2013 depend on the NIST and EAC establishing the measurements for standards against which internet voting can be evaluated.			
<b>Accomplishments/Planned Programs Subtotals</b>	27.476	9.692	0.000

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

NOT REQUIRED

**E. Performance Metrics**

The project is the development , testing and deployment of an internet-based voter registration, ballot delivery and voting system that integrates the requirements of the electronic absentee voting guidelines.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 5: <i>Human Resources Automation Enhancements</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 5: <i>Human Resources Automation Enhancements</i>	8.855	6.772	1.312	2.831	-	2.831	2.833	1.868	2.873	2.873	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**A. Mission Description and Budget Item Justification**

Civilian HR automation enhancements planned for FY 2013 and FY 2014 are focused on software development to support the Department's civilian workforce, including a performance management system; development of an employee competency assessment capability and EEO investigations case management; and the Office of Personnel Management (OPM) mandates for HR Line of Business (LoB), electronic Official Personnel Folder, and Retirement Systems Modernization implementation. DoD is one of five designated Shared Service Centers in the federal government focused on providing standard services across agency lines, gaining potential significant business and cost-saving benefits. DoD is considered a leader in this initiative. DCPDS is the Department's enterprise civilian HR system that has provided the savings originally projected in the achievement of full operational capability in 2002 and which has continued to operate as the DoD system serving over 800,000 employee records. Additional initiatives to sustain the Department's lead in automated systems include expansion of employee self service functionality, and support for data warehouse improvements, engineering plans for consolidation and migration to a federal data center, an employee-manager portal, and information assurance initiatives to comply with DoD-mandated DMZ requirements. DCPDS enhancements will support the Department's focus on the further consolidation of civilian HR operations to a single operational site, with linkage to Component operations worldwide.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<b>Title:</b> Human Resources Automation Enhancements	6.772	1.312	2.831
<b>FY 2012 Accomplishments:</b> Phase III of DMZ extension to comply with DoD mandated DMZ extension requirements for all systems; enhancements to comply with legislative and DoD requirements; HR LoB initiatives, including modification to eOPF interface, Retirement Systems Modernization (RSM) IAW OPM mandates. Development of improvements, interfaces, and support of the Defense Enterprise Hiring Solution to comply with mandated changes in hiring practices federal-wide.			
<b>FY 2013 Plans:</b> Continued enhancement and compliance with information assurance requirements, including DMZ extension requirements; DCPDS and other systems development to ensure compliance with legislative, OPM and OMB mandates; continued system enhancements to support HR LoB initiatives, including eOPF, RSM and related federal-wide initiatives.			
<b>FY 2014 Plans:</b>			



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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 5: <i>Human Resources Automation Enhancements</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2012	FY 2013	FY 2014
Information assurance requirements for continued compliance with IA mandates, including further DMZ extension requirements; development of functionality to comply with legislative mandates; software development support of HR LoB with DCPDS system enhancements, including eOPF, retirement system modernization, and mandated changes in hiring practices; and development and prototyping of Advanced Benefits to support self-service initiatives for civilian employee access and use.			
<b>Accomplishments/Planned Programs Subtotals</b>	6.772	1.312	2.831

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

N/A

**E. Performance Metrics**

N/A

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 6: <i>Sexual Assault Prevention and Response Office</i>	6.964	4.980	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**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)).

The integrated DoD SAPR Data Collection and Reporting System (Defense Sexual Assault Incident Database (DSAID)) must accommodate a variety of uses, including the tracking of sexual assault victim support services, support SAPR program administration, program reporting requirements, and data analysis. In order to facilitate analysis at the OSD level, the System should be able to easily export data for analysis in computerized statistical applications, such as Statistical Package for the Social Sciences (SPSS). Service field-level users may use the system to track support to victims of sexual assault throughout the lifecycle of that support requirement and to facilitate sexual assault case transfer between SARCs and Services. Service headquarters-level users will use the system to support program planning, analysis, and management. DoD SAPR Office (SAPRO) users and Service headquarters-level users will access the system to produce mandated and requested reports, monitor program effectiveness and support cohort and trend analysis. The Defense Sexual Assault Incident Database (DSAID) will support SAPR programs for all active duty and Reserve personnel, including National Guard (NG) Service members when on active duty or when performing active service and inactive duty training (as defined in Section (101)(d)(3) of Chapter 47 of title 10, United States Code) with the ability to expand to cover other DoD personnel as required. Additionally, system implementation at the state level will provide a new capability to manage SAPR programs for National Guard personnel under Title 32 USC. Implementation of this capability will be based on a state NG structure grouped according to state and subdivided into sexual assaults from the separate Army and Air National Guard. Full Deployment and Delivery (FDD) is scheduled for Q4 FY2012 as a result additional RDT&E funding will not be required after FY2012.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<b>Title:</b> Sexual Assault Prevention and Response Office	4.980	0.000	0.000
<b>FY 2012 Accomplishments:</b> • Continued development of DSAID with an expected Full Deployment and Delivery (FDD) in August 2012.			
<b>Accomplishments/Planned Programs Subtotals</b>	4.980	0.000	0.000

**C. Other Program Funding Summary (\$ in Millions)**

N/A

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2014 DoD Human Resources Activity		<b>DATE:</b> April 2013
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**C. Other Program Funding Summary (\$ in Millions)**

**Remarks**

**D. Acquisition Strategy**

Contract Type: Firm-Fixed, Period of Performance: 12 month Base Year Plus 4 Option Years; Planned award date 16 April 2010; Number of Awards: Single; Use of Commercial Procedures (FAR Part 12); Estimated value including all options \$20,000,000.00.

**E. Performance Metrics**

In FY 2010 Q3-Q4 activities will include the initiation of development of DSAID, with further developments in FY2011 and FY2012

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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 7: <i>Global Force Mgmt Data Initiative</i>	0.000	1.396	0.608	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**A. Mission Description and Budget Item Justification**

Defense Manpower Data Center (DMDC) acts as the authoritative source for identity and personnel information for the DoD Net Centric Enterprise Computing vision of the Department of Defense's Global Information Grid (GIG 2.0). Based on the DEERS identities, DMDC provides the key attribute service for the Department of Defense (DoD) Identity and Access Management (IdAM) Capability. The Enterprise Identity Attribute Service (EIAS) supports IdAM through the distribution of DoD person and personnel attributes to applications and services in a controlled, consistent, and secure manner to support ABAC decisions. The controlled, authoritative information provided via EIAS can be used to confirm an individual's identity, affiliation to the DoD, clearance, pay grade/rank, organization and occupation series for an authorization decision. A key attribute for decision makers is organization. The Global Force Management Data Initiative (GFM\_DI) provides the unique organization identifier (OUID) in the EIAS payload. To meet the DoD demand for the OUID, DMDC working with J8 and the Service/Agencies has to 1) establish the linkage between a person (EDI\_PI) and the OUID, 2) provide the OUID attribute in the EIAS payload for access decisions, and 3) standardize the organizational attributes required to make access decisions.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<b>Title:</b> Global Force Mgmt Data Initiative (GFMDI)	1.396	0.608	0.000
<b>Description:</b> N/A			
<b>FY 2012 Accomplishments:</b> Create a pilot to: <ul style="list-style-type: none"> <li>• Establish a web service between DEERS and Component's personnel Systems to support the EDIPI to SSN links</li> <li>• Facilitate Component's ability to expose their Organizational Hierarchies for usage by the IdAM community</li> <li>• Provide web services to support development of an Enterprise organization attribute service for DoD which supports Secure Data Access</li> </ul>			
<b>FY 2013 Plans:</b> <ul style="list-style-type: none"> <li>• Continue to establish a web service between DEERS and Component's personnel Systems to support the EDIPI to SSN links</li> <li>• Continue to facilitate Component's ability to expose their Organizational Hierarchies for usage by the IdAM community</li> </ul>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2014 DoD Human Resources Activity	<b>DATE:</b> April 2013
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<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 7: <i>Global Force Mgmt Data Initiative</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2012	FY 2013	FY 2014
• Continue to standardize the web services to support an Enterprise organization attribute service for DoD which promotes Secure Data Access			
<b>Accomplishments/Planned Programs Subtotals</b>	1.396	0.608	0.000

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

Existing contract vehicles in place/GSA for COTS.

**E. Performance Metrics**

N/A

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 8: <i>NEO Tracking System</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 8: <i>NEO Tracking System</i>	0.000	0.000	0.761	0.759	-	0.759	0.629	0.758	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**A. Mission Description and Budget Item Justification**

The Neo Tracking System (NTS) / Electronic Tracking Accountability System (ETAS) is a certified and accredited DoD automated system that accounts for, and sustains visibility of noncombatant evacuees during a NEO under the authority of DODD 1000.25, DoD Personnel Identity Protection (PIP) Program. NTS is currently being used in the USAFRICOM, USCENTCOM, USEUCOM, USSOUTHCOM, and USPACOM AORs. The ETAS component is the CONUS domestic version of NTS and is for use by USNORTHCOM during disasters in the CONUS whether natural, accidental, or acts of terrorism. The primary purpose of the NTS/ETAS is to provide individual accountability of the evacuee by creating and maintaining a database of evacuees assembled during an evacuation operation and subsequently tracking the evacuees' movement through the evacuation process.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<b>Title:</b> NEO Tracking System (NTS)	0.000	0.761	0.759
<b>FY 2013 Plans:</b>			
<ul style="list-style-type: none"> <li>• Convert the NTS program to a mobile application package that can be run on tablets and smart phones</li> <li>• Streamline the distribution of NTS images, reducing not only the costs associated with the creation of an image, but also the time associated with receiving the image in the field</li> </ul>			
<b>FY 2014 Plans:</b>			
<ul style="list-style-type: none"> <li>• Upgrade system software and hardware drivers for Windows 7, 64-bit compatibility</li> <li>• Continued hardware implementation</li> <li>• Automate distribution of system updates</li> </ul>			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.761	0.759

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

Existing contract vehicles in place/GSA for COTS.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2014 DoD Human Resources Activity		<b>DATE:</b> April 2013
<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 8: <i>NEO Tracking System</i>

**E. Performance Metrics**

N/A

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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 9: <i>Synchronized Pre-deployment &amp; Operational Tracker Enterprise Suite</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 <sup>#</sup>	FY 2014 Base	FY 2014 OCO <sup>##</sup>	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Project 9: <i>Synchronized Pre-deployment &amp; Operational Tracker Enterprise Suite</i>	0.000	0.000	2.937	2.937	-	2.937	1.926	1.927	1.932	1.932	Continuing	Continuing
Quantity of RDT&E Articles												

<sup>#</sup> FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

<sup>##</sup> The FY 2014 OCO Request will be submitted at a later date

**A. Mission Description and Budget Item Justification**

The Synchronized Pre-deployment and Operational Tracker Enterprise Suite (SPOT-ES) is the Department of Defense (DoD) system of record for accountability and visibility of contracts and contractor personnel authorized to operate in a contingency operation. SPOT-ES provides web based tracking and visibility into contract services, personnel and equipment locations; provides a common operational picture for Combatant Commanders; enhances the analytical tools to accurately plan for the quantity of contracted support required for future contingency operations; and collects accurate data for the OMB-directed quarterly census of all contractors supporting contingency operations.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2012	FY 2013	FY 2014
<b>Title:</b> The Synchronized Pre-deployment and Operational Tracker	0.000	2.937	2.937
<b>FY 2013 Plans:</b>			
<ul style="list-style-type: none"> <li>• Continue to be the system of record for accountability and visibility of contracts and contractor personnel in support of the CENTCOM Area of Responsibility and other contingencies around the world.</li> <li>• Continue to provide the only DoS, DoD, and USAID sanctioned Letter of Authorization (LOA) which provides the Government Furnished Services to contractor personnel.</li> <li>• Provide the information on contractor personnel supporting Iraq and Afghanistan to the Office of the Secretary of Defense for reports to Congress.</li> <li>• Provide the number of contractor personnel and contract capability to Combatant Commands for operational planning purposes and to aid in their decision making processes.</li> </ul>			
<b>FY 2014 Plans:</b>			



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**Exhibit R-2A, RDT&E Project Justification:** PB 2014 DoD Human Resources Activity **DATE:** April 2013

<b>APPROPRIATION/BUDGET ACTIVITY</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> BA 6: <i>RDT&amp;E Management Support</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0605803SE: <i>R&amp;D in Support of DOD Enlistment, Testing and Evaluation</i>	<b>PROJECT</b> Project 9: <i>Synchronized Pre-deployment &amp; Operational Tracker Enterprise Suite</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2012	FY 2013	FY 2014
<ul style="list-style-type: none"> <li>• Continue to be the system of record for accountability and visibility of contracts and contractor personnel in support of the CENTCOM Area of Responsibility and other contingencies around the world.</li> <li>• Continue to provide the only DoS, DoD, and USAID sanctioned Letter of Authorization (LOA) which provides the Government Furnished Services to contractor personnel.</li> <li>• Provide the information on contractor personnel supporting Iraq and Afghanistan to the Office of the Secretary of Defense for reports to Congress.</li> <li>• Provide the number of contractor personnel and contract capability to Combatant Commands for operational planning purposes and to aid in their decision making processes.</li> </ul>			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	2.937	2.937

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

N/A

**E. Performance Metrics**

N/A

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