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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 DoD Human Resources Activity **Date:** March 2023

Appropriation/Budget Activity 0400: Research, Development, Test & Evaluation, Defense-Wide / BA 5: System Development & Demonstration (SDD)	R-1 Program Element (Number/Name) PE 0605021SE / Homeland Personnel Security Initiative
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	6.483	7.205	6.191	9.292	-	9.292	9.507	9.151	9.278	9.473	Continuing	Continuing
01: Homeland Security Presidential Directive (HSPD-12) Initiative	0.886	0.300	0.314	0.327	-	0.327	0.333	0.339	0.343	0.350	Continuing	Continuing
03: Identity Credential Management (ICM)	5.597	6.905	5.877	8.965	-	8.965	9.174	8.812	8.935	9.123	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Department of Defense Human Resources Activity (DHRA) is a DoD-wide Field Activity chartered to support the Under Secretary of Defense for Personnel and Readiness (USD(P&R)). RDT&E funds are applied to research security and standards compliance improvements for the Common Access Card (CAC) and the Uniformed Services Identification (USID) card, which provides identification for personnel not eligible for the CAC. Funding for the Identity Credential Management (ICM) program supports the DoD Chief Information Officer's Identity, Credential and Access Management (ICAM) initiatives.

B. Program Change Summary (\$ in Millions)

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024 Base</u>	<u>FY 2024 OCO</u>	<u>FY 2024 Total</u>
Previous President's Budget	7.205	6.191	9.247	-	9.247
Current President's Budget	7.205	6.191	9.292	-	9.292
Total Adjustments	0.000	0.000	0.045	-	0.045
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Year - Economic Assumptions	-	-	0.045	-	0.045

Change Summary Explanation

The funding change between FY 2023 and FY 2024 accounts for increased dollars received to enable the implementation of a Zero Trust architecture across the Department of Defense. The DoD CIO's Zero Trust cybersecurity strategy and framework requires modernization of existing HSPD-12 and identity capabilities to enable the Department of Defense to establish identities and affiliations that can be leveraged for control decisions throughout the architecture to prevent malicious personas from accessing our most critical assets. Defense Manpower Data Center delivers core capability for the DoD enterprise. These funds will be utilized to support Identity and Credential Management development to include research and front-end development, focusing on user interactions with the

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system/infrastructure, for the modernized identity and credential solutions; expanding populations for online USID card renewals; and initial operating capability for a digital USID card.

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Exhibit R-2A, RDT&E Project Justification: PB 2024 DoD Human Resources Activity										Date: March 2023		
Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605021SE / Homeland Personnel Security Initiative				Project (Number/Name) 01 / Homeland Security Presidential Directive (HSPD-12) Initiative			
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
01: Homeland Security Presidential Directive (HSPD-12) Initiative	0.886	0.300	0.314	0.327	-	0.327	0.333	0.339	0.343	0.350	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Homeland Security Presidential Directive (HSPD-12) Initiative: HSPD-12 and the Federal Information Processing Standard (FIPS) Special Publication 201 require Federal Agencies to issue a Personal Identification Verification (PIV) card to enable rapid electronic authentication for all Government employees, uniformed service members, and contractors. Real-time Automated Personnel Identification System (RAPIDS) is the DoD enterprise capability that issues the Common Access Card (CAC) (DoD's implementation of the PIV card) and enables updates to the Defense Enrollment Eligibility Reporting System (DEERS), thus providing an enterprise-wide credential for both physical and logical access to DoD facilities and networks.

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

	FY 2022	FY 2023	FY 2024
Title: Real-time Automated Personnel Identification System (RAPIDS) /HSPD-12	0.300	0.314	0.327
Description: This is federally mandated by Homeland Security Presidential Directive (HSPD-12) and Federal Information Process Standard (FIPS) Special Publication 201. HSPD-12 requires rapid electronic authentication for all Government employees, uniformed individuals and contractors.			
FY 2023 Plans: HSPD-12: FY 2023 HSPD-12 RDT&E funds will be used to continue improved standards compliance and security of the modernized identity and credentialing (including CAC) capabilities.			
FY 2024 Plans: HSPD-12: FY 2024 funds will be used to continue improved standards compliance and security of the modernized identity and credentialing (including CAC) capabilities, to include testing of DoD credentials, including CAC.			
FY 2023 to FY 2024 Increase/Decrease Statement: Increase in funding between FY 2023 and FY 2024 is due to inflation.			
Accomplishments/Planned Programs Subtotals	0.300	0.314	0.327

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

N/A

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

Remarks

D. Acquisition Strategy

HSPD-12: Existing contract vehicles in place/General Services Administration.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 DoD Human Resources Activity **Date:** March 2023

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Test and Evaluation (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Homeland Personnel Security Directive (HSPD-12) Initiative	C/IDIQ	Gulf Coast Enterprise : Pensacola, FL	0.886	0.300		0.314		0.327		-		0.327	Continuing	Continuing	-
Subtotal			0.886	0.300		0.314		0.327		-		0.327	Continuing	Continuing	N/A

Remarks
HSPD-12: RDT&E funds in HSPD-12 will extend through the FYDP and be applied to research and investigation of improved standards compliance and security of the CAC.

	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.886	0.300	0.314	0.327	-	0.327	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 DoD Human Resources Activity		Date: March 2023
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FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

<i>Homeland Security Presidential Directive (HSPD-12)</i>	
HSPD-12	

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 DoD Human Resources Activity		Date: March 2023
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605021SE / <i>Homeland Personnel Security Initiative</i>	Project (Number/Name) 01 / <i>Homeland Security Presidential Directive (HSPD-12) Initiative</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Homeland Security Presidential Directive (HSPD-12)</i>				
HSPD-12	1	2022	4	2022

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Appropriation/Budget Activity 0400 / 5					R-1 Program Element (Number/Name) PE 0605021SE / Homeland Personnel Security Initiative				Project (Number/Name) 03 / Identity Credential Management (ICM)			
COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
03: Identity Credential Management (ICM)	5.597	6.905	5.877	8.965	-	8.965	9.174	8.812	8.935	9.123	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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)). RDT&E funds are applied to research security and standards compliance improvements for the Common Access Card (CAC) and the Uniformed Services Identification (USID) card, which provides identification for personnel not eligible for the CAC. Funding for the Identity Credential Management (ICM) program supports the DoD Chief Information Officer's Identity, Credential and Access Management (ICAM) initiatives.

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

	FY 2022	FY 2023	FY 2024
Title: Identity Credential Management	6.905	5.877	8.965
Description: Identity and Credential Management establishes DHRA/DMDC as the Enterprise Identity and Credential Registration Service Provider for the Department of Defense. In this role, DMDC will develop improved identity federation solutions for Identity and Credentialing programs including CAC and Uniformed Services ID cards.			
FY 2023 Plans: FY 2023 RDT&E funding will now support Identity and Credential Management development support to include: research and development of security and standards compliance improvements for the identity and credential solutions, continued research and development of self-service capabilities to expand the current self-service portfolio for remote identity proofing and credentialing capabilities, reducing in person transactions at RAPIDS sites, including CAC and Uniformed Services ID cards. DMDC will complete the initial pilot of online USID card renewals.			
FY 2024 Plans: FY 2024 RDT&E funding will support Identity and Credential Management development to include research and development of security standards and compliance improvements for the identity and credential solutions and continued research and development of self-service capabilities to expand the current self-service portfolio for remote identity proofing and credentialing capabilities, reducing in person transactions at RAPIDS sites, including CAC and Uniformed Services ID cards. This includes deployment of modernized identity and credential management solution and enhancement of the online USID card renewal for full deployment.			
FY 2023 to FY 2024 Increase/Decrease Statement:			

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2022	FY 2023	FY 2024
The budget increase includes initial deployment of the modernized Identity and Credential management solution, delivery of a digital USID card, and continued fielding of the new online USID card renewal in cooperation with the Government Publishing Office.			
Accomplishments/Planned Programs Subtotals	6.905	5.877	8.965

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

N/A

Remarks

N/A

D. Acquisition Strategy

N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 DoD Human Resources Activity			Date: March 2023
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	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

<i>Identity Credential Management</i>																												
Identity Credential Management																												

	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

<i>Identity Credential Management</i>																												
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Exhibit R-4A, RDT&E Schedule Details: PB 2024 DoD Human Resources Activity		Date: March 2023
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Identity Credential Management</i>				
Identity Credential Management	1	2020	4	2022