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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 DoD Human Resources Activity **Date:** April 2022

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 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	7.591	7.287	7.205	6.191	-	6.191	9.247	9.451	9.089	9.206	Continuing	Continuing
01: Homeland Security Presidential Directive (HSPD-12) Initiative	0.591	0.295	0.300	0.314	-	0.314	0.325	0.331	0.337	0.340	Continuing	Continuing
02: Enterprise Data Services (EDS)	4.200	4.195	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
03: Identity Credential Management (ICM)	2.800	2.797	6.905	5.877	-	5.877	8.922	9.120	8.752	8.866	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 CAC and the 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 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>
Previous President's Budget	7.287	7.205	0.000	-	0.000
Current President's Budget	7.287	7.205	6.191	-	6.191
Total Adjustments	0.000	0.000	6.191	-	6.191
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Year	-	-	6.191	-	6.191

Change Summary Explanation

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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Exhibit R-2A, RDT&E Project Justification: PB 2023 DoD Human Resources Activity **Date:** April 2022

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
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
01: Homeland Security Presidential Directive (HSPD-12) Initiative	0.591	0.295	0.300	0.314	-	0.314	0.325	0.331	0.337	0.340	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 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 2021	FY 2022	FY 2023
Title: Real-time Automated Personnel Identification System (RAPIDS) /HSPD-12	0.295	0.300	0.314
Description: HSPD-12 requires rapid electronic authentication for all Government employees, uniformed individuals and contractors.			
FY 2022 Plans: HSPD-12: FY 2022 HSPD-12 RDT&E funds will be used to continue improved standards compliance and security of the CAC.			
FY 2023 Plans: HSPD-12: FY 2023 HSPD-12 RDT&E funds will be used to continue improved standards compliance and security of the Next Generation identity and credentialing (including CAC) capabilities.			
FY 2022 to FY 2023 Increase/Decrease Statement: HSPD-12: No change.			
Accomplishments/Planned Programs Subtotals	0.295	0.300	0.314

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

N/A

Remarks

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Exhibit R-2A, RDT&E Project Justification: PB 2023 DoD Human Resources Activity		Date: April 2022
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>

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 2023 DoD Human Resources Activity **Date:** April 2022

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
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Test and Evaluation (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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	0.591	0.295	Dec 2020	0.300		0.314		-		0.314	Continuing	Continuing	-
Subtotal			0.591	0.295		0.300		0.314		-		0.314	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 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.591	0.295	0.300	0.314	-	0.314	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2023 DoD Human Resources Activity		Date: April 2022
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>

FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
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 2023 DoD Human Resources Activity		Date: April 2022
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	2021	4	2021

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Exhibit R-2A, RDT&E Project Justification: PB 2023 DoD Human Resources Activity **Date:** April 2022

Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605021SE / Homeland Personnel Security Initiative	Project (Number/Name) 02 / Enterprise Data Services (EDS)
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
02: Enterprise Data Services (EDS)	4.200	4.195	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Project 2: Enterprise Data Services - supports the DoD CIO Identity, Credential and Access Management initiative to implement end-to-end digital services for person entities in support of DoD cybersecurity, interoperability, and secure information sharing across the Department and with mission partners. The enhancements to DMDC data repositories will implement a data centric approach to collect, verify, maintain, and share identity and other attributes. The development of new data attributes and services will enable authentication to DoD networks and resources through common standards, shared services and federation.

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

	FY 2021	FY 2022	FY 2023
Title: Enterprise Data Services	4.195	0.000	-
Description: Enterprise Data Services funding will update the data structures and attributes collected to secure trusted environments across the DoD so people can securely access all authorized resources based on mission need. These updates will also ensure DoD CIO has visibility of who and what is on the network at any point in time.			
FY 2022 Plans: Realigned program capability and funding to Identity Credential Management (ICM).			
FY 2022 to FY 2023 Increase/Decrease Statement: None.			
Accomplishments/Planned Programs Subtotals	4.195	0.000	-

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

N/A

Remarks

D. Acquisition Strategy

N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2023 DoD Human Resources Activity		Date: April 2022
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605021SE / <i>Homeland Personnel Security Initiative</i>	Project (Number/Name) 02 / <i>Enterprise Data Services (EDS)</i>

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
Enterprise Data Services																												
Enterprise Data Services																												

	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	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
Enterprise Data Services																												
Enterprise Data Services																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 DoD Human Resources Activity		Date: April 2022
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605021SE / <i>Homeland Personnel Security Initiative</i>	Project (Number/Name) 02 / <i>Enterprise Data Services (EDS)</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Enterprise Data Services</i>				
Enterprise Data Services	2	2020	2	2021

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Exhibit R-2A, RDT&E Project Justification: PB 2023 DoD Human Resources Activity										Date: April 2022		
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 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
03: Identity Credential Management (ICM)	2.800	2.797	6.905	5.877	-	5.877	8.922	9.120	8.752	8.866	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 CAC and the 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 2021	FY 2022	FY 2023
Title: Identity Credential Management	2.797	6.905	5.877
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 2022 Plans: FY 2022 RDT&E funds will be used to develop the full operating capability of the mission partner registration services and multi-factor authentication registration services. Develop and test a proof of concept to enhance self-service capabilities for the issuance of the Uniformed Services Identification Card (USID) card.			
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 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.			
FY 2022 to FY 2023 Increase/Decrease Statement: The budget is being re-phased to allow for better obligation rate execution. Execution of funds was in the fourth quarter, but has been re-phased to allow earlier execution in FY 2023. Program will incorporate the new initiative of Phase 1 of Operationalizing Zero Trust across the DoD.			
Accomplishments/Planned Programs Subtotals	2.797	6.905	5.877

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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 2023 DoD Human Resources Activity		Date: April 2022
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605021SE / <i>Homeland Personnel Security Initiative</i>	Project (Number/Name) 03 / <i>Identity Credential Management (ICM)</i>

FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
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 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
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	

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 DoD Human Resources Activity		Date: April 2022
Appropriation/Budget Activity 0400 / 5	R-1 Program Element (Number/Name) PE 0605021SE / <i>Homeland Personnel Security Initiative</i>	Project (Number/Name) 03 / <i>Identity Credential Management (ICM)</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Identity Credential Management</i>				
Identity Credential Management	1	2020	4	2021