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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Defense Information Systems Agency **Date:** March 2023

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0303228K / <i>Joint Information Environment</i>
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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	44.298	9.342	0.000	3.196	-	3.196	2.364	1.120	3.386	2.706	Continuing	Continuing
JE1: <i>Joint Regional Security Stacks</i>	44.298	9.342	0.000	3.196	-	3.196	2.364	1.120	3.386	2.706	Continuing	Continuing

A. Mission Description and Budget Item Justification

Joint Information Environment (JIE)/The Joint Regional Security Stack (JRSS) is a joint Department of Defense (DoD) security architecture deployed regionally throughout the world. There are fifteen (15) Non-Secure Internet Protocol Router (NIPR) stacks, which are a collection of software components designed to operate as a single unit. E

Each stack is comprised of complementary defensive security solutions that:

- Streamline cybersecurity protections
- Leverage enterprise defensive capabilities with standardized security suites to protect against attacks that disrupt or cause damage to the network
- Protect the JRSS enclaves (a.k.a. internal networks separate from the rest of the network) after the separation
- Provide the tool sets necessary to monitor all security mechanisms throughout the network

The JRSS Management System (JMS) provides management and operational control capabilities for the JRSS. The JMS centralizes and enhances the management of JRSS components and achieve economies of scale. The JMS enables DoD Components to maintain Title 10 required management and visibility of IT security while providing high level visibility to Cyber Command (CYBERCOM). This is done by:

- Providing centralized management of the JRSS,
- Providing visibility and control over network transport and associated security systems
- Enabling the monitoring and analysis of data to determine the impact on current operations

This centralized capability allows standardization of policies, procedures, and configurations and allows for Cyber Operations to take proactive actions to ensure the uninterrupted availability and protection of information.

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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	9.342	0.000	1.476	-	1.476
Current President's Budget	9.342	0.000	3.196	-	3.196
Total Adjustments	0.000	0.000	1.720	-	1.720
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustment	-	-	1.720	-	1.720

Change Summary Explanation

The increase of \$1.720 for FY 2024 is due to additional network security enhancements that support over 1.7 million users across the Military Departments.

Note: FY 2022 amount includes -\$0.341M that was transferred for the SBIR/STTR program.

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Defense Information Systems Agency										Date: March 2023		
Appropriation/Budget Activity 0400 / 7					R-1 Program Element (Number/Name) PE 0303228K / Joint Information Environment				Project (Number/Name) JE1 / Joint Regional Security Stacks			
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
JE1: Joint Regional Security Stacks	44.298	9.342	0.000	3.196	-	3.196	2.364	1.120	3.386	2.706	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Joint Information Environment (JIE)/The Joint Regional Security Stack (JRSS) is a joint Department of Defense (DoD) security architecture deployed regionally throughout the world. There are fifteen (15) Non-Secure Internet Protocol Router (NIPR) stacks, which are a collection of software components designed to operate as a single unit. E

Each stack is comprised of complementary defensive security solutions that:

- Streamline cybersecurity protections
- Leverage enterprise defensive capabilities with standardized security suites to protect against attacks that disrupt or cause damage to the network
- Protect the JRSS enclaves done on my end, waiting on requests after the separation
- Provide the tool sets necessary to monitor all security mechanisms throughout the network

The JRSS Management System (JMS) provides management and operational control capabilities for the JRSS. The JMS centralizes and enhances the management of JRSS components and achieve economies of scale. The JMS enables DoD Components to maintain Title 10 required management and visibility of IT security while providing high level visibility to Cyber Command (CYBERCOM). This is done by:

- Providing centralized management of the JRSS,
- Providing visibility and control over network transport and associated security systems
- Enabling the monitoring and analysis of data to determine the impact on current operations

This centralized capability allows standardization of policies, procedures, and configurations and allows for Cyber Operations to take proactive actions to ensure the uninterrupted availability and protection of information.

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

	FY 2022	FY 2023	FY 2024
Title: Joint Regional Security Stacks	9.342	-	3.196
Description: The Joint Regional Security Stack (JRSS) is a joint DoD security architecture deployed regionally throughout the world. Each NIPR stack is comprised of complementary defensive security solutions that:			
<ul style="list-style-type: none"> • Remove redundant Information Assurance (IA) protections, which protect against and mitigate risk related to the use, storage, and transmission of data • Leverage enterprise defensive capabilities with standardized security suites that protect against attacks 			

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Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0303228K / Joint Information Environment	Project (Number/Name) JE1 / Joint Regional Security Stacks

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2022	FY 2023	FY 2024
<ul style="list-style-type: none"> • Protect the enclaves (secured portions of the hardware's processor and memory) after the separation of server and user assets • Provide the tool sets necessary to monitor and control all security mechanisms throughout DoD's Joint Information Environment <p>FY 2024 Plans: Will provide cybersecurity testing to maintain accreditation and Authority-To-Operate (ATO) approvals to remain operational. Additionally, will provide integration testing of technology refreshed End-of-Life/End-of-Support hardware and software as well as testing version updates on hardware and software items.</p> <p>FY 2023 to FY 2024 Increase/Decrease Statement: The increase from FY 2023 to FY 2024 is attributed to restoral of a pre-planned RDT&E funding profile to the Operations and Sustainment profile. JRSS entered in FY 2023 per direction of the DoD Modernization Initiative Executive Committee (DMI EXCOM).</p>			
Accomplishments/Planned Programs Subtotals	9.342	-	3.196

C. Other Program Funding Summary (\$ in Millions)												
<u>Line Item</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u> <u>Base</u>	<u>FY 2024</u> <u>OCO</u>	<u>FY 2024</u> <u>Total</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>Cost To Complete</u>	<u>Total Cost</u>	
• O&M: DW: PE 0303228K	60.095	75.640	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
• POC: DW: PE 03030228K	62.657	17.135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing

Remarks

N/A

D. Acquisition Strategy

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Defense Information Systems Agency **Date:** March 2023

Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0303228K / Joint Information Environm ent	Project (Number/Name) JE 1 / Joint Regional Security Stacks
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Support (\$ 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			
Certification Testing	Various	Various : Various	1.532	-		-		-		-		-	0.000	1.532	-
Test and Evaluation Support	Various	JITC : Various	3.744	0.550	Oct 2022	-		2.579	Jul 2024	-		2.579	Continuing	Continuing	-
Integration Test and Modification	Various	Multiple : Various	4.142	0.750	Dec 2021	-		0.617	Feb 2024	-		0.617	Continuing	Continuing	-
Tech Refresh/Functionality Testing	Various	Multiple : Various	7.465	1.245	Dec 2021	-		-		-		-	Continuing	Continuing	-
Analytic Development & Testing (CSAAC)	Various	Multiple : Various	4.820	-		-		-		-		-	0.000	4.820	-
JRSS Integration Test and Acceptance Support	Various	Multiple : Various	11.118	6.797	Jan 2022	-		-		-		-	Continuing	Continuing	-
JRSS Integration Test and Acceptance Support_2	Various	Multiple : Various	6.309	-		-		-		-		-	Continuing	Continuing	-
JRSS Integration Test and Acceptance Support_3	Various	Multiple : Various	5.168	-		-		-		-		-	Continuing	Continuing	-
Subtotal			44.298	9.342		-		3.196		-		3.196	Continuing	Continuing	N/A

	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		44.298	9.342	-		3.196	-	3.196	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Defense Information Systems Agency		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>JIE</i>	
JIE	

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>JIE</i>	
JIE	

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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Defense Information Systems Agency		Date: March 2023
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>JIE</i>				
JIE	1	2017	4	2022