Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Defense Information Systems Agency	Date: March 2024
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide* / BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0303140K / *Information Systems Security Program*

COST ($ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	93.984	6.718	8.351	31.414	-	31.414	31.510	26.727	11.856	9.013	Continuing	Continuing
IA3: *Information Systems Security Program*	93.984	6.718	8.351	31.414	-	31.414	31.510	26.727	11.856	9.013	Continuing	Continuing

A. Mission Description and Budget Item Justification

Cyber Security & Analytics enables mission operations for global partners and the warfighter by providing communications through the delivery of optimized cyber infrastructure solutions. The intent is to be dominant in providing strategic and innovative cyber infrastructure to support Department of Defense (DoD) missions. Cyber Security & Analytics ensures enterprise services evolve support for a joint information assurance model. The joint information assurance model manages risks related to the use, storage, and transmission of information and supports a broad range of information sharing policies across the unclassified and classified communities. The enhancements to SIPRNET and its enablers will help to secure devices on the network.

Cyber Security & Analytics will:
• Test and develop active defensive capabilities.
• Test and integrate software defined networking and orchestration closed-loop security, which through analytics, monitors and assesses network activities to improve network performance and mitigate negative network occurrences.
• Perform research, development, and engineering of emerging cyber situational awareness technologies.
• Improve the network performance by providing architecture support, systems engineering and analytical functions.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	6.973	8.351	8.101	-	8.101
Current President's Budget	6.718	8.351	31.414	-	31.414
Total Adjustments	-0.255	0.000	23.313	-	23.313
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.255	-			
• Adjustment	0.000	-	23.313	-	23.313

Change Summary Explanation

Note: FY 2023 amount includes -$0.255 that was transferred for the Small Business Innovation Research (SBIR) / Small Business Technology Transfer (STTR).

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Defense Information Systems Agency	Date: March 2024
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0303140K *I Information Systems Security Program*

The increase of +$23.313 in FY 2025 is primarily due to foundational enhancements to the SIPRNET and enablers which will provide an enterprise Unified Endpoint Management (UEM) suite of tools to help secure devices on the network. Additionally, funding will provide procurement, building, testing and evaluation of the Algorithms Evolution (AE) capability for production of Public Key Infrastructure (PKI).

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency			Date: March 2024
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0303140K / *Information Systems Security Program*	Project (Number/Name) IA3 / *Information Systems Security Program*	

COST ($ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
IA3: *Information Systems Security Program*	93.984	6.718	8.351	31.414	-	31.414	31.510	26.727	11.856	9.013	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Cyber Security & Analytics enables mission operations for global partners and the warfighter by providing communications through the delivery of optimized cyber infrastructure solutions. The intent is to be dominant in providing strategic and innovative cyber infrastructure to support Department of Defense (DoD) missions. Cyber Security & Analytics ensures enterprise services support a joint information assurance model. The joint information assurance model mitigates risks related to the use, storage, and transmission of information and supports a broad range of information sharing policies across the unclassified and classified communities.

Cyber Security & Analytics will:
• Test and develop active defensive capabilities.
• Test and integrate software defined networking and orchestration closed-loop security, which through analytics, monitors and assesses network activities to improve network performance and mitigate negative network occurrences.
• Perform research, development, and engineering of emerging cyber situational awareness technologies.
• Improve the network performance by providing architecture support, systems engineering and analytical functions.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Automation Technical Integration and Engineering in Cyberspace	0.081	2.498	1.684
Description: This program provides research and development, conducts technology assessments, and provides data to drive real time automation integration decisions and enterprise solutions, ultimately improving the user experience. As DISA moves towards a shared transparency of understanding, automation of technical solutions promotes increased information sharing and improved understanding of interdependencies underlying service operations and mission activities. Emerging information technology must support the current and next-generation warfighters to ensure systems are protected while also leveraging advances in automation to deliver capabilities. Ultimately, these efforts support the achievement of an optimized IT environment to protect against threats in cyberspace that remain dynamic and persistent.			
FY 2024 Plans: Leverage automation capabilities to demonstrate improved service operations in cyberspace. These capabilities will concurrently mature the associated architecture and technical understanding to support portfolio management and user experience. Complete transition from the Software Defined Enterprise (SDE).			
FY 2025 Plans:			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0303140K / *Information Systems Security Program*	**Project (Number/Name)** IA3 / *Information Systems Security Program*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Continue to leverage automation capabilities to demonstrate improved service operations in cyberspace. These capabilities will concurrently mature the associated architecture and technical understanding to support portfolio management and user experience. Focus will be given to the Automation and Integration project. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease of -$0.814 in FY 2025 is due to cost savings identified by shifting the acquisition approach and lowering scope and narrowing focus to the Automation and Integration Project after transitioning from the Software Defined Enterprise (SDE) in FY 2024.			
Title: Zero Trust Architecture (ZTA) ***Description:*** The ZTA project supports the effort to create a Zero Trust Commercial Cloud Lab (ZTCCL). The ZTCCL is an environment to provide an integration space to develop, test, and mature concepts, capabilities, and technology to benefit the DoD Information Network (DoDIN). These concepts, capabilities, and technologies will increase the DoDIN's ability to prevent, detect, respond, and recover from malicious cyber activities while proving scalability to enterprise levels. The ZTCCL will: • Provide a test and development environment to test ZT capabilities within a cloud lab environment. • Provide automations for customer research and development with an activity template to include standard IT domain builds, three tiered applications that improve scalability and availability, and "Gold images" that provide a consistent system baseline for common Operating Systems deployments. The ZT project stemmed from a FY 2018 initial Zero Trust Reference Architecture effort with US Cyber Command, NSA, and DoD-CIO. ***FY 2024 Plans:*** The development of Zero Trust Assessment Tool (ZTAT) will be completed. This effort includes hosting and accreditation. This will allow for the initial utilization of the application by internal mission partners. The fully accredited Amazon Web Services (AWS) Cloud Test environment, ZTCCL, will continue to provide DISA and its mission partners an integration space to develop, test and mature ZT concepts, capabilities, and technologies. ***FY 2025 Plans:***	3.534	4.367	4.276

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0303140K / *Information Systems Security Program*	**Project (Number/Name)** IA3 / *Information Systems Security Program*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Continued expansion of ZTAT capabilities to match the changing security scope from initial implementation to a more robust tool and capability set as DISA moves forward in its Zero Trust Journey. ZTAT's capabilities are also planned to be expanded to support external mission partners. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease of -$0.091 in FY 2025 for ZT is due to the reduced ZTAT testing and implementation as the program completes the initial version of the ZTAT tool and moves focus to refining the tool and bringing it to mission partners.			
Title: Public Key Infrastructure (PKI) ***Description:*** Provide non-reputable digital identities of users, devices, applications, and services for both DoD and external mission partners using hardware and software-based certificate/key pairs, and to provide a suite of capabilities that uses interoperable industry standards (OCSP/CRLs) to enable real-time revocation status of those identities. Enable secure communication at OSI 5/6. ***FY 2024 Plans:*** N/A ***FY 2025 Plans:*** RDT&E funding for the DoD PKI directly supports the requirements/mandate from DoD CIO that the DoD PKI infrastructure Cryptographic Algorithm had to change from (RSA)-2048 to 3072- and 4098-bit algorithm by December 2027. Not only is this requirement for the entire DoD to transition to these stronger Algorithms, but the PKI PMO is responsible for creating the entire infrastructure that the DoD will leverage. This funding supports the procurement, building, testing and evaluation of the Algorithms Evolution (AE) capability for production. DISA will stand up and procure Certificate Authorities for test and evaluation on the SIPRNet to include leveraging the Online Certificate Status Protocol Capabilities and perform token testing to ensure that the DoD Tokens are interoperable with the 4K CA's. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The increase of +$3.000 in FY 2025 supports DISA's activities to change Cryptographic Algorithm from (RSA)-2048 to 3072 and 4098-bit algorithm by December 2027.	1.744	0.000	3.000
Title: Endpoint License and Support ***Description:*** DISA, at the request of the United States Strategic Command (USSTRATCOM) and in support of National Security goals established by the President, has purchased a capability from industry that takes data from Endpoint tools and centralizes it for monitoring and roll up for all Endpoint Security System (ESS) solution(s). This solution will provide data points for network	1.359	1.486	1.454

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0303140K / *Information Systems Security Program*	**Project (Number/Name)** IA3 / *Information Systems Security Program*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
administrators and security personnel with intelligence to prevent, detect, track, report, and remediate malicious computer-related activities and incidents across all DoD networks and information systems. ***FY 2024 Plans:*** Comply to Connect (C2C) will perform proof of concept research for Governance, Risk and Compliance Capability. Research supports appliance updates (hardware/software), vulnerability patching to fix security vulnerabilities, and new capability deployment. All developed items over the course of the research are made available to the enterprise community for implementation. ***FY 2025 Plans:*** The development of a cloud-based integration environment to test endpoint security solutions in real time against automated security vulnerability toolsets. Integrated cloud lab environments allow for faster test and development of requirements and interactions for existing commercial technologies in the endpoint space. Modernization of the DoDIN is crucial to support ZT initiatives and directives while increasing the DoD's ability to respond, at speed, to adversarial use of Artificial Intelligence (AI) and Machine Learning (ML) based attacks. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease of -$0.032 from FY 2024 to FY 2025 is due to program attaining contractor efficiencies in support of the integrated cloud lab environment.			
Title: SIPRNet Endpoint Management ***Description:*** DISA will provide an enterprise Unified Endpoint Management (UEM) suite of tools that will be available to the Department to help secure devices on the network. DISA will invest in people, processes and policy coordination and work with vendors, such as Microsoft and others, to bring Impact Level 5 (IL) security tools over to the Impact Level (IL6) environment that secures the SIPRNet. By porting tools such supporting Unified Endpoint Management, DISA and the DoD gain advantages at scale by having a shared UEM solution that ensures endpoints are operating at a common security level across the SIPRNet domain. Without these tools, the enterprise is left to less efficient and disparate methods for updating devices which leads to varying software versions on the network. ***FY 2024 Plans:*** N/A ***FY 2025 Plans:*** Invest in people, processes and policy coordination and work with vendors to bring IL5 security tools over to the IL6 environment. First, DISA will confirm the software solution for UEM meets needed requirements on IL6. Then, DISA will develop an understanding and document where gaps in coverage might exist and determine what differences, if any, exist between IL5	0.000	0.000	21.000

Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0303140K / *Information Systems Security Program*	**Project (Number/Name)** IA3 / *Information Systems Security Program*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
and IL6 versions of security software. Prior pilot efforts and data collected from tests run on IL5 will enable a quicker move to production. Then, DISA will roll out installation of software on DISA IL6 computers, beginning with computers owned by DISA proper to understand configuration challenges as well as network changes that might be needed to support new UEM software on IL6. DISA will then document and understand the process as well as gaps to better inform risk acceptance and risk tolerance. Once software configuration is confirmed and validated for DISA computers, DISA begin roll out of software to other IL6 enclaves. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The increase of +$21.000 in FY 2025 is to upgrade SIPRNet cybersecurity and promote secure, reliable classified networks			
Accomplishments/Planned Programs Subtotals	6.718	8.351	31.414

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• O&M, DW: *PE 0303140K*	439.790	467.825	460.430	-	460.430	451.070	469.861	423.988	436.004	Continuing	Continuing
• Procurement, DW: *PE 0303140K*	15.364	12.275	25.392	-	25.392	10.697	10.907	11.127	11.342	Continuing	Continuing

Remarks

N/A

D. Acquisition Strategy

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Defense Information Systems Agency			Date: March 2024
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0303140K / *Information Systems Security Program*	Project (Number/Name) IA3 / *Information Systems Security Program*	

Support ($ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ZND Technology Assessment/Evaluation for email capability Tech Refresh	C/FFP	ASRC Federal : Beltsville, MD	16.705	-		-		-		-		-	0.000	16.705	-
DoD Cyber Security Range (CSR) Virtual Training Environment	C/FFP	ManTech : Fairfax, VA	2.198	-		-		-		-		-	0.000	2.198	-
DoD Cyber Security Range (CSR) Virtual Training Environment - Re-compete	C/FFP	ManTech : Fairfax, VA	1.683	-		-		-		-		-	Continuing	Continuing	-
DoD Endpoint Security Solutions (ESS)	C/FFP	Trellix : Ft. Meade Md	1.319	1.359	Sep 2023	-		1.454	Aug 2025	-		1.454	Continuing	Continuing	-
Cyber HQs Support	C/FFP	Bylight : Fort Meade, MD	18.705	-		-		-		-		-	0.000	18.705	-
Joint Information Operations Range (JIOR) Connection	C/FFP	ManTech : Stafford, VA	0.260	-		-		-		-		-	Continuing	Continuing	-
DISA EA Model Development for Cyber Security and Network Technical Domains, DODCAR Cyber Analysis Tool Development	C/FFP	Various : Various	5.430	-		-		-		-		-	Continuing	Continuing	-
Deployment of Blockchain and Next Generation Identity	C/FFP	Various : Various	7.494	-		-		-		-		-	Continuing	Continuing	-
Cyber Innovation and Technology	C/FFP	Various : Various	5.000	-		-		-		-		-	Continuing	Continuing	-
Identity, Credential, and Access Management (ICAM)	C/FFP	Various : Various	27.002	-		-		-		-		-	Continuing	Continuing	-
Sharkseeker	C/FFP	Various : Various	5.023	-		-		-		-		-	Continuing	Continuing	-
Zero Trust Architecture (ZTA)	C/FFP	Man Tech : Fairfax, Va	3.165	3.534	Mar 2023	4.367	Jul 2024	4.276	Jul 2025	-		4.276	Continuing	Continuing	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Defense Information Systems Agency		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0303140K / *Information Systems Security Program*	**Project (Number/Name)** IA3 / *Information Systems Security Program*

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PKI/Software Defined Enterprise	C/FFP	Various : Various	-	1.744	Jan 2023	-		-		-		-	Continuing	Continuing	-
Automation Technical Integration and Engineering in Cyberspace	C/FFP	Various : Various	-	0.081	Nov 2022	2.498	Jan 2024	1.684	Jan 2025	-		1.684	Continuing	Continuing	-
Public Key Infrastructure (PKI)	C/FFP	Various : Various	-	-		-		3.000		-		3.000	Continuing	Continuing	-
SIPRNET Endpoint Management	C/FFP	Various : Various	-	-		-		21.000	Jan 2025	-		21.000	Continuing	Continuing	-
		Subtotal	93.984	6.718		6.865		31.414		-		31.414	Continuing	Continuing	N/A

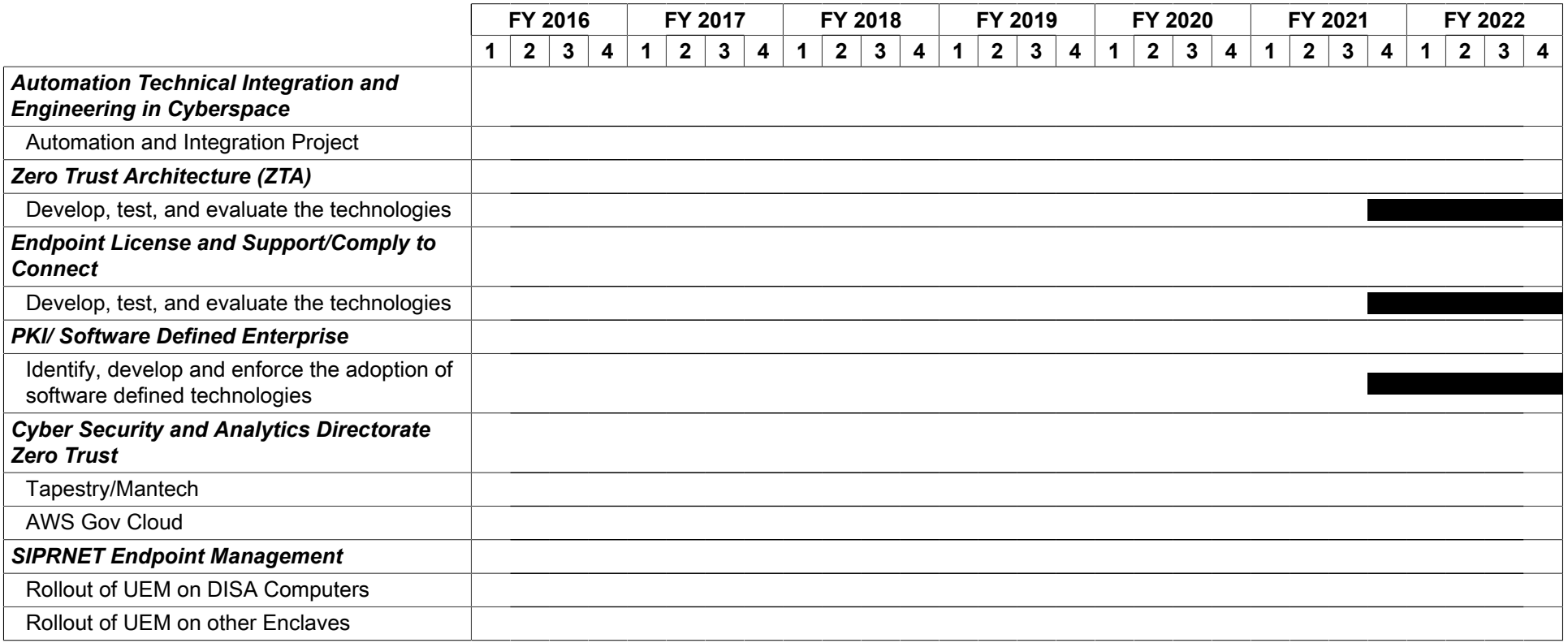
Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Comply to Connect (C2C)	C/FFP	Various : Various	-	-		1.486	Jul 2024	-		-		-	Continuing	Continuing	-
		Subtotal	-	-		1.486		-		-		-	Continuing	Continuing	N/A

	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	93.984	6.718		8.351		31.414		-		31.414	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Defense Information Systems Agency		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0303140K / *Information Systems Security Program*	**Project (Number/Name)** IA3 / *Information Systems Security Program*



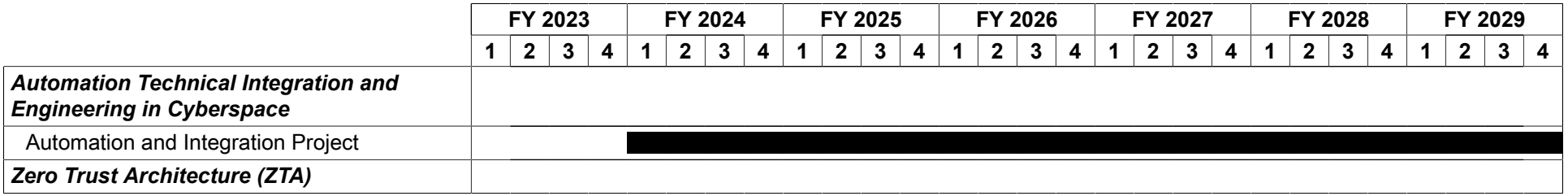


Exhibit R-4, RDT&E Schedule Profile: PB 2025 Defense Information Systems Agency		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0303140K / *Information Systems Security Program*	**Project (Number/Name)** IA3 / *Information Systems Security Program*

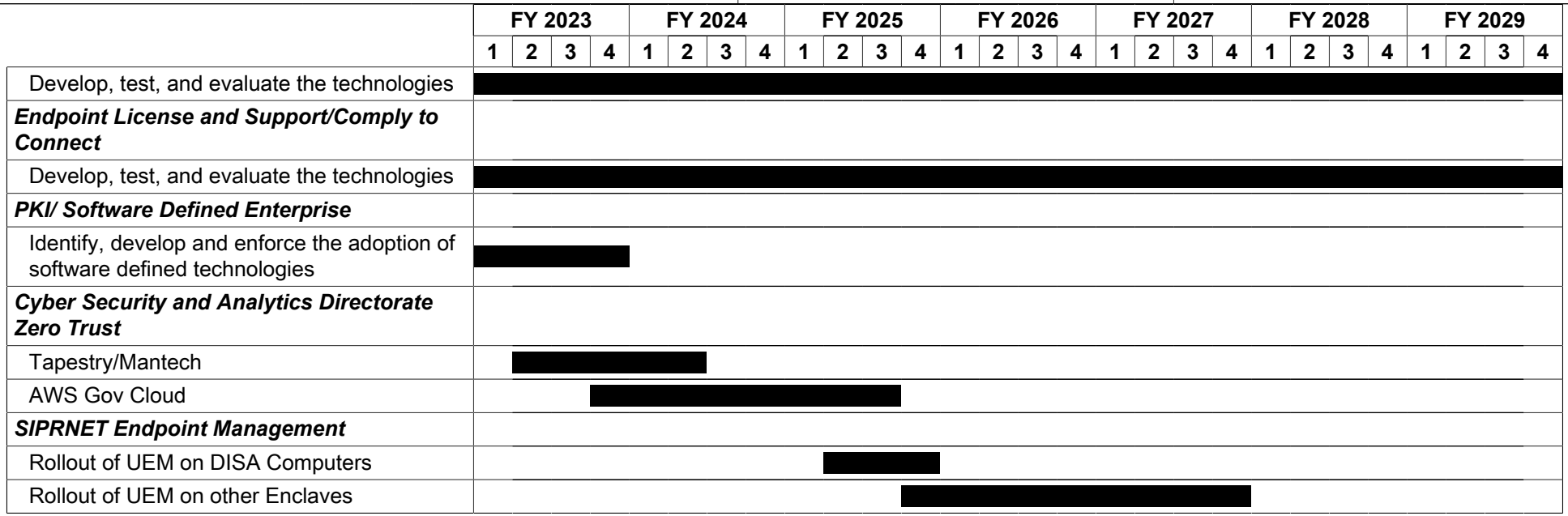


Exhibit R-4A, RDT&E Schedule Details: PB 2025 Defense Information Systems Agency		Date: March 2024
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0303140K / *Information Systems Security Program*	**Project (Number/Name)** IA3 / *Information Systems Security Program*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Automation Technical Integration and Engineering in Cyberspace				
Automation and Integration Project	1	2024	4	2029
Zero Trust Architecture (ZTA)				
Develop, test, and evaluate the technologies	4	2021	4	2029
Endpoint License and Support/Comply to Connect				
Develop, test, and evaluate the technologies	4	2021	4	2029
PKI/ Software Defined Enterprise				
Identify, develop and enforce the adoption of software defined technologies	4	2021	4	2023
Cyber Security and Analytics Directorate Zero Trust				
Tapestry/Mantech	2	2023	2	2024
AWS Gov Cloud	4	2023	3	2025
SIPRNET Endpoint Management				
Rollout of UEM on DISA Computers	2	2025	4	2025
Rollout of UEM on other Enclaves	4	2025	4	2027