Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Army												Date: March 2024
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0604798A *I Brigade Analysis, Integration and Evaluation*							
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	-	22.207	20.828	26.352	-	26.352	26.056	26.160	26.362	26.575	0.000	174.540
DY7: *Army Systems Engineering, Architecture & Analysis*	-	22.207	20.828	26.352	-	26.352	26.056	26.160	26.362	26.575	0.000	174.540

A. Mission Description and Budget Item Justification

This program element is comprised of three projects: Army Systems Engineering, Architecture & Analysis; Army Integration Management & Coordination; and Emerging Technology Initiatives. The specific evaluation requirements will support Mission Command Network (MCN) 2020, the Force 2025 objectives, and emerging technology insertion.

Project DY7: Provides the Army's leadership and materiel developers with the necessary software modernization planning, System of Systems (SoS) engineering and analysis, technical risk analysis, architectural products, critical path analysis, cybersecurity and interoperability risk analysis and the associated mitigation planning for the Army's materiel portfolio. This project develops process, products, and policies that ensure a solid Army Systems Engineering construct across Army Program Executive and Management Offices. This includes efforts in support of Common Operating Environment (COE) governance, implementation of Continuous Integration/ Continuous Delivery (CI/CD) to modernize, and streamline and accelerate the software acquisition process, to include streamlining and modernizing the Army Futures Command's processes using broad Capabilities Needs Statements (CNS) for development of concepts, requirements generation, resource allocation, experimentation, acquisition, logistics, and technology components of the Army Future Force Modernization Enterprise (FFME). Focus areas includes the integration of continuous Soldier feedback of a system into one overall flexible system engineering construct and managing it through adaptable system engineering activities to include implementing a CI/CD model for software to ensure the continuous fielding of integrated capabilities meet the minimal viable products that address mission needs of the force against any potential adversaries. Key adaptable system engineering functions include, engineering and technical analysis, integrated System of Systems (SoS) architecture products, SoS risk analysis and mitigation planning to influence the Army's materiel portfolio to read a minimal viable product for rapid fielding . This project also includes the establishment of Army systems engineering policy and implementation standards, alignment to a CI/CD model, and resource and acquisition synchronization to address cross- portfolio issues. Key CI/CD functions include digital transformation functions include using a unified data reference architecture to enable decision dominance, analysis and mitigation planning to remove institutional barriers preventing CI/CD and delivering software that is flexible and secure by design using modern software practices. Key tasks are the development of integrated Architecture products; Engineering Analysis and Design; Portfolio Analysis; Systems Security Engineering process, interoperability assessments, independent technical risk assessments, Cybersecurity requirements analysis, compliance, Cyber policy assessments, and coordinates the ASA(ALT) community's Data activities including Data Steward and Functional Data Manager in Army Data Governance Forums.

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Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*	**R-1 Program Element (Number/Name)** PE 0604798A *I Brigade Analysis, Integration and Evaluation*

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	21.086	20.828	21.303	-	21.303
Current President's Budget	22.207	20.828	26.352	-	26.352
Total Adjustments	1.121	0.000	5.049	-	5.049
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	1.890	-			
• SBIR/STTR Transfer	-0.769	-			
• Adjustments to Budget Years	-	-	5.049	-	5.049

Change Summary Explanation

Increased funding to support cyber resiliency mitigations associated with identified vulnerabilities in weapon systems.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army											Date: March 2024	
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604798A / *Brigade Analysis, Integration and Evaluation*				Project (Number/Name) DY7 / *Army Systems Engineering, Architecture & Analysis*			
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**
DY7: *Army Systems Engineering, Architecture & Analysis*	-	22.207	20.828	26.352	-	26.352	26.056	26.160	26.362	26.575	0.000	174.540
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Synthesizing Systems Engineering Governance across the Program Executive Offices (PEOs) in support of the Assistant Secretary of the Army (Acquisition, Logistics and Technology)'s (ASA(ALT)) Mission.

The Army has been evolving the need for integrated Data, Engineering, and Software focused on the adjustment of modernization planning by implementing a CI/CD model, adaptable and flexible System of Systems (SoS) engineering and analysis, technical risk analysis that help field the minimal viable products, architectural products, critical path analysis, cybersecurity and interoperability risk analysis and the associated mitigation planning for the Army's materiel portfolio. This includes efforts in support of Common Operating Environment (COE) governance, support of digital transformation considerations in the area of digital engineering, data architecture and modern software practices, the integration of key elements of a system into one overall system engineering construct and managing it through major system engineering activities to ensure the fielding of integrated capabilities meet the mission needs of the force against any potential adversaries. Key system engineering functions include, flexible and adaptable engineering and technical analysis, integrated System of Systems (SoS) architecture products, SoS risk analysis and mitigation planning to influence the Army's materiel portfolio. This also includes the establishment of Army systems engineering policy and implementation standards, requirements decomposition and alignment to a CI/CD model, and resource and acquisition synchronization to address cross-portfolio issues. Key CI/CD functions include digital transformation functions include using a unified data reference architecture to enable decision dominance, analysis and mitigation planning to remove institutional barriers preventing CI/CD and delivering software that is flexible and secure by design using modern software practices. Key tasks are the development of integrated Architecture products; Engineering Analysis and Design; Portfolio Analysis; Systems Security Engineering process, interoperability assessments, independent technical risk assessments, Cybersecurity requirements analysis, Cyber policy assessments, and coordinates the ASA(ALT) community's Data activities including Data Steward and Functional Data Manager in Army Data Governance Forums.

As the Army undergoes digital transformation, data-centricity through data mesh becomes the backbone of communication on the battlefield; modernized software practices enables, accelerates, and streamlines all battlefield capabilities; and digital engineering ensures integration across products and ease of updates as requirements and technologies change. The Office of the Chief Systems Engineer (OCSE), newly known as the Deputy Assistant Secretary of the Army - Data, Engineering and Software DASA(DES) has begun to transform and will lead development of unified, government-owned data architectures that will govern acquisition of data centric capabilities to enable Commanders with the data they need, when they need it, enabling decision dominance and prevent vendor lock. These programs to implement modern software techniques, such as agile software development and Development, Security, and Operations (DevSecOps), resulting in better, faster, more cyber secure capability. ASA(ALT) will also lead Digital Engineering, a holistic approach to complex system design that leverages models, data, and modern software practices for Army acquisition programs to revamp how ASA(ALT) approaches software, data architecture, and product development.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604798A / *Brigade Analysis, Integration and Evaluation*	**Project (Number/Name)** DY7 / *Army Systems Engineering, Architecture & Analysis*

This Project catalyzes, coordinates and integrates data, engineering, and modern software practices throughout a program's life cycle during the acquisition process.This Project will ensure data, engineering, and modern software practices is prioritized and properly implemented by ASA(ALT) Programs of Record. Implementation utilizes modern techniques and leverages open systems architectures concepts in order to ensure rapid, optimal, and secure product delivery into the hands of users.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Systems Engineering Governance	6.333	6.108	6.108
FY 2024 Plans: This Project leads critical resources, tools, and solutions for ASA(ALT) to modernize software acquisition, lead digital engineering, provide oversight of Title X systems engineering functions, and implement software, data, cyber, and engineering governance to improve product delivery and cyber operational readiness for fielded systems. Additionally, has influence over program budgets for acquisition programs of record. General Officer (GO) / SES collaboration is required with key stakeholders across the Army, OSD, and other services, including the U.S. Army Training and Doctrine Command (TRADOC); U.S. Army Futures Command(AFC); Chief Information Officer (CIO); U.S. Army Test and Evaluation Command (ATEC); Deputy Chief of Staff, G-3; Deputy Chief of Staff, G-6; Deputy Chief of Staff, G-2; Army Cyber Command; and U.S. Army Program Executive Officers. The execution of these duties will ultimately change the way the Army delivers capabilities to Soldiers. This Project as full line authority from the Assistant Secretary of the Army (Acquisition, Logistics and Technology). This Project also provides for systems engineering efforts that enable the Army's leadership and materiel developers with the necessary modernization planning, System of Systems (SoS) engineering and analysis, technical risk analysis, architectural products, critical path analysis, cybersecurity and interoperability risk analysis and the associated mitigation planning for the Army's materiel portfolio. This Project develops process, products, and policies that ensure a solid Army Systems Engineering construct across Army Program Executive and Management Offices. This Project includes specific efforts in support of the Army's Data plan that has lines of effort working towards the Joint All Domain Command and Control (JADC2) concept via Data, Systems Engineering, and Software governance, emerging Multi-Domain Operations (MDO) concepts requirements generation, resource allocation, experimentation, acquisition, logistics, and technology components of the Army's Modernization Strategy. Focus areas includes the integration of key elements of a system into one overall system engineering construct and managing it through major system engineering activities to ensure the fielding of integrated capabilities meet the mission needs of the force against any potential adversaries. Key system engineering functions include, engineering and technical risk analysis, establishment of Army Data, systems engineering, and software policy and implementation standards, requirements decomposition and alignment, and resource and acquisition synchronization to address cross-portfolio issues. Key tasks are t to enable the adoption of modern software practices (i.e. DevSecOps, Agile software development...), perform Portfolio Analysis and Software support; execute Systems Security Engineering processes, perform interoperability assessments, perform independent risk assessments, perform Cybersecurity requirements analysis, compliance, Cyber policy assessments, and coordinates the ASA(ALT) community's Data activities including Data Steward and Functional Data Manager in Army Data Governance Forums.			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604798A / *Brigade Analysis, Integration and Evaluation*	**Project (Number/Name)** DY7 / *Army Systems Engineering, Architecture & Analysis*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
The effort includes costs for labor (Government and contractor), support services, travel, training, supplies, facilities, and Information Technology (IT) support for the DASA(DES) Data, Engineering, and Software. This Project also includes support to other Department of Defense (DOD) and international agencies for joint programs and collaboration effort. Major Responsibilities This Project is responsible for ensuring that digital transformation program support considerations, , including digital engineering, data architecture and modern software practices, are integrated into all Army acquisition programs throughout their lifecycle. Specifically, areas that fall fall under this responsibility for the following areas of concentration. Data Architecture Development, Implementation and Integration - Ensure programs develop data architectures, and that they integrate resulting in a holistic data solution within and across tactical and enterprise domains. This data architecture will govern acquisition of data-centric capabilities and reduce the current complexity. It will flatten the Army's data architecture across its echelons for effective and efficient data-driven decision-making as envisioned by Joint All Domain Command and Control (JADC2) and the Army's multi-domain operations (MDO) concept and supporting doctrine.Software Development Acquisition Support and Oversight - Ensure programs implement agile software development and DevSecOps to deliver better capability faster. These modern practices will increase speed, quality, and security of software, while ensuring stakeholder transparency and involvement throughout the development process to deliver the best capability incrementally with rapid feedback from the field. ASA(ALT) is leading the shift to Agile and DevSecOps across the PEOs, as well as, coordinating across the operational, test, and requirements communities to drive culture changes to achieve the goal of Agile and DevSecOps by influencing organizational changes, transformation to a digital workforce, a shift to soldier-centricity in the requirements & development processes, reimagining of current testing & cybersecurity constructs, updating contracting & funding strategies and focus on the intersection of software and data via data centricity. Digital Engineering Policy and Implementation Guidance - Ensure programs implement sound digital engineering practices that enable sharing of data across the Acquisition enterprise. This will be achieved by establishing foundational capabilities and support mechanisms for programs who need a starting point, building on foundations with uniform guidance about how to perform a model-based acquisition, and reaching a state where all our programs are implementing a model-based acquisition and we're assessing program performance using the modeling environment. Independent Technical Risk Assessments (ITRA) - Conduct ITRAs for Major Defense Acquisition Programs (MDAPs). Modular Open Systems Approach (MOSA). Ensure MOSA is implemented in Army Acquisition programs to maximize interoperability, simplify technology refresh, and eliminate vendor lock.			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604798A / *Brigade Analysis, Integration and Evaluation*	**Project (Number/Name)** DY7 / *Army Systems Engineering, Architecture & Analysis*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Systems Engineering and Program Support - Advise programs on statutory and regulatory requirements in support of acquisition milestone decisions. Cyber Policy and Oversight - Ensure threat-informed cyber hardening of programs to prevent compromise of critical, sensitive data. ***FY 2025 Plans:*** This Project leads critical resources, tools, and solutions for ASA(ALT) to modernize software acquisition, lead digital engineering, provide oversight of Title X systems engineering functions, and implement software, data, cyber, and engineering governance to improve product delivery and cyber operational readiness for fielded systems. Additionally, has influence over program budgets for acquisition programs of record. General Officer (GO) / SES collaboration is required with key stakeholders across the Army, OSD, and other services, including the U.S. Army Training and Doctrine Command (TRADOC); U.S. Army Futures Command(AFC); Chief Information Officer (CIO); U.S. Army Test and Evaluation Command (ATEC); Deputy Chief of Staff, G-3; Deputy Chief of Staff, G-6; Deputy Chief of Staff, G-2; Army Cyber Command; and U.S. Army Program Executive Officers. The execution of these duties will ultimately change the way the Army delivers capabilities to Soldiers. This Project as full line authority from the Assistant Secretary of the Army (Acquisition, Logistics and Technology). This Project also provides for systems engineering efforts that enable the Army's leadership and materiel developers with the necessary modernization planning, System of Systems (SoS) engineering and analysis, technical risk analysis, architectural products, critical path analysis, cybersecurity and interoperability risk analysis and the associated mitigation planning for the Army's materiel portfolio. This Project develops process, products, and policies that ensure a solid Army Systems Engineering construct across Army Program Executive and Management Offices. This Project includes specific efforts in support of the Army's Data plan that has lines of effort working towards the Joint All Domain Command and Control (JADC2) concept via Data, Systems Engineering, and Software governance, emerging Multi-Domain Operations (MDO) concepts requirements generation, resource allocation, experimentation, acquisition, logistics, and technology components of the Army's Modernization Strategy. Focus areas includes the integration of key elements of a system into one overall system engineering construct and managing it through major system engineering activities to ensure the fielding of integrated capabilities meet the mission needs of the force against any potential adversaries. Key system engineering functions include, engineering and technical risk analysis, establishment of Army Data, systems engineering, and software policy and implementation standards, requirements decomposition and alignment, and resource and acquisition synchronization to address cross-portfolio issues. Key tasks are t to enable the adoption of modern software practices (i.e. DevSecOps, Agile software development...), perform Portfolio Analysis and Software support; execute Systems Security Engineering processes, perform interoperability assessments, perform independent risk assessments, perform Cybersecurity requirements analysis, compliance,			

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Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604798A / *Brigade Analysis, Integration and Evaluation*	**Project (Number/Name)** DY7 / *Army Systems Engineering, Architecture & Analysis*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Cyber policy assessments, and coordinates the ASA(ALT) community's Data activities including Data Steward and Functional Data Manager in Army Data Governance Forums. The effort includes costs for labor (Government and contractor), support services, travel, training, supplies, facilities, and Information Technology (IT) support for the DASA(DES) Data, Engineering, and Software. This Project also includes support to other Department of Defense (DOD) and international agencies for joint programs and collaboration effort. Major Responsibilities: This Project is responsible for ensuring that digital transformation program support considerations, including digital engineering, data architecture and modern software practices, are integrated into all Army acquisition programs throughout their lifecycle. Specifically, areas that fall fall under this responsibility for the following areas of concentration. Data Architecture Development, Implementation and Integration - Drive, influence and support programs develop data architectures, and that they integrate resulting in a holistic data solution within and across tactical and enterprise domains. This data architecture will govern acquisition of data-centric capabilities and reduce the current complexity. It will flatten the Army's data architecture across its echelons for effective and efficient data-driven decision-making as envisioned by Joint All Domain Command and Control (JADC2) and the Army's multi-domain operations (MDO) concept and supporting doctrine. Software Development Acquisition Support and Oversight - Ensure programs implement agile software development and DevSecOps to deliver better capability faster. These modern practices will increase speed, quality, and security of software, while ensuring stakeholder transparency and involvement throughout the development process to deliver the best capability incrementally with rapid feedback from the field. ASA(ALT) is leading the shift to Agile and DevSecOps across the PEOs, as well as, coordinating across the operational, test, and requirements communities to drive culture changes to achieve the goal of Agile and DevSecOps by influencing organizational changes, transformation to a digital workforce, a shift to soldier-centricity in the requirements & development processes, reimagining of current testing & cybersecurity constructs, updating contracting & funding strategies and focus on the intersection of software and data via data centricity. Digital Engineering Policy and Implementation Guidance - Influence and support programs implement sound digital engineering practices that enable sharing of data across the Acquisition enterprise. This will be achieved by establishing foundational capabilities and support mechanisms for programs who need a starting point, building on foundations with uniform guidance about how to perform a model-based acquisition, and reaching a state where all our programs are implementing a model-based acquisition and we're assessing program performance using the modeling environment. Independent Technical Risk Assessments (ITRA) - Conduct ITRAs for Major Defense Acquisition Programs (MDAPs).			

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Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604798A / *Brigade Analysis, Integration and Evaluation*	**Project (Number/Name)** DY7 / *Army Systems Engineering, Architecture & Analysis*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Modular Open Systems Approach (MOSA). Influence MOSA is implemented in Army Acquisition programs to maximize interoperability, simplify technology refresh, and eliminate vendor lock. Systems Engineering and Program Support - Advise programs on statutory and regulatory requirements in support of acquisition milestone decisions. Cyber Policy and Oversight - Ensure threat-informed cyber hardening of programs to prevent compromise of critical, sensitive data.			
Title: Engineering Support & Services ***FY 2024 Plans:*** This Project supports the ASA(ALT) Data Steward and performs the duties as the Functional Data Manager in Army Data Environment Governance Forums including the Army Data Board (ADB), Army Analytics Board (AAB) and JADC2 Working Groups. In addition to representing the ASA(ALT) in Army data forums improving the ASA(ALT) data environment through the establishment of governance forums, standards, policies and implementation guides in order to facilitate rapid and relevant acquisition, logistics and technology decisions. Continuous maturation of Acquisition, Logistics and Technology Domain data ensures that data is available for successful integration and support of product and program life-cycle requirements, additive and advanced manufacturing, DE, product/technical data, intellectual property management, modular open systems approach and other DoD and Army initiatives. This Project will advance the state of practice of DE across the ASA(ALT) community. This work will also seek to streamline communications between Government and Industry by identification of technical data and emphasis of appropriate implementation of technical data rights. Through the implementation of DE, coordination with Program Office are underway to institutionalize modern engineering processes and integrate those processes through the engineering data they produce in order to establish and maintain traceability from the activities that drive system concept development through system acquisition, fielding, and sustainment to the decision to divest. The Army's DE implementation will establish a workforce equipped with the necessary skills and infrastructure to achieve this goal. To further the Army's modernization efforts, synchronization with the Army's Modeling and Simulation (M&S) Strategy with OSD's DE Strategy will focus current and emerging efforts on the efficient development and use of M&S and MBSE capabilities in order to advance the Army's system development efforts.	6.663	6.497	6.497

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B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
This Project has developed a roadmap for the digital transformation of the ASA(ALT) and has begun executing against that plan through the execution of data analytic use cases which delivers incremental value to the ASA(ALT) and the Army at large. To enable digital transformation, this project will develop playbooks for ASA(ALT) programs to leverage as they digitally transform. These playbooks will provide practical examples of how to plan, execute, monitor, and report on programs using modern practices to be applied to existing and future program. This will lower the barrier to entry for those whom are not experienced in modern practices. This project will provide and execute a framework to effectivity digitally transform programs and provide expertise to help with the transformation in the areas of requirements, contracting, testing, cybersecurity and fielding & operations. THIS PROJECT will continue to transform the ASA(ALT)'s business processes in support of its digital and data centric transformation. This Project will enable the Acquisition lead for the implementation of Digital Engineering. ASA (ALT) has developed a Vision for DE and initiated the development and publication of a DE Policy and DE Implementation Guidance that is aligned with the DoD DE Strategy. This Project will enable representation Army Acquisition in OSD DE forums and is the point of contact within the Army for the governance and processes required for the execution of NDAA, DoD, and Army mandates that involve systems and DE. Army collaboration with OSD for systems and DE issues and identifies and advocates for Army equities during the establishment and implementation of DoD policy involving systems engineering. This Project will execute the responsibility for leading a Digital Thread Operational Integrated Product Team (OIPT) with members from across the Army in order to develop the requirement for the Digital Thread in support of the Army modernization. The Digital Thread is a framework that will provide a means to integrate digital artifacts across organizational boundaries and establishes traceability from initial concept through a fielded and supported piece of equipment and system. This Project enables representation by the Acquisition Community at the Army M&S General Officer Steering Committee (GOSC), Council of Colonels (CoC), and other M&S forums. THIS PROJECT provides guidance to PEOs and PMs to plan for the integrated use of M&S throughout the acquisition lifecycle and coordinates M&S activities within the Army Acquisition Community. ***FY 2025 Plans:*** This Project supports the ASA(ALT) Data Steward and performs the duties as the Functional Data Manager in Army Data Environment. Governance Forums including the Army Data Board (ADB), Army Analytics Board (AAB) and JADC2 Working Groups. In addition to representing the ASA(ALT) in Army data forums improving the ASA(ALT) data environment through the establishment of governance forums, standards, policies and implementation guides in order to facilitate rapid and relevant acquisition, logistics and technology decisions. Continuous maturation of Acquisition, Logistics and Technology Domain data ensures that data is available for successful integration and support of product and program life-cycle requirements, additive and advanced			

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B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
manufacturing, DE, product/technical data, intellectual property management, modular open systems approach and other DoD and Army initiatives. This Project will advance the state of practice of DE across the ASA(ALT) community. This work will also seek to streamline communications between Government and Industry by identification of technical data and emphasis of appropriate implementation of technical data rights. Through the implementation of DE, coordination with Program Office are underway to institutionalize modern engineering processes and integrate those processes through the engineering data they produce in order to establish and maintain traceability from the activities that drive system concept development through system acquisition, fielding, and sustainment to the decision to divest. The Army's DE implementation will establish a workforce equipped with the necessary skills and infrastructure to achieve this goal. To further the Army's modernization efforts, synchronization with the Army's Modeling and Simulation (M&S) Strategy with OSD's DE Strategy will focus current and emerging efforts on the efficient development and use of M&S and MBSE capabilities in order to advance the Army's system development efforts. This Project has developed a roadmap for the digital transformation of the ASA(ALT) and has begun executing against that plan through the execution of data analytic use cases which delivers incremental value to the ASA(ALT) and the Army at large. To enable digital transformation, this project will develop playbooks for ASA(ALT) programs to leverage as they digitally transform. These playbooks will provide practical examples of how to plan, execute, monitor, and report on programs using modern practices to be applied to existing and future program. This will lower the barrier to entry for those whom are not experienced in modern practices. This project will provide and execute a framework to effectivity digitally transform programs and provide expertise to help with the transformation in the areas of requirements, contracting, testing, cybersecurity and fielding & operations. THIS PROJECT will continue to transform the ASA(ALT)'s business processes in support of its digital and data centric transformation. This Project will enable the Acquisition lead for the implementation of Digital Engineering. ASA (ALT) has developed a Vision for DE and initiated the development and publication of a DE Policy and DE Implementation Guidance that is aligned with the DoD DE Strategy. This Project will enable representation Army Acquisition in OSD DE forums and is the point of contact within the Army for the governance and processes required for the execution of NDAA, DoD, and Army mandates that involve systems and DE. Army collaboration with OSD for systems and DE issues and identifies and advocates for Army equities during the establishment and implementation of DoD policy involving systems engineering. This Project will execute the responsibility for leading a Digital Thread Operational Integrated Product Team (OIPT) with members from across the Army in order to develop the requirement for the Digital Thread in support of the Army modernization. The Digital Thread is a framework that will provide a means to integrate digital artifacts across organizational boundaries and establishes traceability from initial concept through a fielded and supported piece of equipment and system. This Project enables representation by the Acquisition Community at the Army M&S General Officer Steering Committee (GOSC), Council of Colonels			

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B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
(CoC), and other M&S forums. THIS PROJECT provides guidance to PEOs and PMs to plan for the integrated use of M&S throughout the acquisition lifecycle and coordinates M&S activities within the Army Acquisition Community.			
Title: Strategic Engineering Guidance	8.788	8.223	8.297
FY 2024 Plans: This Project will continue in the development of MOSA policy and implementation guidance, in accordance with NDAA FY 2017 2466a/ b/c, that leads to the certification of MOSA in MDAPs. Other responsibilities include confirming that Army programs proceeding to Milestone B have incorporated clearly defined major subsystem interfaces between the major system platform and major system components, between major system components, and between major system platforms, and that these major system interfaces are consistent with the widely supported and consensus-based standards. This Project will continue to provide overarching governance, promulgation, and integration of the programs of record through a cross functional IPT that emphasizes lessons learned and best practices for RAM. Assist programs in the research for root causes of reliability issues and provide detailed assessment along with recommendation to senior leadership. This Project will supervise the major RAM program elements to ensure that operationally focused, achievable, affordable, and testable RAM requirements are included in the requirements documentation and the Department of the Army (DA) decision-making process. Assist in Army staff evaluation of proposed changes to operational systems' RAM characteristics in product improvement programs. As the Army implements the Army's People Strategy, this Project supports the functional lead for Engineering by identifying skills gaps and recommending the needed training. This Project will also promote workforce development efforts to improve the level of systems engineering competency through credentials that provide focused enhanced skills in Digital, Data and Systems engineering, modern agile software development, and Cybersecurity, by developing persona based curriculum that will focus on providing PEOs the ability to effectively manage digitally transformed programs.This Project will include engineering support to OSD and the Army to oversee the growth of civilian talent to support ASA(ALT) Systems Engineering requirements. This includes recommending improvements in Training, Education, Rotational Assignments, and Mentoring for a Systems Engineering (SE) work force across the Army. This office will support ASA(ALT) in the development of the Human Capital Strategic Plan (HCSP) and refinement of the System Engineering Functions with OSD. This Project will lead, plan, integrate and synchronize information cybersecurity efforts across ASA(ALT) including PEOs and headquarters. Identify crosscutting issues and opportunities from across the PEOs requiring ASA(ALT) senior leader attention. Represent ASA(ALT) cybersecurity equities in external stakeholder forums (e.g. Army Cyberspace Council, CIO Executive Board). Review and shape all cyberspace related strategies, policies, and orders affecting ASA(ALT) from OSD, HQDA, and ARCYBER; and elevate issues to the Chief Systems Engineer as needed. Synchronize architectures between enterprise and acquisition systems. Support critical modernization of unsupported software for secure operations. Assist and respond with data call requests,			

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Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604798A / *Brigade Analysis, Integration and Evaluation*	**Project (Number/Name)** DY7 / *Army Systems Engineering, Architecture & Analysis*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
synchronization efforts, and IPRs with DoD CIO and the HQDA G-6, ARCYBER, and the VCSA. Leverage cybersecurity policy as a technology enabler. Fulfill cybersecurity functions mandated by public law, federal directives, and DoD/Army policy. Coordinate, optimize, and monitor Risk Management Framework (RMF) execution among PEOs, assist with common issues requiring senior leader attention, and liaise with CIO and the HQDA G-6. Ensure appropriate transfer of Enterprise Mission Assurance Support Service (eMASS) records for systems that transitioned to sustainment. Serve as approval authority for ASA(ALT) HQ eMASS accounts and Army Training & Certification Tracking System (ATCTS) records, as well as for reviewing and approving system transfers to sustainment in the Army Program Management System (APMS). ASA(ALT) staff point of contact for acquisition concerns related to cyberspace through the Chief Cyber Acquisition Officer. This Project provides ASA(ALT) response to major cyberspace incidents requiring ASA(ALT) Principal leader awareness. This includes but is not limited to coordinating with PEO staffs at all levels in order to analyze requirements/orders, facilitate guidance, present findings/status, and interface with Army Cyber Command (ARCYBER) and/or other HQDA organizations. In accordance with AR 70-75, coordinate Army survivability policy and guidance in Army acquisition efforts related to cyberspace. Represent HQDA on boards and committees concerning materiel survivability matters related to cyberspace. Coordinate and lead an assessment of the ASA(ALT) portfolio to apply a rigorous, systems engineering approach to consider cyber resilience within the Acquisition trade-space (e.g. performance attribute). Identify systemic vulnerabilities and coordinate the development and implementation of enterprise solutions to mitigate those vulnerabilities. Develop and implement a risk-based process to assess the impact of vulnerabilities and assist with prioritization of funding for corrective actions for high risk vulnerabilities. Coordinate with PEO Simulation, Training and Instrumentation (STRI) regarding the certification and implementation of cyber acquisition assessment teams in order to facilitate the reduction of risk across the ASA(ALT) portfolio. Coordinate with PEO staffs on the integration of traditional cybersecurity (risk management framework) and cyber resilience survivability. Coordinate the Cyber Acquisition Task Force to unify strategy and execution of cyber resilience efforts across Army. Synchronize ASA(ALT) cyber resilience strategies with OSD, United States Cyber Command (USCYBERCOM), and joint Service counterparts. NDAA Sec 807 Responsible for the conduct and execution of Post-PDR/CDR and ITRA for all Army ACAT 1/2 programs where the AAE serves as the Milestone Decision Authority (MDA). The reviews will provide recommendations on Technical Risk and PDR/CDR sufficiency, and both will be included in the MDA package for the Milestone Review, approval, and certification. This Project will establish strategic engineering guidance for cyberspace by developing and overseeing the implementation of technical processes and tools. Develop objective architecture (e.g. data structures, warehouses, interactions, products) and drive implementation of Information Security Architectures from a SoS perspective. As needed, coordinate engineering change request to federate existing Army business processes and systems. Synchronize with Army policy/strategy and with mission system owners. As needed, conduct engineering-assessments of crosscutting cyber focused architectures, solutions, and capabilities proposed by Programs of Record, Cross Functional Teams, and Rapid Capabilities and Critical Technologies Office. Increase engineering rigor though policies, processes, tools, and technical oversight across systems and systems-of-systems in order to			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0604798A / *Brigade Analysis, Integration and Evaluation*	**Project (Number/Name)** DY7 / *Army Systems Engineering, Architecture & Analysis*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
maximize the cyberspace survivability of the Army Acquisition portfolio. Define, publish, and revise as needed a standardized Cyber Acquisition Discipline Artifact for PMs to demonstrate the repeatable implementation of cyber survivability attributes during decision point reviews. Develop and maintain an Implementation Guidebook to improve awareness and consistency of related planning and execution. Support the AAE in reviewing the Cyber Acquisition Discipline Implementation Assessment during decision reviews for all Acquisition Category 1 and 2 programs, as well as MDAs/DAs for other systems as requested. Lead the development of cyberspace contract language requirements and templates, and publish in policy for the acquisition workforce. IAW AR-70-75, represent HQDA on boards and committees concerning materiel survivability matters related to cyberspace resilience. Serve as HQDA lead responsible for tracking and monitoring cyberspace remediation (find-fix-verify) as recommended by the Department of Defense Office of Inspector General (DODIG). Provide engineering governance for emerging cyberspace related capabilities and advances to include artificial intelligence, cloud-computing governance, Development, Security and Operations (DevSecOps), supply chain risk management, zero trust, etc. Ensure ASA(ALT)'s cyber-related roadmaps align with Army/DoD CIO regarding data, cloud migration, data centers, etc. Analyze requirements and opportunities as well as publish ASA(ALT) internal Technical Bulletins and other information papers to inform PMs. Coordinate with capability developers to establish systems engineering criteria in order to ensure new requirements documents address cyber resilience. Coordinate with Army Materiel Command to establish policy and processes that shall maintain cybersecurity and survivability for programs transitioning to sustainment. Lead, in coordination with HQDA G-3/5/7, the establishment of the materiel component of the cyber readiness framework as an interface between systems and operations, which requires authoritative and accessible data from the acquisition and sustainment communities to reduce operational risk. This Project will serve as the ASA(ALT) lead for System Security Engineering (SSE). Army requires a professional and effective SSE workforce, which is separate from information system security management (ISSM) or network defense functions. SSE contributes to a broad-based, holistic security perspective and focus within the systems engineering (SE) discipline. SSE ensures stakeholder protection needs and security concerns are properly identified and addressed in all engineering stages of the system life cycle. Coordinate with OUSD to define the DoD body of knowledge for SSE. Ensure duties align with prescribed training, experience, and certification. Coordinate appointment and implementation and facilitate collaboration across PEOs through meetings and publications. ***FY 2025 Plans:*** This Project will continue in the development of MOSA policy and implementation guidance, in accordance with NDAA FY 2017 2466a/ b/c, that leads to the certification of MOSA in MDAPs. Other responsibilities include confirming that Army programs proceeding to Milestone B have incorporated clearly defined major subsystem interfaces between the major system platform and major system components, between major system components, and between major system platforms, and that these major system interfaces are consistent with the widely supported and consensus-based standards. This Project will continue			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
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B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
to provide overarching governance, promulgation, and integration of the programs of record through a cross functional IPT that emphasizes lessons learned and best practices for RAM. Assist programs in the research for root causes of reliability issues and provide detailed assessment along with recommendation to senior leadership. This Project will supervise the major RAM program elements to ensure that operationally focused, achievable, affordable, and testable RAM requirements are included in the requirements documentation and the Department of the Army (DA) decision-making process. Assist in Army staff evaluation of proposed changes to operational systems' RAM characteristics in product improvement programs. As the Army implements the Army's People Strategy, this Project supports the functional lead for Engineering by identifying skills gaps and recommending the needed training. This Project will also promote workforce development efforts to improve the level of systems engineering competency through credentials that provide focused enhanced skills in Digital, Data and Systems engineering, modern agile software development, and Cybersecurity, by developing persona based curriculum that will focus on providing PEOs the ability to effectively manage digitally transformed programs. This Project will include engineering support to OSD and the Army to oversee the growth of civilian talent to support ASA(ALT) Systems Engineering requirements. This includes recommending improvements in Training, Education, Rotational Assignments, and Mentoring for a Systems Engineering (SE) work force across the Army. This office will support ASA(ALT) in the development of the Human Capital Strategic Plan (HCSP) and refinement of the System Engineering Functions with OSD. This Project will lead, plan, integrate and synchronize information cybersecurity efforts across ASA(ALT) including PEOs and headquarters. Identify crosscutting issues and opportunities from across the PEOs requiring ASA(ALT) senior leader attention. Represent ASA(ALT) cybersecurity equities in external stakeholder forums (e.g. Army Cyberspace Council, CIO Executive Board). Review and shape all cyberspace related strategies, policies, and orders affecting ASA(ALT) from OSD, HQDA, and ARCYBER; and elevate issues to the Chief Systems Engineer as needed. Synchronize architectures between enterprise and acquisition systems. Support critical modernization of unsupported software for secure operations. Assist and respond with data call requests, synchronization efforts, and IPRs with DoD CIO and the HQDA G-6, ARCYBER, and the VCSA. Leverage cybersecurity policy as a technology enabler. Fulfill cybersecurity functions mandated by public law, federal directives, and DoD/Army policy. Coordinate, optimize, and monitor Risk Management Framework (RMF) execution among PEOs, assist with common issues requiring senior leader attention, and liaise with CIO and the HQDA G-6. Ensure appropriate transfer of Enterprise Mission Assurance Support Service (eMASS) records for systems that transitioned to sustainment. Serve as approval authority for ASA(ALT) HQ eMASS accounts and Army Training & Certification Tracking System (ATCTS) records, as well as for reviewing and approving system transfers to sustainment in the Army Program Management System (APMS). ASA(ALT) staff point of contact for acquisition concerns related to cyberspace through the Chief Cyber Acquisition Officer. This Project provides ASA(ALT) response to major cyberspace incidents requiring ASA(ALT) Principal leader awareness. This includes			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
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B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
but is not limited to coordinating with PEO staffs at all levels in order to analyze requirements/orders, facilitate guidance, present findings/status, and interface with Army Cyber Command (ARCYBER) and/or other HQDA organizations. In accordance with AR 70-75, coordinate Army survivability policy and guidance in Army acquisition efforts related to cyberspace. Represent HQDA on boards and committees concerning materiel survivability matters related to cyberspace. Coordinate and lead an assessment of the ASA(ALT) portfolio to apply a rigorous, systems engineering approach to consider cyber resilience within the Acquisition trade-space (e.g. performance attribute). Identify systemic vulnerabilities and coordinate the development and implementation of enterprise solutions to mitigate those vulnerabilities. Develop and implement a risk-based process to assess the impact of vulnerabilities and assist with prioritization of funding for corrective actions for high risk vulnerabilities. Coordinate with PEO Simulation, Training and Instrumentation (STRI) regarding the certification and implementation of cyber acquisition assessment teams in order to facilitate the reduction of risk across the ASA(ALT) portfolio. Coordinate with PEO staffs on the integration of traditional cybersecurity (risk management framework) and cyber resilience survivability. Coordinate the Cyber Acquisition Task Force to unify strategy and execution of cyber resilience efforts across Army. Synchronize ASA(ALT) cyber resilience strategies with OSD, United States Cyber Command (USCYBERCOM), and joint Service counterparts. NDAA Sec 807 Responsible for the conduct and execution of Post-PDR/CDR and ITRA for all Army ACAT 1/2 programs where the AAE serves as the Milestone Decision Authority (MDA). The reviews will provide recommendations on Technical Risk and PDR/CDR sufficiency, and both will be included in the MDA package for the Milestone Review, approval, and certification. This Project will establish strategic engineering guidance for cyberspace by developing and overseeing the implementation of technical processes and tools. Develop objective architecture (e.g. data structures, warehouses, interactions, products) and drive implementation of Information Security Architectures from a SoS perspective. As needed, coordinate engineering change request to federate existing Army business processes and systems. Synchronize with Army policy/strategy and with mission system owners. As needed, conduct engineering-assessments of crosscutting cyber focused architectures, solutions, and capabilities proposed by Programs of Record, Cross Functional Teams, and Rapid Capabilities and Critical Technologies Office. Increase engineering rigor though policies, processes, tools, and technical oversight across systems and systems-of-systems in order to maximize the cyberspace survivability of the Army Acquisition portfolio. Define, publish, and revise as needed a standardized Cyber Acquisition Discipline Artifact for PMs to demonstrate the repeatable implementation of cyber survivability attributes during decision point reviews. Develop and maintain an Implementation Guidebook to improve awareness and consistency of related planning and execution. Support the AAE in reviewing the Cyber Acquisition Discipline Implementation Assessment during decision reviews for all Acquisition Category 1 and 2 programs, as well as MDAs/DAs for other systems as requested. Lead the development of cyberspace contract language requirements and templates and publish in policy for the acquisition workforce. IAW AR-70-75, represent HQDA on boards and committees concerning materiel survivability matters related to cyberspace resilience. Serve as HQDA lead responsible for tracking and monitoring cyberspace remediation (find-fix-verify) as recommended by the Department of Defense Office of Inspector General (DODIG). Provide engineering governance for emerging cyberspace			

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
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B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
related capabilities and advances to include artificial intelligence, cloud-computing governance, Development, Security and Operations (DevSecOps), supply chain risk management, zero trust, etc. Ensure ASA(ALT)'s cyber-related roadmaps align with Army/DoD CIO regarding data, cloud migration, data centers, etc. Analyze requirements and opportunities as well as publish ASA(ALT) internal Technical Bulletins and other information papers to inform PMs. Coordinate with capability developers to establish systems engineering criteria in order to ensure new requirements documents address cyber resilience. Coordinate with Army Materiel Command to establish policy and processes that shall maintain cybersecurity and survivability for programs transitioning to sustainment. Lead, in coordination with HQDA G-3/5/7, the establishment of the materiel component of the cyber readiness framework as an interface between systems and operations, which requires authoritative and accessible data from the acquisition and sustainment communities to reduce operational risk. This Project will serve as the ASA(ALT) lead for System Security Engineering (SSE). Army requires a professional and effective SSE workforce, which is separate from information system security management (ISSM) or network defense functions. SSE contributes to a broad-based, holistic security perspective and focus within the systems engineering (SE) discipline. SSE ensures stakeholder protection needs and security concerns are properly identified and addressed in all engineering stages of the system life cycle. Coordinate with OUSD to define the DoD body of knowledge for SSE. Ensure duties align with prescribed training, experience, and certification. Coordinate appointment and implementation and facilitate collaboration across PEOs through meetings and publications. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increased funding reflects the planned lifecycle of the effort.			
Title: Facilities and IT Support ***Description:*** Provides funding for infrastructure/facilities and IT support. ***FY 2025 Plans:*** Provides funding for infrastructure/facilities and IT support. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Provides funding for infrastructure/facilities and IT support.	0.423	-	0.450
Title: Cyber Resiliency Mitigations ***FY 2025 Plans:*** Program Offices will begin cyber vulnerability remediation efforts. These efforts are based on requests to address discovered and enumerated findings from DoD Strategic Cybersecurity Program, Defense Cyber Red Teams, other Defensive Cyberspace Operations, and other assessments. Each specific request (classified) is verified as operationally-relevant and threat-informed.	-	-	5.000

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army		Date: March 2024
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B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
The Office of the ASA(ALT) will oversee execution of specific (classified) efforts, while analyzing urgent, emergent requests for potential reprioritization. The Office will all continue coordination with programs, operational stakeholders, and the intelligence community to capture proposed remediation effort for future year execution. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increased funding to accelerate the Army's ability to mitigate and remediate identified vulnerabilities in critical weapon systems and kill chains.			
Accomplishments/Planned Programs Subtotals	22.207	20.828	26.352

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

This project does not have any requirement for direct procurement of hardware or software.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army			Date: March 2024
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Product Development ($ 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
Systems Engineering Governance Core Labor	TBD	Office of the Chief Systems Engineer (OCSE) : Various	-	1.796	Nov 2019	2.020	Oct 2022	2.020	Oct 2024	-		2.020	Continuing	Continuing	-
Systems Engineering Governance Matrix Labor	TBD	Various : Various	-	0.822	Nov 2019	0.373	Oct 2022	0.373	Oct 2024	-		0.373	Continuing	Continuing	-
Systems Engineering Governance Contract Labor	TBD	TBD : Various	-	2.576	Nov 2022	2.576	Dec 2023	2.576	Dec 2024	-		2.576	Continuing	Continuing	-
Systems Engineering Governance FFRDC Labor	TBD	MITRE : Various	-	1.139	Nov 2019	1.139	Oct 2022	1.139	Oct 2024	-		1.139	Continuing	Continuing	-
Engineering Support and Services Core Labor	TBD	Office of the Chief Systems Engineer (OCSE) : Various	-	2.105	Nov 2019	2.305	Oct 2022	2.305	Oct 2024	-		2.305	Continuing	Continuing	-
Engineering Support and Services Matrix Labor	TBD	Various : Various	-	0.940	Nov 2019	0.426	Oct 2022	0.426	Oct 2024	-		0.426	Continuing	Continuing	-
Engineering Support and Services Contract Labor	TBD	TBD : Various	-	2.938	Nov 2022	2.938	Dec 2023	2.938	Dec 2024	-		2.938	Continuing	Continuing	-
Engineering Support and Services FFRDC Labor	TBD	MITRE : Various	-	0.680	Nov 2019	0.828	Oct 2022	0.828	Oct 2024	-		0.828	Continuing	Continuing	-
Strategic Engineering Guidance Core Labor	TBD	Office of the Chief Systems Engineer (OCSE) : Various	-	3.042	Nov 2019	2.968	Oct 2022	3.042	Oct 2024	-		3.042	Continuing	Continuing	-
Strategic Engineering Guidance Matrix Labor	TBD	Various : Various	-	1.208	Nov 2019	0.549	Oct 2022	0.549	Oct 2024	-		0.549	Continuing	Continuing	-
Strategic Engineering Guidance Contract Labor	TBD	TBD : Various	-	3.774	Nov 2022	3.774	Dec 2023	3.774	Dec 2024	-		3.774	Continuing	Continuing	-
Strategic Engineering Guidance FFRDC Labor	TBD	MITRE : Various	-	0.764	Nov 2019	0.932	Oct 2022	0.932	Oct 2024	-		0.932	Continuing	Continuing	-
Cyber Resiliency Mitigation	TBD	TBD : Various	-	-		-		5.000		-		5.000	Continuing	Continuing	-
		Subtotal	-	21.784		20.828		25.902		-		25.902	Continuing	Continuing	N/A

Remarks

Note: 1

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army			Date: March 2024
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Product Development ($ 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
- Program Activities performed at Aberdeen Proving Ground (MD), Taylor Bldg, (Crystal City, VA), Pentagon, (Washington DC), TACOM (Warren, MI)															

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
Facilities and IT Support	Option/ Various	Various: Note: 1 : National Capital Region	4.935	0.423	Nov 2019	-		0.450	Nov 2024	-		0.450	0.423	6.231	-
		Subtotal	4.935	0.423		-		0.450		-		0.450	0.423	6.231	N/A

Remarks

Note:1

- Program Activities performed at Aberdeen Proving Ground (MD), Taylor Bldg, (Crystal City, VA), Pentagon, (Washington DC), TACOM (Warren, MI)

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	4.935	22.207		20.828		26.352		-		26.352	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Army		Date: March 2024
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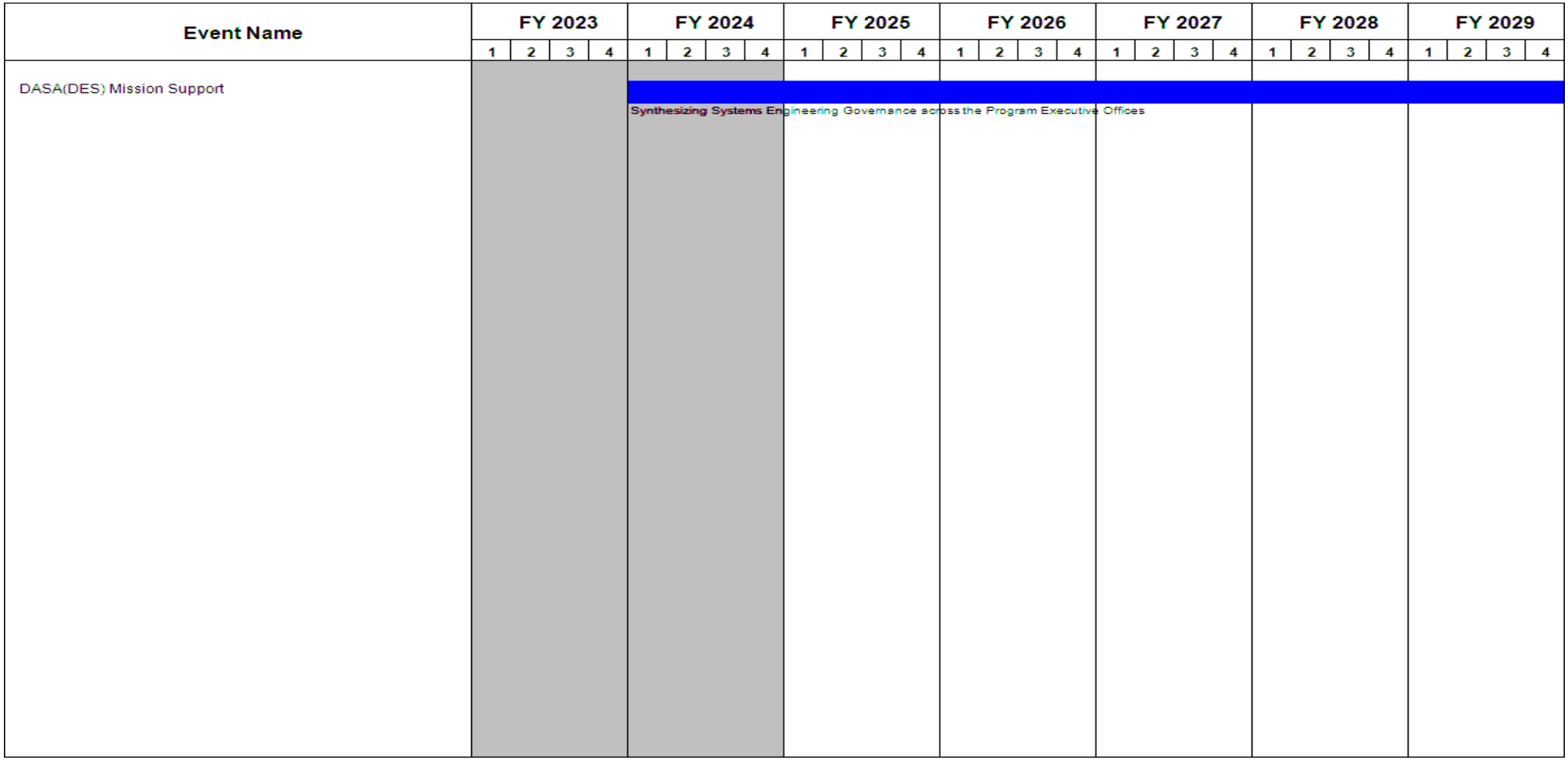

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Army		Date: March 2024
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Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
DASA(DES) Mission Support	1	2024	4	2029

Note

Capability Set (CS)

Common Operating Environment (COE):
Army Interoperability Certification (AIC), Command Post Computing Environment (CPCE), Critical Design Review (CDR), Mounted Computing Environment (MCE), Network Integration Evaluation (NIE), Operational Test (OT)