Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Army											Date: March 2024	
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0605054A / *Emerging Technology Initiatives*							
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	-	212.750	201.274	164.734	-	164.734	99.218	76.713	77.550	78.321	0.000	910.560
DJ9: *Guam Defense System - Management*	-	-	-	50.902	-	50.902	-	-	-	-	0.000	50.902
FI3: *Rapid Capability Development and Maturation*	-	200.218	188.173	100.576	-	100.576	85.672	62.872	63.558	64.192	0.000	765.261
FL7: *Rapid Capability Support*	-	12.532	13.101	13.256	-	13.256	13.546	13.841	13.992	14.129	0.000	94.397

Note

In Fiscal Year (FY) 2025, Project DJ9/Guam Defense System - Management is a new start within the PE 0605054A /Emerging Technology Initiatives program.

A. Mission Description and Budget Item Justification

Emerging Technology Initiatives funds prototyping and demonstration, fielding and sustainment of selected technology enabled capabilities to defeat emerging threats against ground, aviation, command, control, communications & reconnaissance systems and equipment, precision weapons, and Soldier equipment. Funding facilitates maturation and demonstration of emerging technologies and systems in relevant varied environments and tactical/operational scenarios. The primary goal is to deliver experimental prototypes for residual combat capability through a collaborative and accelerated acquisition process for transition to a Program of Record in an Army or DoD Program Management Office. Technologies will be demonstrated in operational environments, performing tactical/operational scenarios. Additionally, funds support the Air & Missile Defense (AMD) Army Modernization Priority.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	244.047	201.274	113.834	-	113.834
Current President's Budget	212.750	201.274	164.734	-	164.734
Total Adjustments	-31.297	0.000	50.900	-	50.900
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-25.001	-			
• SBIR/STTR Transfer	-6.296	-			
• Adjustments to Budget Years	-	-	50.900	-	50.900

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 0605054A *I Emerging Technology Initiatives*

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2023	FY 2024
Project: FI3: *Rapid Capability Development and Maturation*		
Congressional Add: *Program Increase: Semi-Autonomous Offensive Swarming*	9.000	-
Congressional Add: *Program Increase: C-sUAS HEL Atmospheric Study and Prototype Sensors*	15.000	-
Congressional Add: *Program Increase: Palletized High Energy Laser*	5.000	-
Congressional Add: *Program Increase: Counter UAS Technologies*	25.000	-
Congressional Add: *Program Increase: Extended Shortwave Infrared Sensor for High Energy Lasers*	5.000	-
Congressional Add Subtotals for Project: FI3	59.000	-
Congressional Add Totals for all Projects	59.000	-

Change Summary Explanation

Increased funding reflects the new start Guam Defense System - Management within the Emerging Technology Initiatives program in FY 2025.

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 0605054A / *Emerging Technology Initiatives*	Project (Number/Name) DJ9 / *Guam Defense System - Management*	

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
DJ9: *Guam Defense System - Management*	-	-	-	50.902	-	50.902	-	-	-	-	0.000	50.902
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Guam Defense System - Management is a new start within the Emerging Technology Initiatives program in FY 2025.

A. Mission Description and Budget Item Justification

In response to section 1660(b) of the FY23 NDAA, the Army was designated as the Service Acquisition Executive (SAE) for the Joint Special Interest ACAT 1D Integrated Air and Missile Defense of Guam (IAMDoG) program. The funds allocated to this project support the development and integration of Joint capability for the Defense of Guam against Air and Missile threats. The initial effort optimizes architecture design and synchronizes currently programmed Joint capability for the immediate Defense of Guam. Extended efforts focus on the development of a single system (Guam Defense System) that integrates several Service and Agency command and control systems into a Joint integrated battle management capability.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: IAMDoG	-	-	50.902
Description: The funds allocated to this project support manning and other costs to operate the Joint Program Executive Office (JPEO) for Integrated Air and Missile Defense of Guam (IAMDoG). Costs include but are not limited to RCCTO Core Civilians, Matrix, and Contractors supporting IAMDoG System, other Agency and Service members of the JPEO, facilities to include a Special Access Program (SAP) Systems Integration Laboratory (SIL)/Hardware in the Loop (HWIL), information technology, and other Shared Support Costs. Studies performed or directed by JPEO IAMDoG and additional expertise on programs supporting the IAMDoG architecture are included. The JPEO is working with other Services and Agencies developing and integrating IAMD systems on Guam to determine resourcing requirements for FY26 and beyond. Additionally, the FY25 study program will provide analytical underpinnings to inform future investment requirements. ***FY 2025 Plans:*** Full staffing of the JPEO, initial operation of the Guam Defense System digital environment; and completion of independent studies to inform and scope the effort to optimize the Joint Integrated Air and Missile Defense architecture. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Funding increase of $50.902M reflects the new start Guam Defense System - Management within the Emerging Technology Initiatives program in FY 2025.			
Accomplishments/Planned Programs Subtotals	-	-	50.902

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 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** DJ9 / *Guam Defense System - Management*

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army			Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605054A / *Emerging Technology Initiatives*	Project (Number/Name) DJ9 / *Guam Defense System - Management*	

Management Services ($ 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
IAMDoG Labor Support	TBD	TBD : TBD	-	-		-		22.902		-		22.902	0.000	22.902	-
		Subtotal	-	-		-		22.902		-		22.902	0.000	22.902	N/A

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
IAMDoG Integration Laboratory Development and Architecture Studies	TBD	TBD : TBD	-	-		-		25.300		-		25.300	0.000	25.300	-
		Subtotal	-	-		-		25.300		-		25.300	0.000	25.300	N/A

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
IAMDoG Support Costs	TBD	TBD : TBD	-	-		-		2.700		-		2.700	0.000	2.700	-
		Subtotal	-	-		-		2.700		-		2.700	0.000	2.700	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	-	-		-		50.902		-		50.902	0.000	50.902	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** DJ9 / *Guam Defense System - Management*

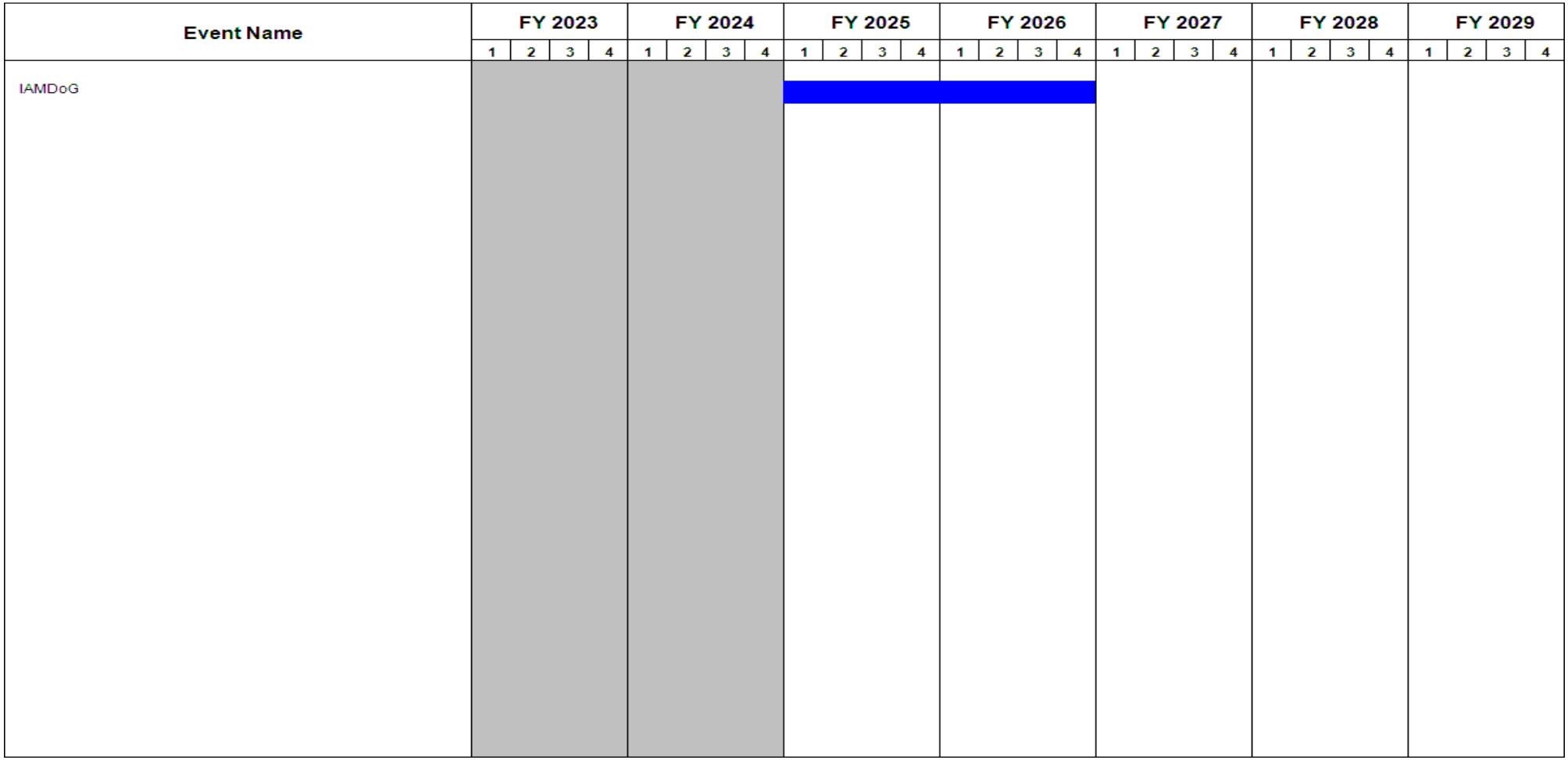

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** DJ9 / *Guam Defense System - Management*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
IAMDoG	1	2025	4	2026

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 0605054A / *Emerging Technology Initiatives*				Project (Number/Name) FI3 / *Rapid Capability Development and Maturation*			
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**
FI3: *Rapid Capability Development and Maturation*	-	200.218	188.173	100.576	-	100.576	85.672	62.872	63.558	64.192	0.000	765.261
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

A portion of this funding line has directly supported the Army Air and Missile Defense Modernization Priority.

This project funds high-priority, threat-based projects with the intent to deliver an operationally effective capability in the near- and mid-terms. Efforts will include accelerated materiel development and prototyping based on anticipated and emerging threats and opportunities. Efforts include development, acquisition, assessment, maturation, and transition of prototype technologies to acquisition programs. Efforts include Directed Energy; Long Range Precision Fires; Air and Missile Defense; Cyber; Artificial Intelligence; Signals Intelligence (SIGINT); Unmanned Aerial Systems (UAS) and Counter UAS (C-UAS); Communications; Survivability; Robotics; Advanced Ground and Aviation Systems; and other high priority emerging threats and opportunities. Funds may also allow for acceleration of critical capabilities to counter urgent and emerging threats for transition to programs of record. Funding may also be used to acquire specialized expertise to execute an initiative.

Prototypes a Human Machine Integrated Formation (HMIF) that exploits advances in robotics and leverages integration enablers of automation and connectivity to enable an agile, dispersed, logistically resilient, lethal formation that can rapidly converge effects to defeat a near-peer enemy with precision and speed. This will prototype and integrate operationally prioritized payloads for Intelligence, Surveillance and Reconnaissance (ISR) and lethality with ground and air robotic platforms and formation enablers of networking, command and control, and autonomy to deliver both light unit and heavy unit variants within the H-MIF material solution.

Conducts technical assessments of technologies, capabilities, and potential solutions. Such areas include but not limited to Operational Artificial Intelligence (AI) Systems, Autonomy Systems, Robotic Platforms, Advanced Sensing Systems, Decoy Capabilities, Extending Communications, Long Range Persistent Surveillance, Advanced Mobile Weapon Systems, and Modular Open System Architectures (MOSA). Develops the transition plan to accelerate priority efforts and other concepts to capabilities for program offices. Continues identification of emerging priority operational gaps that align to technologies that support Army Service Components (ASCs), and operational line units with prototype solutions identified through coordination with US Army Programs of Record, Science and Technology (S&T) programs, and industry partners.

The Army Rapid Capabilities and Critical Technologies Office (RCCTO) expedites residual combat materiel capabilities to the Warfighter to provide critical capability in support of the Army modernization strategy and transitions the capability to an acquisition program for production and fielding as an enduring need. RCCTO assesses Commercial-Off-The-Shelf (COTS), Government Off-The-Shelf (GOTS), and Non-Developmental Item (NDI) (non-standard equipment) solutions for modification and/or integration to address changes in contested environments with materiel solutions for forces deployed globally. RCCTO engages with industry to identify innovative solutions to high priority problem sets and funds quick turn analysis, modeling and prototyping efforts through this project to demonstrate cross-cutting military utility.

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 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FI3 / *Rapid Capability Development and Maturation*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Directed Energy Maneuver - Short Range Air Defense ***Description:*** This effort matures, integrates, and demonstrates High Energy Laser technologies on Army Stryker vehicles to support Maneuver- Short Range Air Defense (M-SHORAD) requirements and reduce risk for M-SHORAD. The goal is to protect maneuvering forces from Rocket, Artillery, and Mortar (RAM) and Unmanned Aerial System (UAS) threats.	74.824	-	-
Title: Critical Technologies Office (CTO) ***Description:*** Continued identification of emerging priority operational gaps that align to technologies that support Army Service Components (ASCs), and operational line units with prototype solutions, Science and Technology (S&T) transition, and industry solutions. Conducted technical assessments of technologies, capabilities and potential solutions. Such areas included but were not limited to Operational Artificial Intelligence (AI) systems, Advanced Sensing Systems, Decoy Capabilities, Extending Communications, Long Range Persistent Surveillance, Human-Machine Integrated formation, Advanced Mobile Weapon Systems, and Modular Open System Architectures (MOSA). Continues to bridge the valley of death to further mature and transition priority efforts, and other concepts, to capabilities for program offices. ***FY 2024 Plans:*** Continues identification of emerging priority operational gaps that align to technologies that support Army Service Components (ASCs), and operational line units with prototype solutions identified through Innovation Day events. Develop prototypes that bridge the valley of death to further mature and transition priority S&T efforts to capabilities for program offices. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Funds that were recently secured within the Critical Technologies Office are now allocated under the HMIF effort	3.790	5.000	-
Title: Human Machine Integrated Formation (HMIF) ***Description:*** Provide an initial Human Machine Integrated capability to Infantry and Armor formations. ***FY 2025 Plans:*** Human Machine Integrated Formation (HMIF) accelerates the fielding of a robotic formation in order to leverage machines to offload risk and provide Soldiers with additional information for decision making for Armored and Infantry Formations. HMIF formations will include ground and air systems and enablers to aid in the human decision-making process to find, fix and engage enemy targets. RCCTO HMIF prototype development supports existing and future robotic programs of record by mitigating risk associated with enabling capabilities such as the common architecture, communications and network capabilities and mitigation of safety risks hindering operational employment. In addition to ground platforms, HMIF will be integrated with UAS, enablers, and a variety of payloads from existing programs of record or developed and transitioned to programs of record. ***FY 2024 to FY 2025 Increase/Decrease Statement:***	-	-	32.993

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 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FI3 / *Rapid Capability Development and Maturation*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
FY 2025 increase of $32.993M due to HMIF effort moving from Concept Prototyping to separate HMIF effort. H-MIF increase reflects strategically aligning funds with the expansion of activities to include engineering, integration, and soldier touchpoint events.			
Title: Concept Prototyping	15.509	13.532	0.347
Description: Senior Leaders from across the Army, including Program Executive Officers (PEO's), Army Futures Command's Cross Functional Team (AFC CFT) Directors and Research and Development Center Directors, and other subject matter experts select the most impactful projects for the RCCTO Board of Directors approval. Concept Prototyping funds projects focused on but not limited to the following: machine learning, resilient and open standard communications, advanced network operation tools, counter unmanned aerial systems, unmanned aerial and terrestrial sensors, advanced energy efficient battery technologies, ruggedized and resilient power electronics, advanced low size, weight, and power (SWaP) energy generation and storage systems, advanced manned/unmanned aerial systems, advanced manned/unmanned ground systems, weapon system cyber resiliency, advanced defensive and offensive cyber, quantum computing, quantum sensing, assured position, navigation, and timing (APNT), security orchestration and automated response, multi-domain command and control (C2), electronic warfare, autonomy & robotics, soldier borne sensors and capabilities, edge processing technologies, information processing, exploitation and dissemination (PED) tools, tactical data fabrics, resilient water support and safety monitoring capabilities, sensor to shooter capabilities and modeling and simulations in support of these domain areas. These efforts provide the Army initial operational capability for future integration into a program of record and include market research, technology analysis, project planning and development, prototyping and testing requirements. ***FY 2024 Plans:*** Prototype, demonstrate and evaluate capabilities. In FY24 RCCTO Concept Prototyping will continue to fund multiple year efforts through the Rapid Acquisition Prototyping Project Office (RAPPO), Advanced Concepts and Experimentation (ACE), Cyber, Electronic Warfare, and Information Dominance (CEID) and Critical Technologies Office (CTO) project offices. These efforts include a rugged, enclosed-rotor sUAS specifically designed to function within a complex hazard and obstacle-rich environment; hybrid data management architecture; a Low Probability of Intercept (LPI) / Low Probability of Detection (LPD) networked communication capability between vehicles fitted with a C4ISR/EW Modular Open Suite of Standards (CMOSS); third level of processing, exploitation, and dissemination (PED) tools; an extreme cold weather storage and distribution solution for both fresh and waste water; a novel modular ruggedized 15 kilowatt (kW) Bi-directional high-density inverter that will enable a			

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 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FI3 / *Rapid Capability Development and Maturation*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Direct Current/Alternating Current (DC/AC) routing platform capable of both synching and sourcing power from established grids or supporting an off-grid mode for standalone applications. ***FY 2025 Plans:*** Continues the Family of Bidirectional Tactical Inverter (FoBTI) efforts from FY24 to build and test full-scale operational prototypes with delivery to the government 4QFY25. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The $13.185 million reduction from FY 2024 to FY 2025 is a result of the HMIF effort, previously included under Concept Prototyping, now being represented as a distinct line item, and the completion of Innovation Day efforts in FY 2024			
Title: Wideband Selective Propagating Radar (WiSPR) ***Description:*** Prototyping effort to develop a Modular Active Protection System (MAPS) compliant Low Observable Radar to detect incoming threats, including anti-armor munitions and small unmanned aerial vehicles, for Active Protection Systems. ***FY 2024 Plans:*** Prototyping effort to develop a "Low Observable" Radar (60 GHZ) to detect incoming anti-armor rounds and communicate among vehicles. This will be virtually undetectable RADAR and Communications enforced by physics (not assumptions of adversary capabilities) by providing a combined Low Probability to Detect/Low Probability to Intercept RADAR for Active Protection Systems and Communications for inter-vehicle. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Funding is now reflected under the Selective Propagation APS Radar (SPAR) effort (formely known as WiSPR).	9.804	15.605	-
Title: Selective Propagation APS Radar (SPAR) (Formely known as WiSPR) ***Description:*** Prototyping effort to develop a Modular Active Protection System (MAPS) compliant Low Observable Radar to detect incoming threats, including anti-armor munitions and small unmanned aerial vehicles, for Active Protection Systems. ***FY 2025 Plans:*** Fabricate and assemble the prototype radar system according to the design and engineering specifications. Test the prototype radar system to ensure it meets the project requirements and specifications. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Funding previously captured under the formerly known effort WiSPR, decreases from $15.605M in FY24 to $4.157M in FY25. FY 2025 decrease of $11.448M is due to completion of prototype radar system testing which transitions at the end of Q2 FY26.	-	-	4.157
Title: Operationalizing Hybrid Electric - Ground Vehicles	10.350	124.600	38.000

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 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FI3 / *Rapid Capability Development and Maturation*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Description: Prototype representative vehicles, Armored Multi-Purpose Vehicle (AMPV), Stryker, Joint Light Tactical Vehicle (JLTV), and High Mobility Multi Purpose Wheeled Vehicle (HMMWV), from existing Army platforms by adding mature Hybrid Electric (HE) technologies. Included as a supporting task is to establish policies to increase resilience and reduce fuel requirements. It is anticipated that these investments will demonstrate increase operational value as well as a reduction in operational energy. Objective is to measure the operational benefits of hybridization, which consists of increased operational range and silent watch endurance, reducing the platforms signature, adding a silent mobility capability, increasing power generation, and reducing joint force sustainment demands. ***FY 2024 Plans:*** Prototype up to a platoon each of the Armored Multi-Purpose Vehicle (AMPV), Stryker, Joint Light Tactical Vehicle (JLTV), and High Mobility Multi Purpose Wheeled Vehicle (HMMWV) that will validate hybrid electric technologies by Soldiers in extended operational environments. ***FY 2025 Plans:*** Continuation of Hybrid Electric Vehicle prototyping efforts for Stryker, High Mobility Multi-Purpose Wheeled Vehicle (HMMWV), Joint Light Tactical Vehicle (JLTV) and Armored Multi-Purpose Vehicle (AMPV) to validate hybrid electric technologies by Soldiers in extended operational environments. HMMWV and JLTV prototypes will complete build, integration, and vendor testing. Stryker and AMPV will complete prototype design review, initiate design build, and conduct hybrid electric integration activities. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease of $86.600M from FY 2024 to FY 2025 is due to the completion of build / integration phase and the initiation of the testing phase.			
Title: Offensive Swarm (HIVE)	7.864	11.914	6.500
Description: Prototyping effort to develop an offensive Unmanned Aerial Systems that will consist of a Control Node UAS, Attack UAS, and UAS intelligent swarming software framework and the ground station. The intelligent swarming software framework provides the logic to carry out the mission including cooperative engagement with the Unit of Action. The Ground Station provides the operator interface to the HIVE with minimal impact to cognitive workload and physical displacement of other resources. ***FY 2024 Plans:*** Rapid Acquisition Prototyping Project Office (RAPPO) - HIVE, This funding will enable: (1) integration of commercial off the shelf parts (2) Developmental testing and design refinement of a unmanned aerial systems and integrations of COTS parts for an offensive attack swarm. Additionally the funding will enable: (3) integration of commercial off the shelf (COTS) and Government off the shelf (GOTS) software/hardware, (4) Developmental testing and design refinement of a unmanned aerial systems and			

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 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FI3 / *Rapid Capability Development and Maturation*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
integrations of GOTS/COTS hardware/software for an offensive kinetic attack swarm that can operate within a GPS denied environment ; (5) Operational Assessments with unit of action. ***FY 2025 Plans:*** This funding will enable the continuation and completion of the following efforts: (1) munition integration, (2) swarm communication enhancements, (3) Ground Control Station (GCS) enhancements, (4) Tactical Assault Kit (TAK) integration, (5) Automated Target Recognition (ATR) enhancements. This funding will also enable the test and validation of capabilities and an Operational Assessment with unit of action. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease of $5.414M from FY 2024 to FY 2025 reflects the completion of integration, testing and one year of contracting logistics support.			
Title: Organizational Expenses ***Description:*** RCCTO Shared Support. ***FY 2024 Plans:*** Includes support agreements with the Garrisons (Fort Belvoir and Redstone Arsenal) for base operational support; Aberdeen Proving Ground; subject matter expertise in acquisition, program management and law; Information Technology (IT) Network support; IT Software Licenses; computers/mobile devices (new and refresh); supplies; training; travel; etc. ***FY 2025 Plans:*** Includes support agreements with the Garrisons (Fort Belvoir and Redstone Arsenal) for base operational support; Aberdeen Proving Ground; subject matter expertise in acquisition, program management and law; IT Network support; IT Software Licenses; computers/mobile devices (new and refresh); supplies; training; travel; etc. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** FY 2025 increase of $1.057M due to IT refresh requirement costs for all RCCTO locations (APG, FBV and HSV).	19.077	17.522	18.579
Accomplishments/Planned Programs Subtotals	141.218	188.173	100.576

	FY 2023	FY 2024
Congressional Add: Program Increase: Semi-Autonomous Offensive Swarming	9.000	-
FY 2023 Accomplishments: During FY23, the congressional add enabled the HIVE program to advance swarming technology to point that it will be ready for substantial demonstrations in FY24 (including operational		

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 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FI3 / *Rapid Capability Development and Maturation*

	FY 2023	FY 2024
pairing and target prosecution with Family of Counter Unmanned Aircraft Systems "FOCUS" during Project Convergence Capstone 4 "PCC4" in MAR 24).		
Congressional Add: Program Increase: C-sUAS HEL Atmospheric Study and Prototype Sensors ***FY 2023 Accomplishments:*** This effort quantified and characterized the effectiveness of optical systems against Unmanned Air Systems (UAS) and cruise missile threats. It developed instrumentation and performed the necessary studies required to determine Counter- Unmanned Air Systems (C-UAS) parameters to ensure C-UAS systems deployed in the area of responsibility will be effective for countering aggressive threats.	15.000	-
Congressional Add: Program Increase: Palletized High Energy Laser ***FY 2023 Accomplishments:*** This effort developed Army concepts for Directed Energy (DE) system sustainment in operational environments. Maintained and provided Field Service Representative (FSR) support for two Army DE systems during operational assessment.	5.000	-
Congressional Add: Program Increase: Counter UAS Technologies ***FY 2023 Accomplishments:*** This effort supported the delivery of two complete tactical power and thermal subsystems which includes a full set of spares and maintenance kits. Additional effort included the design, test, and certification of battery modules under UN/DOT 38.3 Transportation Testing creating a standard module suitable for various future Army Directed Energy (DE) programs.	25.000	-
Congressional Add: Program Increase: Extended Shortwave Infrared Sensor for High Energy Lasers ***FY 2023 Accomplishments:*** This effort improved current Short-Wave Infrared (SWIR) cameras operating at < 1.7 microns. The extended SWIR (eSWIR) atmospheric band (2-2.4 microns) has less scattering, high atmospheric transmission, higher contrast and is less susceptible to turbulence. eSWIR provided better tracking and range. Effort replaced SWIR sensors with eSWIR capability. This project advanced eSWIR sensors to match developing Laser illuminators in the eSWIR band.	5.000	-
Congressional Adds Subtotals	59.000	-

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

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 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FI3 / *Rapid Capability Development and Maturation*

D. Acquisition Strategy

The Army Rapid Capabilities and Critical Technologies Office (RCCTO) capitalizes on current and emerging technologies to provide near-term and mid-term solutions to address emerging threats and high impact capability opportunities for U.S. Army Forces deployed globally. This is accomplished in one of two ways: 1) adapting COTS/GOTS/NDI equipment to meet operational needs and 2) developing emerging deployable capability through research and development organizations, academia, and industry. RCCTO uses streamlined acquisition methods, processes and techniques to rapidly acquire the capability; these methods vary by project. RCCTO has procurement authority and an in-house contracting staff, with the flexibility to use both traditional and non-traditional contracting approaches. To reach non-traditional vendors, RCCTO will use non-standard contracting methods, such as Other Transaction Authority agreements. Where practicable, prototypes will be acquired using competitive procedures. Soldier touchpoints will be conducted to provide feedback in support of Army requirements generation, prototype maturation, fielding residual combat capability to a unit of action, and future capability development. When designated by the RCCTO Board of Directors, projects will be transitioned to an approved acquisition program for production and fielding.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army			Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605054A / *Emerging Technology Initiatives*	Project (Number/Name) FI3 / *Rapid Capability Development and Maturation*	

Management Services ($ 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
DE M-SHORAD Matrix, Contractor Labor	Various	RCCTO : Huntsville, AL	15.116	-		-		-		-		-	Continuing	Continuing	Continuing
DE M-SHORAD Facilities, IT/Supplies, Travel, Training	Various	RCCTO/DEOP : Huntsville, AL	-	0.080	Dec 2022	-		-		-		-	0.000	0.080	-
WiSPR	TBD	Various : Various	-	-		0.050		-		-		-	0.000	0.050	-
Selective Propagation APS Radar (SPAR) (formerly WiSPR)	TBD	Various : Various	-	-		-		0.030		-		0.030	0.000	0.030	-
Climate Ground Vehicles & Fuels	Various	Various : Detroit Arsenal, MI; Houghton, MI; Azusa, CA	0.145	0.250		3.015		-		-		-	0.000	3.410	-
Operationalizing Hybrid Electric - Ground Vehicles	Various	Various : Detroit Arsenal, MI; Houghton, MI; Azusa, CA	-	-		-		1.945		-		1.945	0.000	1.945	-
Human Machine Integrated Formation (HMIF)	Various	Various : Various	-	-		-		8.063		-		8.063	Continuing	Continuing	-
Offensive Swarm (HIVE)	Various	Various : Various	0.273	0.596		0.778		0.420		-		0.420	0.000	2.067	-
Concept Prototyping	Various	Various : Various	4.297	3.311		1.905		0.029		-		0.029	Continuing	Continuing	Continuing
Matrix, Contractor Labor	Various	Various : Various	38.629	12.227		12.090		12.819		-		12.819	0.000	75.765	-
Facilities, IT/Supplies, Travel, Training	Various	Various : Various	11.857	6.850		5.432		5.760		-		5.760	0.000	29.899	-
Program Increase: Autonomous Offensive Swarming	MIPR	Various : Various	-	0.450		-		-		-		-	0.000	0.450	-
Program Increase: C-sUAS HEL atmospheric study and prototype sensors Program Management	MIPR	RCCTO : Huntsville, AL	-	1.125	May 2023	-		-		-		-	0.000	1.125	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army			Date: March 2024
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605054A / *Emerging Technology Initiatives*	Project (Number/Name) FI3 / *Rapid Capability Development and Maturation*	

Management Services ($ 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 Increase: palletized high energy laser Program Management	MIPR	RCCTO : Huntsville, AL	-	0.250	May 2023	-		-		-		-	0.000	0.250	-
Program Increase: Counter UAS technologies Program Management	MIPR	RCCTO : Huntsville, AL	-	1.675	May 2023	-		-		-		-	0.000	1.675	-
Program Increase: extended shortwave infrared sensors for high energy lasers Program Management	MIPR	RCCTO : Huntsville, AL	-	0.500	May 2023	-		-		-		-	0.000	0.500	-
		Subtotal	70.317	27.314		23.270		29.066		-		29.066	Continuing	Continuing	N/A

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
DE M-SHORAD CLS, Procurement & Integration	C/CPFF	TBD : Huntsville, AL	108.650	72.182	Apr 2023	-		-		-		-	Continuing	Continuing	Continuing
DE M-SHORAD Software Support	MIPR	Various : TBD	-	1.000	May 2023	-		-		-		-	0.000	1.000	-
Selective Propagation APS Radar (SPAR) (formerly WiSPR)	TBD	MIT Lincoln Laboratory : Lexington, MA	2.700	8.554		14.555		3.727		-		3.727	0.000	29.536	-
Operationalizing Hybrid Electric - Ground Vehicles	Various	Various : Detroit Arsenal, MI; Houghton, MI; Azusa, CA	4.288	7.412		89.234		28.141		-		28.141	0.000	129.075	-
Offensive Swarm (HIVE)	Various	Various : Various	3.911	6.818		11.136		6.080		-		6.080	0.000	27.945	-
Concept Prototyping	Various	TBD : Various	239.966	5.293		9.467		0.242		-		0.242	Continuing	Continuing	Continuing
Human Machine Integrated Formation (HMIF)	Various	Various : Various	-	-		-		10.689		-		10.689	Continuing	Continuing	-

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 Increase: Autonomous Offensive Swarming	TBD	TBD : TBD	-	6.550		-		-		-		-	0.000	6.550	-
Program Increase: C-sUAS HEL atmospheric study and prototype sensors	TBD	TBD : TBD	-	13.875	May 2023	-		-		-		-	0.000	13.875	-
Program Increase: palletized high energy laser	C/CPFF	SAIC, Inc : Huntsville, AL	-	4.750	May 2023	-		-		-		-	0.000	4.750	-
Program Increase: Counter UAS technologies	C/CPFF	TBD : Boulder, NV & Huntsville, AL	-	23.325	May 2023	-		-		-		-	0.000	23.325	-
Program Increase: extended shortwave infrared sensors for high energy lasers	MIPR	EPIR : Bolingbrook, IL	-	4.500	May 2023	-		-		-		-	0.000	4.500	-
		Subtotal	359.515	154.259		124.392		48.879		-		48.879	Continuing	Continuing	N/A

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
Critical Technology Office (CTO)	Various	Various : TBD	9.817	3.790		5.000		-		-		-	0.000	18.607	-
Selective Propagation APS Radar (SPAR) (formerly WiSPR)	TBD	MIT Lincoln Laboratory : Lexington, MA	-	0.500		0.500		0.400		-		0.400	0.000	1.400	-
Operationalizing Hybrid Electric - Ground Vehicles	Various	Various : Detroit Arsenal, MI; Houghton, MI; Azusa, CA	1.497	2.588		31.151		2.597		-		2.597	0.000	37.833	-
Offensive Swarm (HIVE)	Various	Various : Various	-	0.050		-		-		-		-	0.000	0.050	-
Concept Prototyping	TBD	TBD : Various	23.447	4.264		0.254		0.042		-		0.042	Continuing	Continuing	Continuing

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army			Date: March 2024
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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
Human Machine Integrated Formation (HMIF)	TBD	Various : Various	-	-		-		3.060		-		3.060	Continuing	Continuing	-
		Subtotal	34.761	11.192		36.905		6.099		-		6.099	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
DE M-SHORAD Test & Evaluation	MIPR	Various : Various	27.400	1.562	Apr 2023	-		-		-		-	0.000	28.962	-
Selective Propagation APS Radar (SPAR) (formerly WiSPR)	TBD	MIT Lincoln Laboratory : Lexington, MA	-	0.450		0.500		-		-		-	0.000	0.950	-
Operationalizing Hybrid Electric - Ground Vehicles	Various	Various : Detroit Arsenal, MI; Houghton, MI; Azusa, CA	0.058	0.100		1.200		5.317		-		5.317	0.000	6.675	-
Offensive Swarm (HIVE)	Various	Various : Various	-	0.400		-		-		-		-	0.000	0.400	-
Concept Prototyping	TBD	TBD : Various	55.782	2.941		1.906		0.034		-		0.034	Continuing	Continuing	Continuing
Program Increase: Autonomous Offensive Swarming	TBD	TBD : TBD	-	2.000		-		-		-		-	0.000	2.000	-
Human Machine Integrated Formation (HMIF)	TBD	Various : Various	-	-		-		11.181		-		11.181	Continuing	Continuing	-
		Subtotal	83.240	7.453		3.606		16.532		-		16.532	Continuing	Continuing	N/A

	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	547.833	200.218		188.173		100.576		-		100.576	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FI3 / *Rapid Capability Development and Maturation*

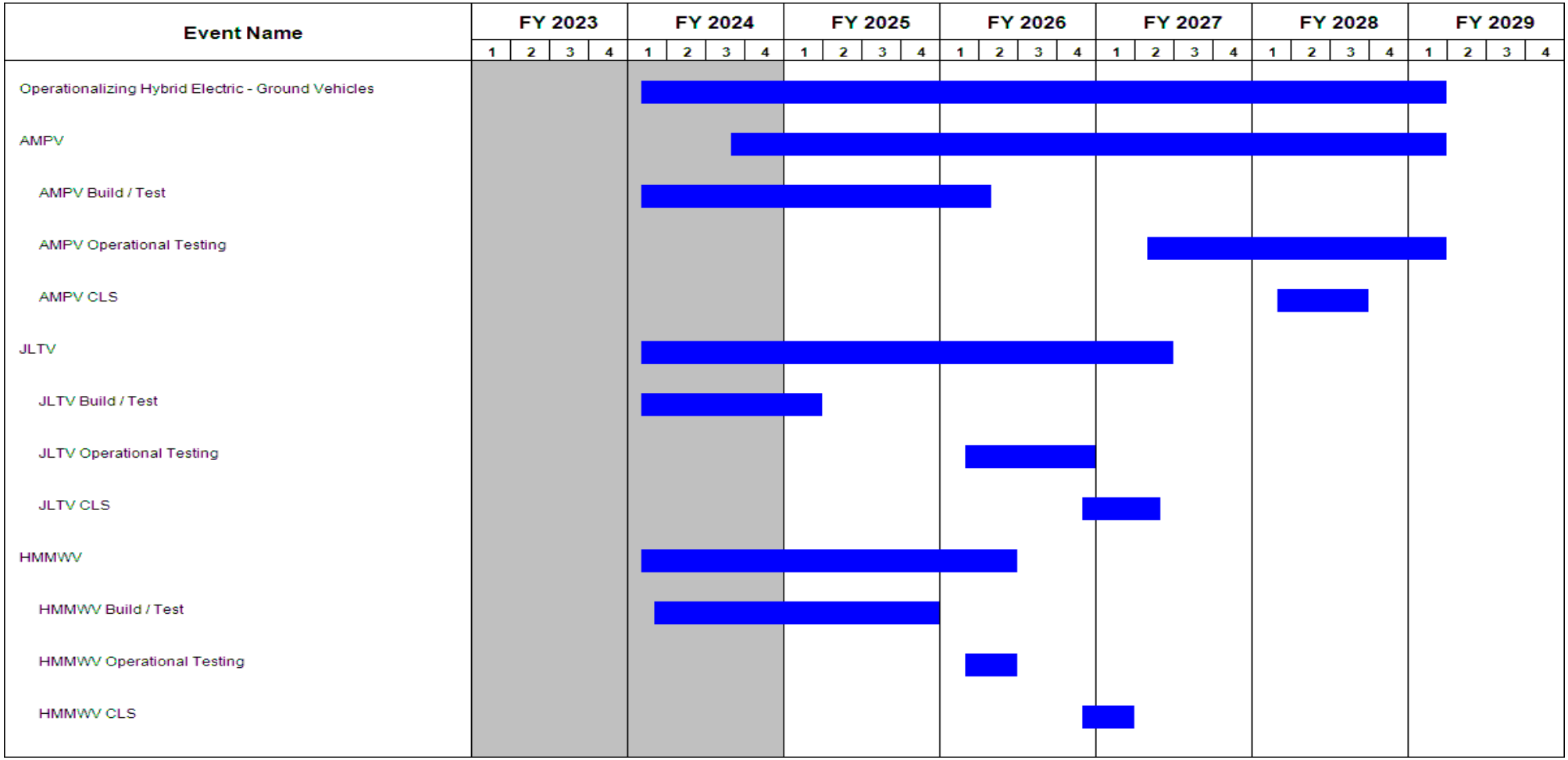

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FI3 / *Rapid Capability Development and Maturation*

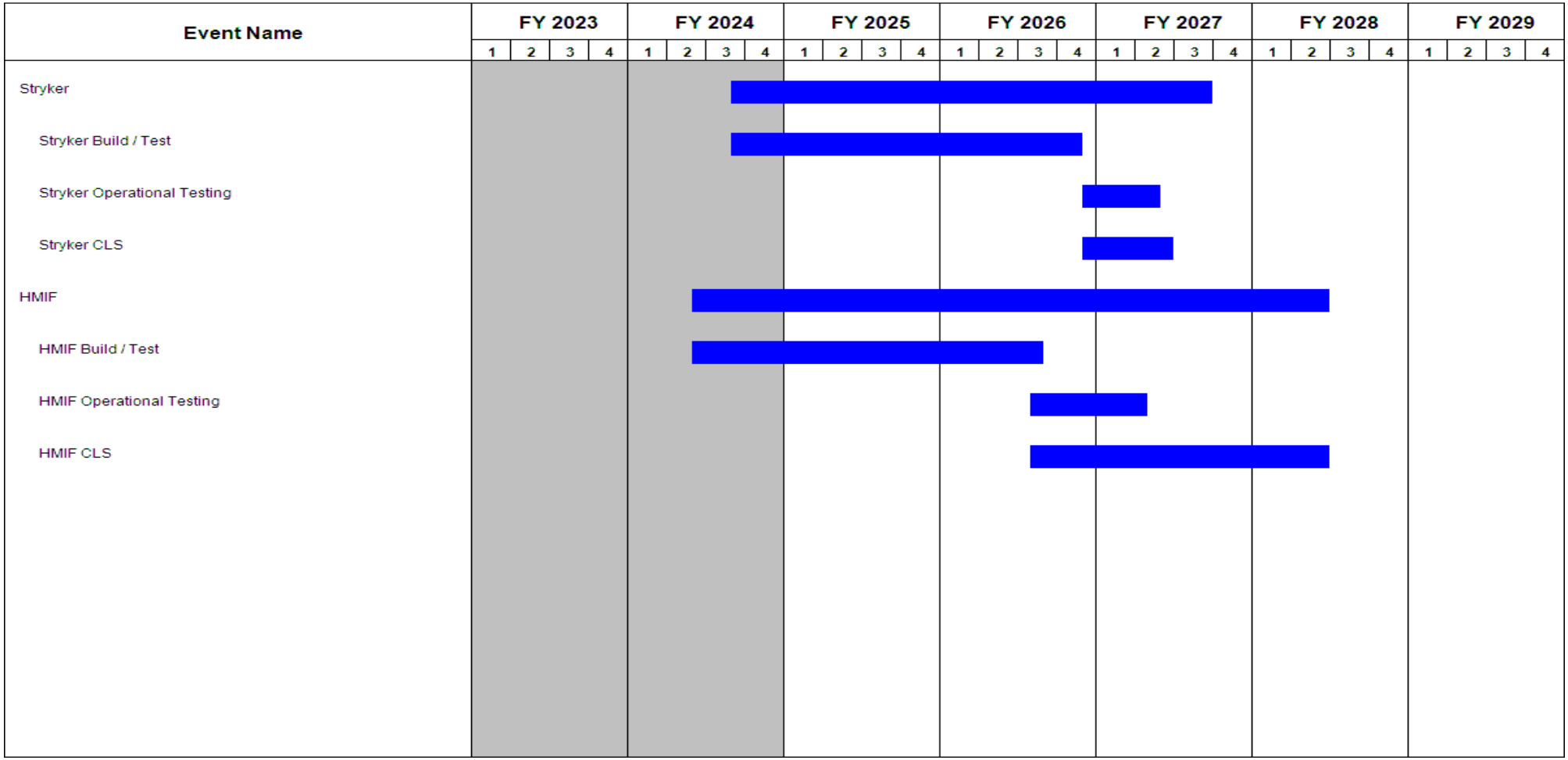

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FI3 / *Rapid Capability Development and Maturation*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Operationalizing Hybrid Electric - Ground Vehicles	1	2024	1	2029
AMPV	3	2024	1	2029
AMPV Build / Test	1	2024	2	2026
AMPV Operational Testing	2	2027	1	2029
AMPV CLS	1	2028	3	2028
JLTV	1	2024	2	2027
JLTV Build / Test	1	2024	1	2025
JLTV Operational Testing	1	2026	4	2026
JLTV CLS	4	2026	2	2027
HMMWV	1	2024	2	2026
HMMWV Build / Test	1	2024	4	2025
HMMWV Operational Testing	1	2026	2	2026
HMMWV CLS	4	2026	1	2027
Stryker	3	2024	3	2027
Stryker Build / Test	3	2024	4	2026
Stryker Operational Testing	4	2026	2	2027
Stryker CLS	4	2026	2	2027
HMIF	2	2024	2	2028
HMIF Build / Test	2	2024	3	2026
HMIF Operational Testing	3	2026	2	2027
HMIF CLS	3	2026	2	2028

Exhibit R-2A, RDT&E Project Justification: PB 2025 Army			Date: March 2024
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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
FL7: *Rapid Capability Support*	-	12.532	13.101	13.256	-	13.256	13.546	13.841	13.992	14.129	0.000	94.397
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This project funds rapid prototyping and delivery of residual combat capability to enable the Army Modernization Priorities and the National Defense Strategy. These efforts include long range precision fires, air and missile defense, robotics, ground, aviation, Soldier, cyber, and command, control, communications, computers, intelligence, surveillance & reconnaissance (C4ISR) missions. The primary goal is to deliver experimental prototypes to a unit of action through a collaborative and accelerated acquisition process. Technologies will be demonstrated in relevant environments, performing tactical/operational scenarios. Efforts will focus on high-priority, threat-based projects with the intent to deliver an operationally effective capability in the near- and mid-terms. Efforts will include accelerated materiel development and competitive prototyping based on anticipated and emerging threats and opportunities. This Project provides the Army an improved mechanism to effectively confront emerging threats and advance America's military dominance in accordance with the National Defense Strategy. Efforts include development, acquisition, assessment, maturation, and transition of prototype technologies to acquisition programs in Directed Energy; Long Range Precision Fires; Air and Missile Defense; Cyber; Artificial Intelligence; Signals Intelligence (SIGINT); Unmanned Aerial Systems (UAS) and Counter UAS (C-UAS); Communications; Survivability; and other high priority emerging threats and opportunities as designated by the RCCTO Board of Directors. Funds may also allow for acceleration of critical Program of Record capabilities to counter urgent and emerging threats. Funding may also be used to acquire specialized expertise to execute an initiative.

The Army RCCTO expedites the fielding of critical combat materiel capabilities to the Warfighter to meet urgent needs and support the Army modernization strategy. RCCTO assesses Commercial-Off-The Shelf (COTS), Government Off-The- Shelf (GOTS), and Non-Developmental Item (NDI) (non-standard equipment) solutions for modification and/or integration to address changes in contested environments with enduring materiel solutions for forces deployed globally. RCCTO integrates prototypes and evaluates solutions to field residual combat capability to a unit of action and transition the capability to an acquisition program for production and sustainment.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Core Labor	12.532	13.101	13.256
Description: Funding is requested for Core Labor.			
FY 2024 Plans: These funds will be used for Core Labor in support of rapid prototyping and delivery of residual combat capability to enable long range precision fires, air and missile defense, ground, aviation, Soldier, cyber and C4ISR missions.			
FY 2025 Plans:			

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
These funds will be used for Core Civilian Labor in support of rapid prototyping and delivery of residual combat capability to enable long range precision fires, air and missile defense, robotics, ground, aviation, Soldier, cyber and C4ISR missions. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** FY25 increase due to requirements and adjustments in wages.			
Accomplishments/Planned Programs Subtotals	12.532	13.101	13.256

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FL7 / *Rapid Capability Support*

Management Services ($ 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
Core Labor	TBD	RCCTO : Fort Belvoir VA, Huntsville AL and APG	21.889	12.532		13.101		13.256		-		13.256	0.000	60.778	-
		Subtotal	21.889	12.532		13.101		13.256		-		13.256	0.000	60.778	N/A

	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	21.889	12.532		13.101		13.256		-		13.256	0.000	60.778	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FL7 / *Rapid Capability Support*

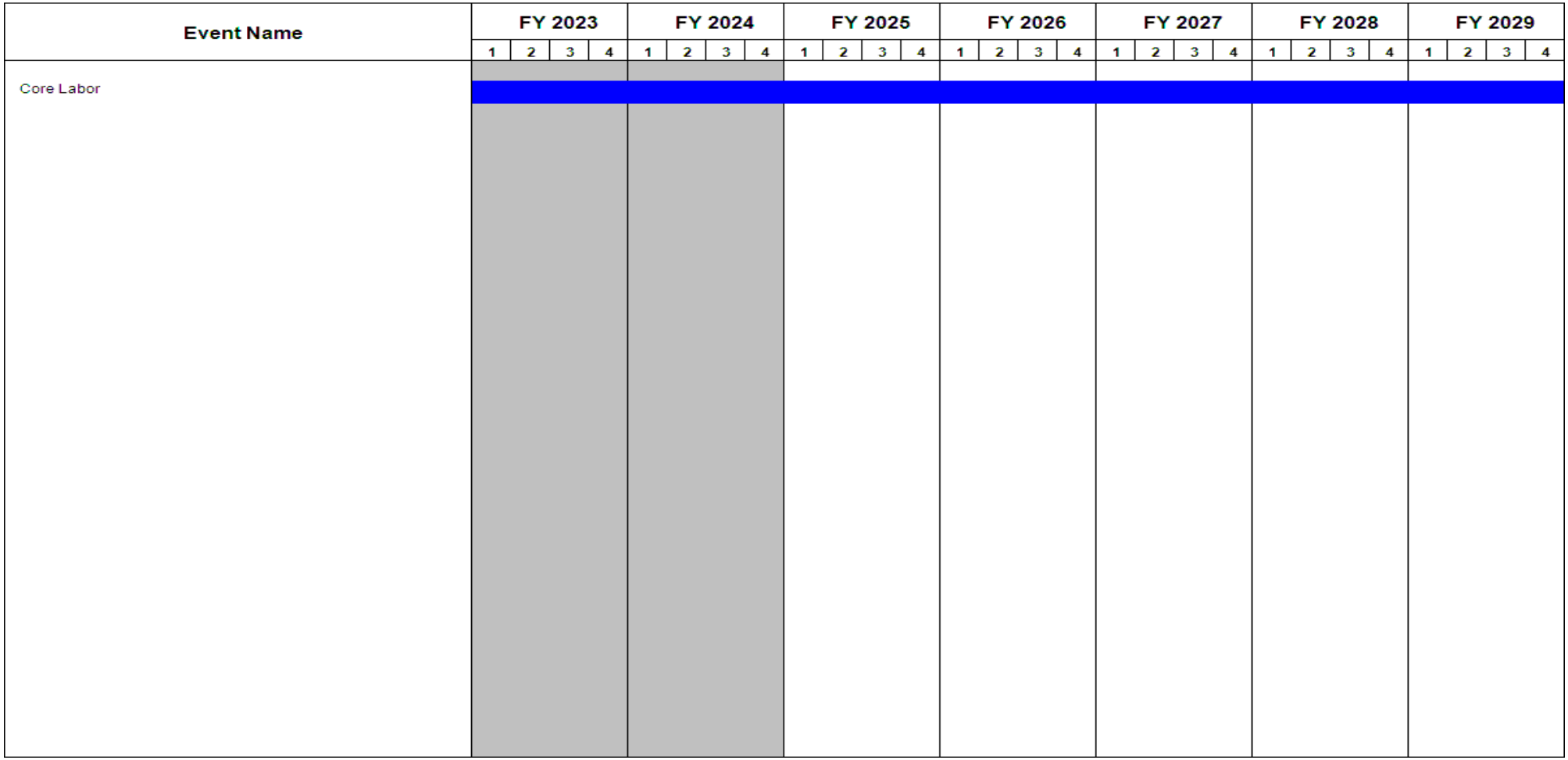

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605054A / *Emerging Technology Initiatives*	**Project (Number/Name)** FL7 / *Rapid Capability Support*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Core Labor	1	2023	4	2029