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 0605625A / *Manned Ground Vehicle*							
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	-	519.131	996.653	504.841	-	504.841	363.092	366.931	364.919	368.567	0.000	3,484.134
CF6: *Optionally Manned Fighting Vehicle (OMFV)*	-	519.131	996.653	504.841	-	504.841	363.092	366.931	364.919	368.567	0.000	3,484.134

A. Mission Description and Budget Item Justification

This funding line is directly aligned to the Next Generation Combat Vehicle Army Modernization Priority. The XM30 Combat Vehicle (previously OMFV), as part of an Armored Brigade Combat Team (ABCT), will replace the Bradley Infantry Fighting Vehicle to provide the capabilities required to defeat a future near-peer competitor's force. The XM30 is an optionally manned platform that maneuvers Soldiers to a point of positional advantage to engage in close combat and deliver decisive lethality during the execution of combined arms maneuver. It is designed to operate with and may operate without a crew and Soldiers under armor based on the commander's decision. It delivers decisive lethality during the execution of combined arms maneuver while also controlling maneuver robotics and semi-autonomous systems. The platform will be optimized for Life Cycle Environmental Profiles, both natural and induced, to remain safe, suitable and effective and with significantly reduced logistical burdens. The rapidly changing character of warfare and pace of technology motivates the Army to change how it will deliver, operate and sustain the XM30. As part of an ABCT, the XM30 will not fight alone, but rather as part of a section, platoon, and company of mechanized infantry. These companies will execute cross-domain maneuver and defeat pacing threats in the close area while maneuvering Soldiers to tactical objectives. Once the unit has transitioned to an integrated mounted and dismounted fight, the XM30 supports our Soldiers with advanced sensors, lethality, protection, and mission command.

The total cost of the XM30 Middle Tier of Acquisition effort is $1,330 million RDT&E from FY2021 to FY2024.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	554.925	996.653	542.476	-	542.476
Current President's Budget	519.131	996.653	504.841	-	504.841
Total Adjustments	-35.794	0.000	-37.635	-	-37.635
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-15.539	-			
• SBIR/STTR Transfer	-20.255	-			
• Adjustments to Budget Years	-	-	-37.635	-	-37.635

Change Summary Explanation

FY25 funding change aligns program budget with current forecasted strategy. The decrease is due to vendor reductions in 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 0605625A / *Manned Ground Vehicle*	Project (Number/Name) CF6 / *Optionally Manned Fighting Vehicle (OMFV)*	

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
CF6: *Optionally Manned Fighting Vehicle (OMFV)*	-	519.131	996.653	504.841	-	504.841	363.092	366.931	364.919	368.567	0.000	3,484.134
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This funding line is directly aligned to the Next Generation Combat Vehicle Army Modernization Priority. The XM30 Combat Vehicle (previously OMFV), as part of an Armored Brigade Combat Team (ABCT), will replace the Bradley Infantry Fighting Vehicle to provide the capabilities required to defeat a future near-peer competitor's force. The XM30 is an optionally manned platform that maneuvers Soldiers to a point of positional advantage to engage in close combat and deliver decisive lethality during the execution of combined arms maneuver. It is designed to operate with and may operate without a crew and Soldiers under armor based on the commander's decision. It delivers decisive lethality during the execution of combined arms maneuver while also controlling maneuver robotics and semi-autonomous systems. The platform will be optimized for Life Cycle Environmental Profiles, both natural and induced, to remain safe, suitable and effective and with significantly reduced logistical burdens. The rapidly changing character of warfare and pace of technology motivates the Army to change how it will deliver, operate and sustain the XM30. As part of an ABCT, the XM30 will not fight alone, but rather as part of a section, platoon, and company of mechanized infantry. These companies will execute cross-domain maneuver and defeat pacing threats in the close area while maneuvering Soldiers to tactical objectives. Once the unit has transitioned to an integrated mounted and dismounted fight, the XM30 supports our Soldiers with advanced sensors, lethality, protection, and mission command.

The total cost of the XM30 Middle Tier of Acquisition effort is $1,330 million RDT&E from FY2021 to FY2024.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Title: Government Engineering & Program Management	36.807	29.549	40.276
Description: Provides Government System Engineering and Program Management support. Funding will cover the costs of government and direct support contractor labor, travel, training, supplies, equipment and facilities to effectively manage Project Management Office, XM30 Combat Vehicle (PM XM30).			
FY 2024 Plans: Provides Government System Engineering & Program Management Support and funds the efforts to the management support requirements pre and post award of Detailed Design contracts for up to 3 vendors. These costs reflect the RDTE funded costs for Matrix support within the program management office and includes the use of SETA support in critical areas of the design of an open-architected OMFV including cyber security, software development and system architecture. This funding will include the cost of government and direct support contractor labor, travel, training, supplies, equipment and facilities to effectively manage the PM MCS program.			
FY 2025 Plans:			

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 0605625A / *Manned Ground Vehicle*	**Project (Number/Name)** CF6 / *Optionally Manned Fighting Vehicle (OMFV)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Provides Government System Engineering & Program Management Support and funds the efforts to the management support requirements pre and post award of Detailed Design contracts for 2 vendors. These costs reflect the RDTE funded costs for Matrix support within the program management office and includes the use of SETA support in critical areas of the design of an open-architected XM30 including cyber security, software development and system architecture. This funding will include the cost of government and direct support contractor labor, travel, training, supplies, equipment and facilities to effectively manage the PM XM30 program. Continue consulting effort for Phase 5 RFP development and Milestone statutory compliance. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The increase from FY 2024 to FY 2025 in government engineering & program management is due to the program entering into Phase 3 and 4 Detailed design, Prototype development & Test.			
Title: Digital Engineering ***Description:*** Digital Engineering provides the entire digital engineering ecosystem - which includes a cloud-based Digital Engineering (DE) environment and a government owned software development, Artificial Intelligence, and machine learning environment using a Development/Security/Operations (DevSecOps) software and Digital Twin technology development approach. ***FY 2024 Plans:*** Provides the entire digital engineering ecosystem - which includes a cloud-based Digital Engineering (DE) environment and a government owned software development, Artificial Intelligence, and machine learning environment using a Development/Security/Operations (DevSecOps) software and Digital Twin technology development approach. Cost includes further scaling up licenses, capacity, and support commensurate with the growth of MS&A, Architecture, and Test Evaluation teams. DE costs include the software (SW) licenses for the required Product Lifecycle Management (PLM) software, Models Based Systems Engineering (MBSE) SysML modeling tools, and logistics and modeling and simulation software. DevSecOps costs include 3 OEMs developing software in a government furnished cloud environment - which are based on the licenses and pipelines required for the oversight and development of OMFV Software using an agile DevSecOps software approach. Integration costs include the creation of Automatic Program Interfaces (API) between the PLM software and various government owned and commercial off the shelf modeling and simulation tools to accelerate the pace of analysis of up to 3 vendors for Phase 3. Integration of these tools within the DE environment enables frequent, continuous, and iterative assessment of a contractor's digital design with a view towards identifying and addressing technical risk as early and cost effectively as possible. ***FY 2025 Plans:*** Provides the entire digital engineering ecosystem - which includes a cloud-based Digital Engineering (DE) environment and a government owned software development, Artificial Intelligence, and machine learning environment using a Development/Security/Operations (DevSecOps) software and Digital Twin technology development approach. Cost includes further scaling	18.102	22.164	24.558

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 0605625A / *Manned Ground Vehicle*	**Project (Number/Name)** CF6 / *Optionally Manned Fighting Vehicle (OMFV)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
up licenses, capacity, and support commensurate with the growth of MS&A, Architecture, and Test Evaluation teams. DE costs include the software (SW) licenses for the required Product Lifecycle Management (PLM) software, Models Based Systems Engineering (MBSE) SysML modeling tools, and logistics and modeling and simulation software. DevSecOps costs include 2 vendors developing software in a government furnished cloud environment - which are based on the licenses and pipelines required for the oversight and development of XM30 Software using an agile DevSecOps software approach. Integration costs include the creation of Automatic Program Interfaces (API) between the PLM software and various government owned and commercial. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The increase from FY 2024 to FY 2025 is due to the increase cost of software and licensing.			
Title: Product Development ***Description:*** Costs include the continuation of Concept Design efforts including System Functional Review (SFR) and development towards PDR. Contractor efforts include Development Engineering, Producibility Engineering and Planning, Development Tooling, System Engineering and Program Management, Data and Special Equipment. ***FY 2024 Plans:*** These costs include the maturation of OMFV Detailed Design Concepts to CDR. Costs include Contractor System Engineering and Program Management, Producibility Engineering and Planning, Development Tooling, Data, Support Equipment Development and Development of a Training Program of Instruction. Costs also include the material for 7 prototypes each from up to three vendors required for Preproduction Prove-Out Testing and initial logistics development. ***FY 2025 Plans:*** These costs include the maturation of XM30 Detailed Design Concepts to CDR. Costs include Contractor System Engineering and Program Management, Producibility Engineering and Planning, Development Tooling, Data, Support Equipment Development and Development of a Training Program of Instruction. Costs also include the material for 7 prototypes each from 2 vendors required for Preproduction Prove-Out Testing and initial logistics development. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease from FY 2024 to FY 2025 is due to the decrease in the number of vendors in Phase 3/4.	331.599	858.300	373.721
Title: Modeling Simulation & Analysis ***Description:*** Government Modeling,Simulation and Analysis in support of requirements analysis and concept refinement. ***FY 2024 Plans:***	15.732	9.788	3.924

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 0605625A / *Manned Ground Vehicle*	**Project (Number/Name)** CF6 / *Optionally Manned Fighting Vehicle (OMFV)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
This effort funds the continued Modeling, Simulation & Analysis (MS&A) and Subsystem Testing of awarded Contractor Designs and their respective components in support of CDR. This funding also supports government MS&A analysis of vendor designs in support of the final Capability Development Document (CDD), which includes conduct and analysis of Virtual Experimentation (VE), Crew Buck, CAVE, ARIES Physics Modeling, and Soldier Touchpoints in FY24. This funding also will continue to support the verification, validation, and accreditation of new models during product development. ***FY 2025 Plans:*** This effort funds the continued Modeling, Simulation & Analysis (MS&A) and Subsystem Testing of awarded Contractor Designs and their respective components in support of CDR. This includes the analysis of Virtual Experimentation (VE), Crew Buck, CAVE, and ARIES Physics Modeling. This funding also will continue to support the verification, validation, and accreditation of new models during product development. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease from FY 2024 to FY 2025 is due to the decrease in the amount of modeling that is required during this phase of the program.			
Title: Government Architecture ***Description:*** Develop the USG baseline architecture by enhancing PEO GCS Common Infrastructure Architecture (GCIA) based on Modular Open Systems Approach (MOSA) to guide the XM30 system development. The effort is directed by the Army Acquisition Executive to achieve transformational capabilities for XM30 via Modular, Open and Scalable Architecture, and by using applicable open standards. The effort will be executed by PEO GCS, PM XM30, and ASA (ALT)'s Office of the Chief Systems Engineer (DASA-DES) team's cohort with applicable CCDC and ARL teams, and industry consortium. ***FY 2024 Plans:*** This effort funds the continued maturation of the GCS Common Infrastructure Architecture (GCIA), Ground Vehicle Architecture Integration Laboratory (GVAIL), data architecture (model libraries, data dictionary) and the continued refinement and maturation of open architecture standards. The GCIA is a standardized architecture framework to enable persistent modernization for Optionally Manned Fighting Vehicle (OMFV). The GCIA enables Modular Open Systems Approach (MOSA) for OMFV program office to acquire affordable modular systems at the pace of threats/technology. It consists of a set of architecture specifications, digital models, defined interfaces, standards, and data models. GVAIL is a set of hardware, software, and model-based environment to test GCIA compliance of the OMFV capabilities that vendors build. This funding will also further mature the digital model for speed and ease of implementation during development of the OMFV, including the development of a Hardware Integration Lab to quickly ensure that any future technology is compliant with the GCIA architecture, increasing future competition. ***FY 2025 Plans:***	11.602	9.289	4.048

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 0605625A / *Manned Ground Vehicle*	**Project (Number/Name)** CF6 / *Optionally Manned Fighting Vehicle (OMFV)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
This effort funds the continued maturation of the GCS Common Infrastructure Architecture (GCIA), Ground Vehicle Architecture Integration Laboratory (GVAIL), data architecture (model libraries, data dictionary) and the continued refinement and maturation of open architecture standards. The GCIA is a standardized architecture framework to enable persistent modernization for the XM30. The GCIA enables Modular Open Systems Approach (MOSA) for XM30 program office to acquire affordable modular systems at the pace of threats/technology. It consists of a set of architecture specifications, digital models, defined interfaces, standards, and data models. GVAIL is a set of hardware, software, and model-based environment to test GCIA compliance of the XM30 capabilities that vendors build. This funding will also further mature the digital model for speed and ease of implementation during development of the XM30, including the development of a Hardware Integration Lab to quickly ensure that any future technology is compliant with the GCIA architecture, increasing future competition. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease from FY 2024 to FY 2025 is due a decrease in the need of the effort.			
Title: Technology Maturation & Analysis ***Description:*** This funding is for risk reduction efforts to enhance test and develop tools for XM30 cybersecurity and program protection and includes cyber testing, subject matter experts, contracts and development. ***FY 2024 Plans:*** This effort funds efforts to enhance test and develop tools for OMFV cybersecurity and program protection. This will include funding for testing, subject matter experts, contracts and development. This effort funds the risk reduction efforts to enhance, test, and develop tools for OMFV cybersecurity and program protection, i.e., supply chain, program data, new technologies. This will include funding for cyber testing, subject matter experts, contracts and development. This effort also funds personnel and contractors to support integration, evaluation, and support for the 3GFLIR systems. This includes technical support and information exchange with vendors who are awarded a prototype contract. ***FY 2025 Plans:*** This effort funds the risk reduction efforts to enhance, test, and develop tools for XM30 (i.e., supply chain, program data, new technologies). This effort also funds personnel and contractors to support integration, evaluation, and support for the 3rd Gen FLIR systems. This includes technical support and information exchange with vendors who are awarded a prototype contract. Mature combat automation technologies to enhance two-man crew operational capabilities. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The increase from FY 2024 to FY 2025 is due to an increase in the risk reduction efforts and SMEs for technical development and test efforts.	53.920	5.986	11.462
Title: System Test & Evaluation	-	34.843	35.103

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 0605625A / *Manned Ground Vehicle*	**Project (Number/Name)** CF6 / *Optionally Manned Fighting Vehicle (OMFV)*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2023	FY 2024	FY 2025
Description: System Test & Evaluation supports the XM30 Government Production Prove-out testing of XM30 designs for two vendors. ***FY 2024 Plans:*** This cost funds the initial planning and preparation for the OMFV Government Production Prove-out testing of OMFV designs for up to three vendors. Each vendor will build up to 11 prototypes for USG test purposes along with 2 Ballistic Hull and Turrets (BH&T). This cost funds long lead material items including armor coupons, GFM integration and test spares, lethality ammunition and threat ammunition for the testing of prototypes for up to three vendors. ***FY 2025 Plans:*** This cost continues to fund the efforts for the XM30 Government Production Prove-out testing (PPT) of XM30 designs for two vendors. Each vendor will build 7 prototypes for USG test purposes along with 2 Ballistic Hull and Turrets (BH&T). This cost funds long lead material items including armor coupons, GFM integration and test spares, lethality ammunition and threat ammunition for the testing of prototypes for two vendors. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease in cost from FY 2024 to FY2025 is due to a result of the decrease in the number of vendors, less long lead items necessary for PPT preparation.			
Title: Training Aids, Devices, Simulators & Simulation (TADSS) ***FY 2024 Plans:*** This effort funds the initial analysis and development of TADSS occurring after CDR. ***FY 2025 Plans:*** This effort funds the initial development, design, and integration of XM30 TADSS for two vendors supporting PPT. TADSS efforts begin before Critical Design Review (CDR). ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The increase from FY 2024 to FY 2025 is due to the change in cost of the total effort.	-	0.983	1.096
Title: XM913 Maturation ***FY 2024 Plans:*** This effort funds the testing of the XM913 50mm cannon, which will support a safety release for vendors to include in their full system prototype. Testing will include weapon reliability, durability, safety, and environmental impacts such as extreme temperature and humidity. This funding will also include the purchase of ammunition for government use to conduct risk reduction	45.024	4.002	2.593

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
testing to support a successful system fielding. Government testing will be conducted in FY 2024 to support vendor integration and test in FY 2025. ***FY 2025 Plans:*** This effort funds the testing of the XM913 cannon, which will support a safety release for vendors to include in their full system prototype. Testing will include weapon reliability, durability, safety, and environmental impacts such as extreme temperature and humidity. This funding will also include the purchase of ammunition for government use to conduct risk reduction testing to support a successful subsystem fielding. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease in cost from FY 2024 to FY 2025 is due to a decrease in test activities.			
Title: Counter - Unmanned Aerial System / Counter - Anti Tank Guided Missile Demonstrator ***FY 2024 Plans:*** This effort funds the development and demonstration of using existing radar sub-systems to be dual purposed and utilized for Counter Unmanned Aerial System (C-UAS) and Counter Anti-Tank Guided Missile (C-ATGM) missions. This funding includes the integration and development costs of the software and the procurement of Government Off the Shelf (GOTS) hardware needed to design, build, integrate, and test the capability during FY 2024 and FY 2025. The final software will be integrated into the Fire Control software before Low-Rate Initial Production. ***FY 2025 Plans:*** This effort funds the development and demonstration of using existing radar sub-systems to be dual purposed and utilized for Counter Unmanned Aerial System (C-UAS) and Counter Anti-Tank Guided Missile (C-ATGM) missions. This funding includes the integration and development costs of the software and the procurement of Government Off the Shelf (GOTS) hardware needed to design, build, integrate, and test the capability. The final software will be integrated into the Fire Control software before Low-Rate Initial Production. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease in cost from FY 2024 to FY 2025 is due to this effort having lower costs to acquire GOTS hardware.	-	7.406	1.200
Title: Software Pathway ***FY 2024 Plans:*** This effort funds the execution of the embedded software (SW) pathway acquisition. Embedded SW Pathway program expected to be awarded in FY24, and this funding will support the development of software to enable 2-person crew operations, such as Aided Target Recognition, machine-aided driving, and crew and formation level reporting autonomy to reduce crew burden. These	6.345	9.006	3.240

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
capabilities will be awarded 1QFY24 and developed to a minimum viable capability release (MVCR) in support of the warfighter in FY 2025. ***FY 2025 Plans:*** This effort funds the execution of the embedded software (SW) pathway acquisition. This will support the development of software to enable 2-person crew operations, such as Aided Target Recognition, machine-aided driving, and crew and formation level reporting autonomy to reduce crew burden. The SWP can reduce logistics burden as required in the SWP CNS for vehicle health management. This also funds the minimum viable capability release (MVCR) in accordance with embedded SWP authorities. ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease in cost from FY 2024 to FY 2025 is due to a slight reduction in embedded software (SW) development and continued focus on the development of the minimum viable capability release (MVCR).			
Title: Active / Passive Electronic Warfare Integration ***FY 2024 Plans:*** This effort funds the development and integration of Commercial Off the Shelf (COTS) programmable antennas with either COTS or existing Program of Record (POR) electronic warfare (EW) active and passive capabilities. Costs include the development of SW and purchase of HW to demonstrate the ability of the system to be Multi Domain Operations (MDO) capable. This funding will demonstrate the feasibility of bringing EW capabilities to the tactical edge for an Armored Brigade Combat Team (ABCT). This effort will begin in 1QFY24 and continue thru FY 2024. ***FY 2025 Plans:*** This effort funds the development and integration of Commercial Off the Shelf (COTS) programmable antennas with either COTS or existing Program of Record (POR) electronic warfare (EW) active and passive capabilities. Costs include the development of SW and purchase of HW to demonstrate the ability of the system to be Multi Domain Operations (MDO) capable. This funding will demonstrate the feasibility of bringing EW capabilities to the tactical edge for an Armored Brigade Combat Team (ABCT). ***FY 2024 to FY 2025 Increase/Decrease Statement:*** The decrease in cost from FY 2024 to FY 2025 is due to this effort purchasing less hardware and the cost decreasing in the development of software.	-	5.337	1.500
Title: Cyber Security ***FY 2025 Plans:*** This effort funds efforts to enhance test and develop tools for XM30 cybersecurity and program protection (i.e. supply chain, program data, new technologies). This will include funding for testing, subject matter experts, contracts, and development. ***FY 2024 to FY 2025 Increase/Decrease Statement:***	-	-	2.120

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 increase in cost from FY 2024 to FY 2025 is due to the breakout of cyber security costs from Technology Maturation & Analysis. This is not a new effort.			
Accomplishments/Planned Programs Subtotals	519.131	996.653	504.841

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

The XM30 Combat Vehicle is a Middle Tier Acquisition - Rapid Prototyping Program and is designed to maneuver Soldiers in the Forward Operating Environment to a position of advantage to engage in close combat and deliver decisive lethality during the execution of combined arms maneuver. The XM30 must exceed current capabilities while overmatching similar threat class systems. It must be optimized for urban and rural terrain areas, while also defeating pacing threats, and be characterized by the ability to spiral in advanced technologies as they mature. The capabilities desired focus to improve lethality, protection, mobility, range, survivability.

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
XM913 Maturation	MIPR	PM MAS : Picatinny, NJ	35.039	45.024	Nov 2023	4.002	Dec 2023	2.593	Dec 2024	-		2.593	0.000	86.658	-
Product Development	C/FFP	General Dynamics Land Systems & American Rheinmetall Vehicles : Sterling Heights, MI & Slidell, LA	299.453	331.599	Jun 2023	858.300	Sep 2024	373.721	Dec 2024	-		373.721	0.000	1,863.073	-
Government Architecture	MIPR	Ground Vehicle Systems Center (GVSC) & DEVCOM Analysis Center (DAC) : Detroit Arsenal, MI	10.601	11.602	Dec 2023	9.289	Apr 2024	4.048	Apr 2025	-		4.048	0.000	35.540	-
Technology Maturation & Analysis	TBD	TBD : TBD	-	53.920	Sep 2023	5.986	Feb 2024	11.462	Feb 2024	-		11.462	0.000	71.368	-
Digital Engineering	TBD	TBD : TBD	-	18.102	May 2023	22.164	Jan 2024	24.558	Jan 2025	-		24.558	0.000	64.824	-
Training Aids, Devices, Simulators & Simulation (TADSS)	MIPR	PEO STRI : Orlando, FL	-	-		0.983	Dec 2023	1.096	Jun 2025	-		1.096	0.000	2.079	-
Counter - Unmanned Aerial System / Counter - Anti Tank Guided Missile	TBD	TBD : TBD	-	-		7.406	Mar 2024	1.200	Mar 2025	-		1.200	0.000	8.606	-
Software Pathway	TBD	TBD : TBD	-	6.345	Jan 2024	9.006	Jun 2024	3.240	Jun 2025	-		3.240	0.000	18.591	-
Active / Passive EW Integration	TBD	TBD : TBD	-	-		5.337	Mar 2024	1.500	Jun 2025	-		1.500	0.000	6.837	-
Cyber Security	TBD	TBD : TBD	-	-		-		2.120	May 2025	-		2.120	0.000	2.120	-
		Subtotal	345.093	466.592		922.473		425.538		-		425.538	0.000	2,159.696	N/A

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
Government Engineering & Program Management	MIPR	Warren, MI : TBD	38.844	36.807	Jun 2023	29.549	Mar 2024	40.276	Mar 2025	-		40.276	0.000	145.476	-
		Subtotal	38.844	36.807		29.549		40.276		-		40.276	0.000	145.476	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
Modeling Simulation & Analysis	TBD	TBD : TBD	9.646	15.732	Dec 2023	9.788	Mar 2024	3.924	Mar 2025	-		3.924	0.000	39.090	-
System Test & Evaluation	TBD	TBD : TBD	-	-		34.843	Mar 2024	35.103	Jun 2025	-		35.103	0.000	69.946	-
		Subtotal	9.646	15.732		44.631		39.027		-		39.027	0.000	109.036	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	393.583	519.131		996.653		504.841		-		504.841	0.000	2,414.208	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 0605625A / *Manned Ground Vehicle*	**Project (Number/Name)** CF6 / *Optionally Manned Fighting Vehicle (OMFV)*

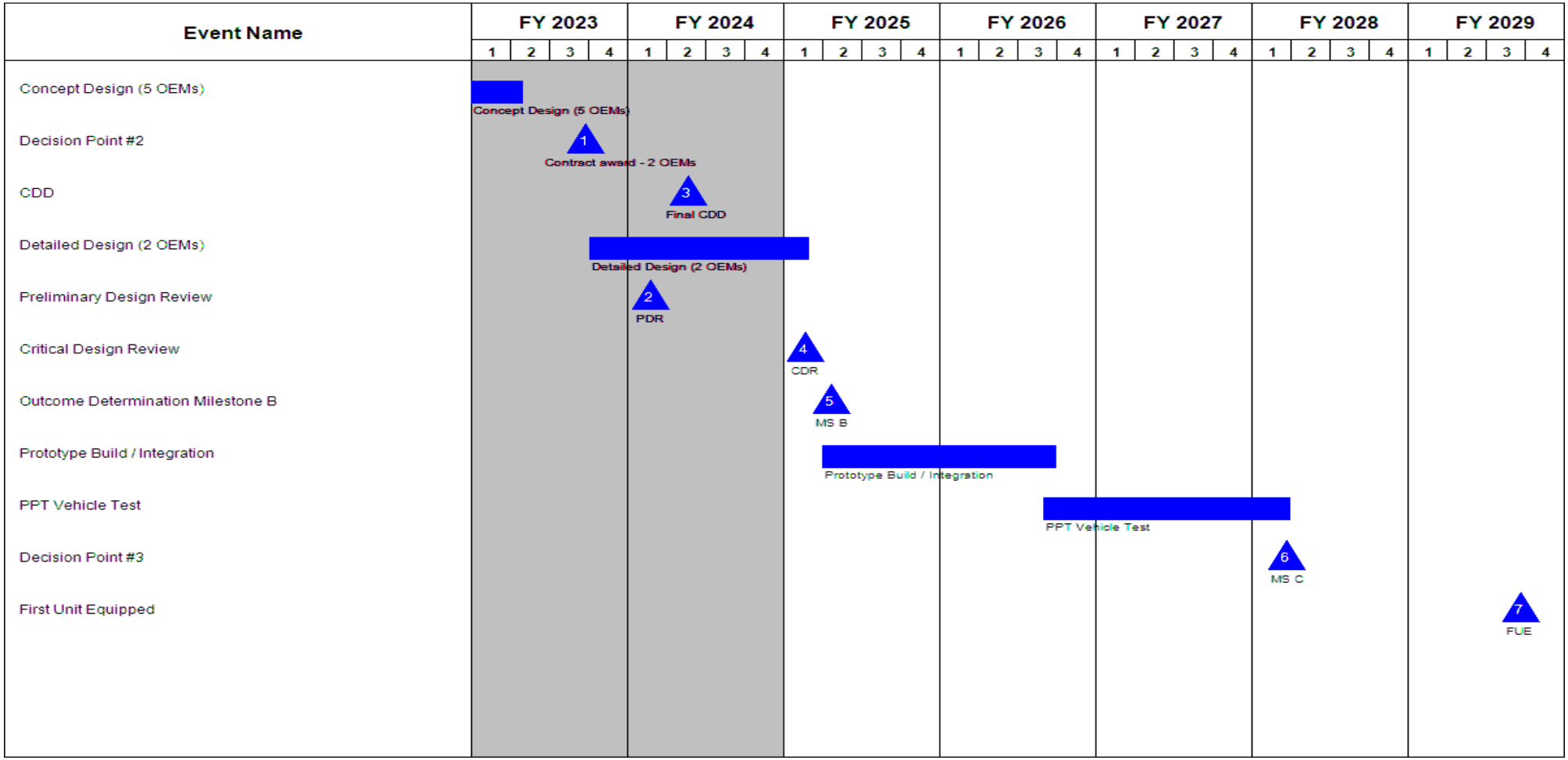

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605625A / *Manned Ground Vehicle*	**Project (Number/Name)** CF6 / *Optionally Manned Fighting Vehicle (OMFV)*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Concept Design (5 OEMs)	4	2021	1	2023
A-CDD	2	2022	2	2022
Request for Proposal Release #2	4	2022	4	2022
Decision Point #2	3	2023	3	2023
CDD	2	2024	2	2024
Detailed Design (2 OEMs)	4	2023	1	2025
Preliminary Design Review	1	2024	1	2024
Critical Design Review	1	2025	1	2025
Outcome Determination Milestone B	2	2025	2	2025
Prototype Build / Integration	2	2025	3	2026
PPT Vehicle Test	3	2026	1	2028
Decision Point #3	1	2028	1	2028
First Unit Equipped	3	2029	3	2029