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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Army **Date:** March 2024

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604622A / <i>Family of Heavy Tactical Vehicles</i>
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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
Total Program Element	-	51.261	44.197	50.011	-	50.011	34.527	39.110	50.102	50.604	0.000	319.812
659: <i>Family Of Hvy Tac Veh</i>	-	23.392	7.232	-	-	-	-	-	-	-	0.000	30.624
DG7: <i>Common Tactical Truck</i>	-	-	23.905	4.605	-	4.605	11.288	16.069	11.032	11.143	0.000	78.042
E50: <i>TRAILER DEVELOPMENT</i>	-	0.710	-	-	-	-	-	-	-	-	0.000	0.710
EZ8: <i>Leader/Follower</i>	-	27.159	13.060	45.406	-	45.406	23.239	23.041	39.070	39.461	0.000	210.436

Note

The execution for CTT was previously tracked on 0604622A / Family of Heavy Tactical Vehicles - Project Number 659. Out-year funding for Heavy Tactical Vehicles (HTV) is also captured on Project Number DG7 but will be transferred to project 659 before the next budget cycle.

A. Mission Description and Budget Item Justification

This Program Element (PE) aligns system development and demonstration of Heavy Tactical Vehicles (HTV) with Multi-Domain Operations (MDO) requirements to support combat and combat support missions to include line haul, local haul, and unit resupply. HTV trucks transport water, ammunition, and general cargo over all terrains and throughout the battle-space. Systems include the Heavy Expanded Mobility Tactical Truck (HEMTT), Palletized Load System (PLS), Heavy Equipment Transporter System (HETS), Enhanced Heavy Equipment Transporter System (EHETS), Line Haul, Heavy Dump Truck (HDT), medium tactical trailers including the Medium Equipment Trailer (MET), the family of flatbed semitrailers to include but not limited to the 40-Ton M870, 34-Ton M872 and the 25-Ton M172 that support multiple Army missions and the development and demonstration of enablers. Recovery systems such as the Modular Catastrophic Recovery System (MCRS) and other heavy wreckers, that rescue large wheeled and track vehicle platforms in severe off-road conditions are also included. Periodic evolutionary upgrade of survivability and crew protection as described in the Long Term Protection Strategy (LTPS) is supported by this PE for both the HTV family of vehicles and the Family of Medium Tactical Vehicles (FMTV). Arctic and Demand Reduction Initiatives are also supported by this PE.

The Common Tactical Truck (CTT) is the next generation of tactical trucks to meet the Army's Tactical Wheeled Vehicle (TWV) Modernization Strategy to take full advantage of economies of scale and commonality with the objective to procure a commercial based Family of Vehicles to replace HEMTT, PLS, Line Haul and M1088 vehicles and leverage best commercial practices at lower procurement costs that are autonomy ready. CTT Middle Tier of Acquisition Rapid Prototyping effort is \$59.370 million RDT&E from FY22 to FY26. The remainder of the CTT MTA program is fully funded across the Future Years Defense Program.

The Leader Follower (LF) funding line supports the Autonomous Transport Vehicle-System (ATV-S) effort that equips Tactical Wheeled Vehicles with autonomous behaviors. Additionally, the capability gives convoy commanders flexibility to leverage the six levels of automated driving that range from Level 0 (Fully Manual) to Level 5 (Fully Autonomous), and any combination therein to conduct convoy operations. Autonomous driving behaviors enables increased operational efficiency of tactical wheeled vehicles resulting in an increase of sustainment throughput while reducing Soldier exposure to hostile threats. The total cost of the Autonomous Transport Vehicle-System (ATV-S) Middle Tier of Acquisition Rapid Prototyping effort is \$84.580 million from FY23 to FY26. The ATV-S MTA-RP program is fully funded across the Future Years Defense Program.

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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Army **Date:** March 2024

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604622A / <i>Family of Heavy Tactical Vehicles</i>
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Funding supports modernization of the current Tactical Wheeled Vehicle fleets by investigating technology insertions including, but not limited to: Predictive Logistics, vetronics, transportability of tactical wheeled vehicle equipment, vehicle electrification, fully autonomous operations, and other emerging technologies. Funding also supports developing initial prototypes to enable refinement of Operational Requirements and early user feedback to support future sustainment and operational movement operating concepts.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	53.014	44.197	18.430	-	18.430
Current President's Budget	51.261	44.197	50.011	-	50.011
Total Adjustments	-1.753	0.000	31.581	-	31.581
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.753	-			
• Adjustments to Budget Years	-	-	31.581	-	31.581

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 659: *Family Of Hvy Tac Veh*

Congressional Add: *HTV Winter Tires*

	FY 2023	FY 2024
	5.000	-
Congressional Add Subtotals for Project: 659	5.000	-
Congressional Add Totals for all Projects	5.000	-

Change Summary Explanation

The increase for FY25 is attributable to funding the Autonomous Transport Vehicle-System (ATVS) program activities under a planned Middle Tier of Acquisition - Rapid Prototyping (MTA-RP) pathway.

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) 659 / Family Of Hvy Tac Veh
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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
659: Family Of Hvy Tac Veh	-	23.392	7.232	-	-	-	-	-	-	-	0.000	30.624
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

No FY25 Base 659 mission requirements. Funds were transferred to DG7, Common Tactical Truck, for execution.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), these items are necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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

	FY 2023	FY 2024	FY 2025
Title: Common Tactical Truck (CTT) Non-Recurring Engineering Description: Middle Tier Acquisition is being considered for rapid prototyping, including designs by multiple vendors for replacement of the M915 Tractor, Palletized Loading System (PLS) and Heavy Expanded Mobility Tactical Truck (HEMTT).	0.435	-	-
Title: Common Tactical Truck (CTT) Prototype Manufacturing Description: Middle Tier Acquisition is being considered for rapid prototyping, including designs by multiple vendors for replacement of the M915 Tractor, Palletized Loading System (PLS) and Heavy Expanded Mobility Tactical Truck (HEMTT).	12.300	-	-
Title: Common Tactical Truck (CTT) Matrix Functional Support Description: Matrix Functional Support is required to address/augment Engineering and Logistic functions, capabilities and gaps to supplement core employee competencies.	2.920	-	-
Title: Common Tactical Truck (CTT) Test Planning Development Description: The CTT Prototype Testing and Soldier Touch Points will determine which vendor's prototype meets the program's desired characteristics such as Digitization and Autonomy Ready.	1.212	-	-
Title: Common Tactical Truck (CTT) Requirements Framing Analysis	0.430	-	-
Title: Predictive Logistics (PL) Development Description: Development of PL Engineer Change Proposals (ECPs) to enable the Tactical Wheeled Vehicle fleet to transition from time-based/conditioned-based maintenance to the ability to act prior to material failure.	0.875	2.007	-
FY 2024 Plans:			

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) 659 / Family Of Hvy Tac Veh		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
Development of Engineer Change Proposals (ECPs) for the Digital Source Collector Ruggedized (DSCR), Operator Support Device (OSD), and Digital Logbook (DLB) applications. FY 2024 to FY 2025 Increase/Decrease Statement: Funding reduced to support reduction in the development of Predictive Logistics Change Proposals and realigned resources within the same PE to support project DG7 Common Tactical Truck.				
Title: HTV Matrix Functional Support FY 2024 Plans: Funding required in FY24 for functional matrix support for HTV efforts FY 2024 to FY 2025 Increase/Decrease Statement: Funding reduced to support reduction in the development of Predictive Logistics Change Proposals and realigned resources within the same PE to support project DG7 Common Tactical Truck.		0.220	0.225	-
Title: Predictive Logistics - Rapid Sustainment Improvement Process (RSIP) Description: Rapid Sustainment Improvement Process (RSIP) is used for projects and processes that can improve current sustainment throughout the Department of Defense, including, Capturing information from sensors already on the vehicles, assist with the accurate analysis for system usage, assessing the actual health of the fleet and accurate life cycle cost reporting. FY 2024 Plans: FY 2024 funds implements the Rapid Sustainment Improvement Process (RSIP) for predictive logistics in support of the HEMTT and PLS programs. FY 2024 to FY 2025 Increase/Decrease Statement: RSIP effort completed in FY24		-	5.000	-
Accomplishments/Planned Programs Subtotals		18.392	7.232	-
		FY 2023	FY 2024	
Congressional Add: HTV Winter Tires FY 2023 Accomplishments: Development, prototype builds, and testing of advanced tire technology.		5.000	-	
Congressional Adds Subtotals		5.000	-	

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Army	Date: March 2024
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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) 659 / Family Of Hvy Tac Veh
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C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u> <u>Base</u>	<u>FY 2025</u> <u>OCO</u>	<u>FY 2025</u> <u>Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• DA0924: <i>Modification Of In Svc Equip</i>	140.869	80.326	169.726	-	169.726	234.974	300.615	231.440	222.959	Continuing	Continuing
• DA0500: <i>Family Of Heavy Tactical Vehicles (FHTV)</i>	275.047	66.428	98.906	-	98.906	71.371	68.938	64.862	65.512	0.000	711.064

Remarks
DA0924 - Modification Of In Svc Equip and DA0500 - Family of Heavy Tactical Vehicles are shared funding lines with other product offices

D. Acquisition Strategy

The Common Tactical Truck (CTT) Family of Vehicles (FoVs) is a modernization effort to replace the Line Haul, HEMTT, PLS, and M1088 vehicles. The CTT has an approved Abbreviated Capability Development Document (A-CDD) and has been approved to pursue the Middle-Tier of Acquisition Rapid Prototyping pathway with an anticipated transition to Major Capability Acquisition for Low-Rate Initial production. The rapid prototyping effort will be executed as a competitive Other Transaction Authority (OTA), awarded to four offerors to deliver three prototypes and three digital designs/studies. The Operational Demonstration / Soldier Touch Points and prototype assessments will inform the Capability Development Document (CDD).

The strategy to develop, integrate and test Predictive Logistics technologies is to leverage existing capabilities developed commercially and adapt for military use on the tactical wheeled vehicle fleet. Development and testing will be conducted by the U.S. Army Capabilities Development Command and ECPs will be integrated by the vehicle Original Equipment Manufacturers.

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) 659 / Family Of Hvy Tac Veh
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Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
CTT Non-Recurring Engineering	C/IDIQ	Various : Various	3.887	0.435	Jan 2023	-		-		-		-	0.000	4.322	-
CTT Prototype Manufacturing	C/IDIQ	Various : Various	-	12.300	Jul 2023	-		-		-		-	0.000	12.300	-
PL Development	TBD	TBD : TBD	-	0.875	Jun 2023	2.007	Jan 2024	-		-		-	Continuing	Continuing	-
HTV Winter Tires	TBD	National Center for Manufacturing Sciences Commercial Technologies for Maintenance : Michigan	-	2.100	Apr 2023	-		-		-		-	0.000	2.100	-
PL - Rapid Sustainment Improvement Process (RSIP)	TBD	TBD : TBD	-	-		5.000	Jan 2024	-		-		-	Continuing	Continuing	-
Subtotal			3.887	15.710		7.007		-		-		-	Continuing	Continuing	N/A

Remarks
CTT Non-Recurring Engineering and Prototype Manufacturing awarded to four vendors: Mack Defense, Navistar Defense, American Rheinmetall Vehicles, Oshkosh Defense

Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
CTT Matrix Functional Support	MIPR	TACOM LCMC : Warren, MI	1.009	2.920	Jan 2023	-		-		-		-	0.000	3.929	-
Requirement Frame Analysis (RFA) report	MIPR	Ft. Leavenworth, MD : Ft. Leavenworth, MD	-	0.430	Mar 2023	-		-		-		-	0.000	0.430	-
PdM HTV Matrix Functional Support	MIPR	TACOM, LCMC : Warren, MI	-	0.220	Mar 2023	0.225	Mar 2024	-		-		-	Continuing	Continuing	-
HTV Winter Tires Support Cost	TBD	TACOM, LCMC : Warren, MI	-	1.579	Jul 2023	-		-		-		-	0.000	1.579	-

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) 659 / Family Of Hvy Tac Veh

Event Name	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029							
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
PL Development					ECP Development																											
PL ECP Development																																
PL ECP Production													Production																			
Common Tactical Truck (CTT)																																
RFA, Trade-Space Analysis, CDD Development																																
OTA #1 Award	▲ 1																															
DP MTA-RP Entry	▲ 2																															
Prototype Delivery					▲ 3																											
Performance Testing/ Operational Demonstration / Solider...																																
Framing Analysis																																
AROC													▲ 4																			
JROC																	▲ 5															
CDD																					▲ 6											

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) 659 / Family Of Hvy Tac Veh

Event Name	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Outcome Determination / Exit MTA RP / Enter MCA / MS C													7 ▲															
Contract Award													8 ▲															
Test Asset Build													████████████████															
DT/ OT/ PQT													████████████████															
Production LRIP													████████████████															
HTV Winter Tire													████████████████															
HTV Winter Tire Testing													████████████████															
	Test and Development																											

Note
The CTT schedule was approved by the Army Acquisition Executive (AAE) during the Middle Tier of Acquisition - Rapid Prototyping Initiation Brief in January 2023.

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) 659 / Family Of Hvy Tac Veh

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
PL Development	1	2024	4	2027
PL ECP Development	1	2024	4	2027
PL ECP Production	2	2026	4	2028
Common Tactical Truck (CTT)	1	2021	4	2027
RFA, Trade-Space Analysis, CDD Development	4	2022	3	2025
OTA #1 Award	2	2023	2	2023
DP MTA-RP Entry	2	2023	2	2023
Prototype Delivery	2	2024	2	2024
Performance Testing/ Operational Demonstration / Solider Touch Points	2	2024	4	2024
Framing Analysis	2	2024	4	2024
AROC	4	2025	4	2025
JROC	2	2026	2	2026
CDD	2	2026	2	2026
Outcome Determination / Exit MTA RP / Enter MCA / MS C	3	2026	3	2026
Contract Award	1	2027	1	2027
Test Asset Build	1	2027	4	2027
DT/ OT/ PQT	2	2029	2	2031
Production LRIP	4	2028	3	2031
Full Rate Production	3	2031	1	2041
HTV Winter Tire	3	2023	4	2024
HTV Winter Tire Testing	3	2023	4	2024

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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 0604622A / <i>Family of Heavy Tactical Vehicles</i>	Project (Number/Name) 659 / <i>Family Of Hvy Tac Veh</i>

Note
The CTT schedule was approved by the Army Acquisition Executive (AAE) during the Middle Tier of Acquisition - Rapid Prototyping Initiation Brief in January 2023.

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) DG7 / Common Tactical Truck
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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
DG7: Common Tactical Truck	-	-	23.905	4.605	-	4.605	11.288	16.069	11.032	11.143	0.000	78.042
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

The execution for CTT was previously tracked on 0604622A / Family of Heavy Tactical Vehicles - Project Number 659. Out-year funding for Heavy Tactical Vehicles (HTV) is also captured on Project Number DG7 but will be transferred to project 659 before the next budget cycle.

A. Mission Description and Budget Item Justification

The Common Tactical Truck (CTT) is a Family of Vehicles (FoV) modernization effort to replace the HEMTT, PLS, Line Haul, and M1088 vehicles while leveraging the best commercial practices, lowering procurement cost (commercial economies of scale), and incorporating technology upgrades including Predictive Logistics, Advanced Driver Assistance Systems (ADAS), and autonomy ready without significantly degrading the performance from current platforms.

Heavy Tactical Vehicles (HTV) Predictive Logistics (PL) and Data Integration Ground Systems (DIGS) Development enables the Tactical Wheeled Vehicle fleet to transition from time-based/conditioned-based maintenance to the ability to act prior to materiel failure; conserves combat power for the battlefield commander. DIGS Development enables the Tactical Wheeled Vehicle fleet to transition from time-based/conditioned-based maintenance to the ability to act prior to materiel failure; conserves combat power for the battlefield commander.

FY 2025 Project DG7 Base funds in the amount of \$2.005 million supports the matrix functional support for the Common Tactical Truck Program. FY2025 Project DG7 Base funds in the amount of \$2.600 million supports DIGS development for Heavy Tactical Vehicles. The DIGS effort provides Heavy Tactical Vehicles with Engineer Change Proposals (ECPs) that will enhance fleet readiness and help to overcome the effects obsolescence.

The total cost of the CTT Middle Tier of Acquisition Rapid Prototyping effort is \$59.370 million RDT&E from FY22 to FY26. The remainder of the CTT MTA program is fully funded across the Future Years Defense Program.

Matrix Functional Support is required to address/augment Engineering and Logistic functions, capabilities and gaps to supplement core employee competencies. System Engineering oversight and multiple functions of Logistics support such as management, fielding, tracking and documentation is required during the acquisition process.

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), these items are necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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

	FY 2023	FY 2024	FY 2025
Title: CTT Prototype Manufacturing	-	8.170	-

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) DG7 / Common Tactical Truck		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2023	FY 2024	FY 2025
<p>Description: Middle Tier Acquisition is being considered for rapid prototyping, including designs by multiple vendors for replacement of the M915 Tractor, Palletized Loading System (PLS) and Heavy Expanded Mobility Tactical Truck (HEMTT).</p> <p>FY 2024 Plans: Funding for phase three of OTA award.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: Funds reduced due to prototype manufacturing completion in FY24.</p>				
<p>Title: CTT Matrix Functional Support</p> <p>Description: Matrix Functional Support is required to address/augment Engineering and Logistic functions, capabilities and gaps to supplement core employee competencies.</p> <p>FY 2024 Plans: Funding for CTT matrix functional support.</p> <p>FY 2025 Plans: Funding for CTT matrix functional support.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: Decreased funding as a result of completed prototypes and testing efforts in FY24.</p>		-	3.860	2.005
<p>Title: CTT Prototype Testing</p> <p>Description: Developmental testing consisting of safety, performance and limited durability testing.</p> <p>FY 2024 Plans: Funding used for the testing of the CTT prototypes from the four vendors.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: Reduced funding because completed testing in FY24.</p>		-	9.609	-
<p>Title: CTT Soldier Assessment</p> <p>Description: Evaluation of the prototype system performance while operating the vehicles in an environment that best represents the mission profiles defined for the variants procured. Also will introduce Soldiers to the new technologies provided by the CTT such as digital backbone, Active Safety Systems, anti-idle and other energy saving technologies and solicit their feedback.</p> <p>FY 2024 Plans:</p>		-	2.266	-

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) DG7 / Common Tactical Truck

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Funding for the Soldier assessment of the CTT prototypes.			
FY 2024 to FY 2025 Increase/Decrease Statement: Funding reduced due to CTT Soldier Assessment completion in FY24			
Title: Predictive Logistics (PL) Data Integration Ground Systems (DIGS) Development Description: Development of PL Engineer Change Proposals (ECPs) to enable the Tactical Wheeled Vehicle fleet to transition from time-based/conditioned-based maintenance to the ability to act prior to material failure. FY 2025 Plans: Development of Engineer Change Proposals (ECPs) for the Digital Source Collector Ruggedized (DSCR), Operator Support Device (OSD), and Digital Logbook (DLB) applications. FY 2024 to FY 2025 Increase/Decrease Statement: Funds increased to continue the Predictive Logistics Data Integration Ground Systems Development effort from Project 659.	-	-	2.600
Accomplishments/Planned Programs Subtotals	-	23.905	4.605

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u> <u>Base</u>	<u>FY 2025</u> <u>OCO</u>	<u>FY 2025</u> <u>Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• D17011: CTT LINE HAUL	-	-	0.000	-	0.000	-	-	69.470	80.940	0.000	150.410

Remarks

D. Acquisition Strategy

The Common Tactical Truck (CTT) Family of Vehicles (FoVs) is a modernization effort to replace the Line Haul, HEMTT, PLS, and M1088 vehicles. The CTT has an approved Abbreviated Capability Development Document (A-CDD) and has been approved to pursue the Middle-Tier of Acquisition Rapid Prototyping pathway with an anticipated transition to Major Capability Acquisition for Low-Rate Initial production. The rapid prototyping effort will be executed as a competitive OTA, awarded to four offerors to deliver three prototypes and three digital designs/studies. The Operational Demonstration/Soldier Touch Points and prototype assessments will inform the Capability Development Document (CDD).

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) DG7 / Common Tactical Truck
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Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
CTT Prototype Manufacturing	C/DIQ	TBD : TBD	-	-		8.170	Dec 2023	-		-		-	0.000	8.170	-
Predictive Logistics DIGS Development	TBD	TBD : TBD	-	-		-		2.600	Jan 2025	-		2.600	0.000	2.600	-
Subtotal			-	-		8.170		2.600		-		2.600	0.000	10.770	N/A

Remarks
CTT Non-Recurring Engineering and Prototype Manufacturing awarded to four vendors: Mack Defense, Navistar Defense, American Rheinmetall Vehicles, Oshkosh

Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Matrix Functional Support	MIPR	TACOM LCMP : Warren, MI	-	-		3.860	Jan 2024	2.005	Jan 2025	-		2.005	0.000	5.865	-
Subtotal			-	-		3.860		2.005		-		2.005	0.000	5.865	N/A

Test and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
CTT Prototype Testing	MIPR	U.S. Army Test Center : Aberdeen, MD	-	-		9.609	Feb 2024	-		-		-	0.000	9.609	-
CTT Soldier Assessment	MIPR	Aberdeen Test Center : ATC, MD	-	-		2.266	May 2024	-		-		-	0.000	2.266	-
Subtotal			-	-		11.875		-		-		-	0.000	11.875	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			-	-	23.905	4.605	-	4.605	0.000	28.510	N/A

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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 0604622A / <i>Family of Heavy Tactical Vehicles</i>			Project (Number/Name) DG7 / <i>Common Tactical Truck</i>				
	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract	

Remarks

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) DG7 / Common Tactical Truck

Event Name	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029								
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4					
Common Tactical Truck																																	
RFA, Trade-Space Analysis, CDD Development																																	
OTA #1 Award	▲ 1																																
DP MTA-RP Entry	▲ 2																																
Prototype Delivery					▲ 3																												
Performance Testing/ Operational Demonstration / Solider...																																	
Framing Analysis																																	
AROC													▲ 4																				
JROC																	▲ 5																
CDD																			▲ 6														
Outcome Determination / Exit MTA RP / Enter MCA / MS C																					▲ 7												
Contract Award																					▲ 8												
Test Asset Build																																	

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) DG7 / Common Tactical Truck

Event Name	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029							
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
DT / OT/PQT																									████████							
Production LRIP																									████████████████							
Predictive Logistics Development																																
Predictive Logistics Development ECP Development													ECP Development																			
Predictive Logistics Development ECP Productions																					Production											

Note
The CTT schedule was approved by the Army Acquisition Executive (AAE) during the Middle Tier of Acquisition - Rapid Prototyping Initiation Brief in January 2023.

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) DG7 / Common Tactical Truck

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Common Tactical Truck	2	2022	4	2028
RFA, Trade-Space Analysis, CDD Development	4	2022	3	2025
OTA #1 Award	2	2023	2	2023
DP MTA-RP Entry	2	2023	2	2023
Prototype Delivery	2	2024	2	2024
Performance Testing/ Operational Demonstration / Solider Touch Points	2	2024	4	2024
Framing Analysis	2	2024	4	2024
AROC	4	2025	4	2025
JROC	2	2026	2	2026
CDD	2	2026	2	2026
Outcome Determination / Exit MTA RP / Enter MCA / MS C	3	2026	3	2026
Contract Award	1	2027	1	2027
Test Asset Build	1	2027	4	2027
DT / OT/ PQT	2	2029	2	2031
Production LRIP	4	2028	3	2031
Full Rate Production	3	2031	1	2041
Predictive Logistics Development	1	2024	4	2027
Predictive Logistics Development ECP Development	1	2024	4	2027
Predictive Logistics Development ECP Productions	2	2026	4	2028

Note

The CTT schedule was approved by the Army Acquisition Executive (AAE) during the Middle Tier of Acquisition - Rapid Prototyping Initiation Brief in January 2023.

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) E50 / TRAILER DEVELOPMENT
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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
E50: TRAILER DEVELOPMENT	-	0.710	-	-	-	-	-	-	-	-	0.000	0.710
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Medium Equipment Trailer (MET) provides critical layered, agile and responsive sustainment capability required for Large Scale Combat Operations (LSCO). The MET supports Multi-Domain Operations (MDO) with the ability to maneuver across strategic distances by providing intermediate weight combat vehicles transportation for a competitive advantage. The MET will be assigned to Heavy Equipment Transporter Systems (HETS) Companies and Composite Truck Companies- Heavy (CTC-H) to expeditiously move Combat Tracked Vehicles such as the Bradley Fighting Vehicle, Armored Multi-Purpose Vehicles (AMPV), Paladin and Field Artillery Ammunition Support Vehicles (FAASV) with a threshold of up to 60 tons and an objective to meet up to 70 tons while also obtaining North Atlantic Treaty Organization (NATO) road permits with a 45 ton payload. The MET will also be capable of transporting vehicles at the OCONUS standard minimum bridge and underpass clearance of 157.5 inches (4 meters).

In accordance with Section 1815 of the FY 2008 National Defense Authorization Act (P.L. 110-181), this item is necessary for use by the active and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.

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

	FY 2023	FY 2024	FY 2025
Title: Medium Equipment Trailer (MET) Prototype Testing and Soldier Assessment	0.710	-	-
Description: MET prototypes will be tested to determine which trailer provides the best value to the Government while meeting the MET requirement. To assist in determining the best value to the Government, a Soldier touch point will also be a part of the evaluation. The best value determination will be used to support a follow on production contract.			
Accomplishments/Planned Programs Subtotals	0.710	-	-

C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• DA0926: MODIFICATION APPLICATION	13.070	26.717	96.292	-	96.292	140.898	185.435	116.004	106.366	0.000	684.782
• D08921: MEDIUM EQUIPMENT TRAILER (MET)	20.260	41.639	61.090	-	61.090	60.492	60.417	61.204	61.816	0.000	366.918

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) E50 / TRAILER DEVELOPMENT

C. Other Program Funding Summary (\$ in Millions)

<u>Line Item</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u> <u>Base</u>	<u>FY 2025</u> <u>OCO</u>	<u>FY 2025</u> <u>Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
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Remarks

D. Acquisition Strategy

The Acquisition Strategy is to execute the MET as a competitive Other Transaction Agreement (OTA) awarded to two Original Equipment Manufacturers (OEMs). The OEMs will provide three prototypes per vendor in preparation to test and down-select to one vendor for follow-on production.

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) E50 / TRAILER DEVELOPMENT

Event Name	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029							
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
Medium Equipment Trailer (MET)																																
MET Competitive Run-off Test	Runoff Test																															
MET OTA Down Select				OTA Down Select																												
MET Milestone C				1 MSC																												

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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 0604622A / <i>Family of Heavy Tactical Vehicles</i>	Project (Number/Name) E50 / <i>TRAILER DEVELOPMENT</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Medium Equipment Trailer (MET)	1	2022	4	2023
MET Materiel Development Decision	2	2021	2	2021
MET Request Prototype Proposal (RPP)	3	2021	3	2021
MET Other Transaction Agreement (OTA) Award	1	2022	1	2022
MET Prototype Manufacturing	1	2022	4	2022
MET Competitive Run-off Test	1	2023	3	2023
MET OTA Down Select	3	2023	3	2023
MET Milestone C	4	2023	4	2023

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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 0604622A / Family of Heavy Tactical Vehicles				Project (Number/Name) EZ8 / Leader/Follower			
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
EZ8: Leader/Follower	-	27.159	13.060	45.406	-	45.406	23.239	23.041	39.070	39.461	0.000	210.436
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Leader Follower (LF) funding line supports the Autonomous Transport Vehicle-System (ATV-S) effort that equips Tactical Wheeled Vehicles with autonomous behaviors. Additionally, the capability gives convoy commanders flexibility to leverage the six levels of automated driving that range from Level 0 (Fully Manual) to Level 5 (Fully Autonomous), and any combination therein to conduct convoy operations. Autonomous driving behaviors enables increased operational efficiency of tactical wheeled vehicles resulting in an increase of sustainment throughput while reducing Soldier exposure to hostile threats.

The total cost of the Autonomous Transport Vehicle-System (ATV-S) Middle Tier of Acquisition Rapid Prototyping effort is \$84.580 million from FY23 to FY26. The ATV-S MTA-RP program is fully funded across the Future Years Defense Program.

Funding supports modernization of the current Tactical Wheeled Vehicle fleets by investigating technology insertions including, but not limited to: Predictive Logistics, vetronics, transportability of tactical wheeled vehicle equipment, vehicle electrification, fully autonomous operations, and other emerging technologies. Funding also supports developing initial prototypes to enable refinement of Operational Requirements and early user feedback to support future sustainment and operational movement operating concepts.

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

	FY 2023	FY 2024	FY 2025
Title: Tactical Wheeled Vehicle Leader Follower (Autonomous Transport Vehicle-System)	27.159	13.060	45.406
Description: Leader Follower (Autonomous Transport Vehicle-System program) equips Tactical Wheeled Vehicles with autonomous behaviors to reduce Soldier risk and increase convoy throughput.			
FY 2024 Plans: FY 2024 funds agile software development for additional autonomous behaviors, configuration management, competitive demonstration & evaluation, and logistics activities.			
FY 2025 Plans: FY 2025 funds the completion of Phase I - Competitive Demonstration and Evaluation of up to three vendor solutions, execution of Phase II - Vendor Prototype Build and Evaluation of up to two vendor solutions, and down select to single vendor solution and award prototypes for Phase III - Build Prototypes / Conduct Operational Demonstration. Activities funded include program management, technical design reviews, test, cyber, prototypes, contractor support and spares to support test, and Government support to vendors using government-provided software.			
FY 2024 to FY 2025 Increase/Decrease Statement:			

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) EZ8 / Leader/Follower

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
FY 2024 to FY 2025 funding increase due to ATV-S requirements to support prototype demonstration, test, and award prototype build for Phase III operational demonstration activities.			
Accomplishments/Planned Programs Subtotals	27.159	13.060	45.406

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• R06806: Leader/Follower Applique (L/F)	-	0.438	0.000	-	0.000	1.900	2.431	3.618	5.065	0.000	13.452
• W20897: AUTONOMOUS TRANSPORT VEHICLE (ATV)	-	-	0.577	-	0.577	1.233	1.220	1.221	1.234	0.000	5.485

Remarks

D. Acquisition Strategy

The Leader Follower (Autonomous Transport Vehicle-System (ATV-S) program) strategy utilizes the Middle Tier of Acquisition (MTA) Rapid Prototyping pathway to compete multiple contractor solutions through a three phased competitive selection process. The ATV-S program has entered Phase I, Prototype Build and Demonstration with three awarded contractors. Phase I will conclude with the evaluation of the three contractor solutions through a demonstration event, and transition to Phase II with two vendors selected to continue into performance test and evaluation. The best value solution from Phase II will transition to Phase III to build additional prototypes to support the FY26 Army Transportation Company-level evaluation required to gain operational feedback to support the follow-on production acquisition.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Army												Date: March 2024			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)					Project (Number/Name)						
2040 / 5				PE 0604622A / Family of Heavy Tactical Vehicles					EZ8 / Leader/Follower						
Management Services (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
LF / ATV-S Program Management	Allot	PM FP : Warren, MI; Harrison Twp, MI	4.085	0.811	Oct 2022	1.833	Oct 2023	6.214	Oct 2024	-		6.214	0.000	12.943	-
Subtotal			4.085	0.811		1.833		6.214		-		6.214	0.000	12.943	N/A
Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Operational Technology Demonstration, Maturation, And Close Out	C/CPFF	Multiple : Various	15.883	-		-		-		-		-	0.000	15.883	-
Development Engineering	MIPR	GVSC : Warren, MI	-	3.367		-		4.291	Oct 2024	-		4.291	0.000	7.658	-
Prototyping Award	C/FFP	Multiple : Various	-	12.430	Aug 2023	5.435	Nov 2023	-		-		-	0.000	17.865	-
Phase II - Vendor Prototype Build and Evaluation	C/FFP	Multiple : Various	-	-		-		11.217	Nov 2024	-		11.217	0.000	11.217	-
Phase III - Build Prototypes / Conduct Operational Demonstration	C/FFP	Multiple : Various	-	-		-		15.321	Sep 2025	-		15.321	0.000	15.321	-
Subtotal			15.883	15.797		5.435		30.829		-		30.829	0.000	67.944	N/A
Support (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Tech Support	MIPR	GVSC, TACOM : Warren, MI	2.425	10.551	Oct 2022	5.042	Oct 2023	0.173	Oct 2024	-		0.173	0.000	18.191	-
Data	TBD	TBD : TBD	-	-		-		0.402	Nov 2024	-		0.402	0.000	0.402	-
Subtotal			2.425	10.551		5.042		0.575		-		0.575	0.000	18.593	N/A

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) EZ8 / Leader/Follower
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Test and Evaluation (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Government Test Support	MIPR	ATEC : Aberdeen, MD	5.177	-		0.750	Mar 2023	6.707	Nov 2024	-		6.707	0.000	12.634	-
SIL Support	MIPR	GVSC : Warren, MI	-	-		-		1.081	Nov 2024	-		1.081	0.000	1.081	-
Subtotal			5.177	-		0.750		7.788		-		7.788	0.000	13.715	N/A
Project Cost Totals			27.570	27.159		13.060		45.406		-		45.406	0.000	113.195	N/A

Remarks
Cost breakout changed in FY25 to better reflect FY23 initiated MTA-RP approach.

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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 0604622A / Family of Heavy Tactical Vehicles	Project (Number/Name) EZ8 / Leader/Follower

Event Name	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Operational Technology Demonstration (OTD)	[Redacted]				[Redacted]																							
OTD Close Out Award	[Redacted]				2	[Redacted]																						
OTD Close Out	[Redacted]				OTD Close Out Award	[Redacted]																						
Acquisition Pathway Initiation	[Redacted]				1	[Redacted]																						
Prototyping Award	[Redacted]				3	[Redacted]																						
Build and Integrate Prototypes for Demonstration	[Redacted]				Build and Integrate Prototypes	[Redacted]																						
Phase I - Competitive Demonstration and Evaluation	[Redacted]				Phase I - Competitive Demonstration and Evaluation	[Redacted]																						
Phase II - Award Vendor Prototype Build and Evaluation	[Redacted]				4	[Redacted]																						
Phase II - Vendor Prototype Build and Evaluation	[Redacted]				Phase II - Award Vendor Prototype Build and Evaluation	[Redacted]																						
Phase III - Award Demonstration Prototypes	[Redacted]				5	[Redacted]																						
Phase III - Build Prototypes / Conduct Operational Demon...	[Redacted]				Phase III - Award Demonstration Prototypes	[Redacted]																						
	[Redacted]				Phase III - Build Prototypes / Conduct Operational Demonstration	[Redacted]																						

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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 0604622A / <i>Family of Heavy Tactical Vehicles</i>	Project (Number/Name) EZ8 / <i>Leader/Follower</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Operational Technology Demonstration (OTD)	1	2022	4	2023
OTD Close Out Award	1	2024	1	2024
OTD Close Out	1	2024	1	2025
Acquisition Pathway Initiation	1	2024	1	2024
Prototyping Award	1	2024	1	2024
Build and Integrate Prototypes for Demonstration	1	2024	4	2024
Phase I - Competitive Demonstration and Evaluation	4	2024	1	2025
Phase II - Award Vendor Prototype Build and Evaluation	1	2025	1	2025
Phase II - Vendor Prototype Build and Evaluation	1	2025	4	2025
Phase III - Award Demonstration Prototypes	4	2025	4	2025
Phase III - Build Prototypes / Conduct Operational Demonstration	4	2025	4	2026