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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2023 Army **Date:** April 2022

<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605812A / <i>Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Phase (EMD)</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	1.500	2.564	9.376	-	9.376	9.562	2.060	2.367	2.391	Continuing	Continuing
VU9: <i>Joint Light Tactical Vehicle</i>	-	1.500	2.564	9.376	-	9.376	9.562	2.060	2.367	2.391	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

The JLTV Family of Vehicles (FoV), to include a companion trailer, is a United States Army (USA) acquisition lead, joint program with the U.S. Marine Corps (USMC). The JLTV is capable of performing multiple mission roles and designed to provide protected, sustained, networked mobility for personnel and payloads across the full range of military operations. JLTV objectives include increased protection and performance over the current fleet; and, minimizing ownership costs by maximizing commonality, fuel efficiency, reliability, and maintaining effective competition throughout the life cycle. Commonality of components, maintenance procedures, training, etc., among vehicles is expected to be inherent in FoV solutions across mission variants to minimize total ownership cost. Unique service requirements have been minimized. The JLTV Trailer (JLTV-T) is the companion trailer to the JLTV and safely carries its payload while maintaining the same mobility characteristics of the prime mover. The trailer requirement as defined in the Capability Production Document (CPD), dated 21 November 2014 was validated on 7 June 2019 by the Army and required the JLTV and JLTV-T to be fielded as a system. On November 2019, Army Futures Command validated the JLTV-T Army Procurement Objective (APO) of 18,224. The Follow-on JLTV Contract award remains on track to be awarded in Q4 FY 2022. JLTV intends to competitively award the follow-on Contract as a single award five year requirements contract with five one year options.

This program element supports modernization of the JLTV FoV by investigating technology insertions including, but not limited to: predictive logistics, vetronics, Victory Architecture, autonomous operations and other emerging technologies. This program element also supports developing initial prototypes to enable refinement of Operational Requirements and early user feedback to support future sustainment and operational movement operating concepts.

The FY 2023 budget funds the acquisition of 1 JLTV General Purpose truck and 2 Cab test assets in support of the Follow-on Contract Live Fire testing; and the development and continuation of engineering efforts. Engineering efforts include the continuation of development and integration of Climate Change initiatives and reduced liquid logistics such as anti-idle technology on the JLTV A1/A0, and JLTV Electrification analysis and demonstrations in support of vehicle electrification to determine the propulsion system sizing that would be required to deliver similar/optimal mobility to the current conventional propulsion system; occupant safety and survivability technologies; integration of emerging requirements related to lethality, utility, C5ISR (capability sets) and operational needs.

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<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605812A / <i>Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Phase (EMD)</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Previous President's Budget	1.678	2.564	0.000	-	0.000
Current President's Budget	1.500	2.564	9.376	-	9.376
Total Adjustments	-0.178	0.000	9.376	-	9.376
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-0.178	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	9.376	-	9.376

**Change Summary Explanation**

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Army										<b>Date:</b> April 2022		
<b>Appropriation/Budget Activity</b> 2040 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0605812A / Joint Light Tactical Vehicle ( JLTV) Engineering and Manufacturing Development Phase (EMD)				<b>Project (Number/Name)</b> VU9 / Joint Light Tactical Vehicle			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
VU9: Joint Light Tactical Vehicle	-	1.500	2.564	9.376	-	9.376	9.562	2.060	2.367	2.391	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

The JLTV Family of Vehicles (FoV), to include a companion trailer, is a United States Army (USA) acquisition lead, joint program with the U.S. Marine Corps (USMC). The JLTV is capable of performing multiple mission roles and designed to provide protected, sustained, networked mobility for personnel and payloads across the full range of military operations. JLTV objectives include increased protection and performance over the current fleet; and, minimizing ownership costs by maximizing commonality, fuel efficiency, reliability, and maintaining effective competition throughout the life cycle. Commonality of components, maintenance procedures, training, etc., among vehicles is expected to be inherent in FoV solutions across mission variants to minimize total ownership cost. Unique service requirements have been minimized. The JLTV Trailer (JLTV-T) is the companion trailer to the JLTV and safely carries its payload while maintaining the same mobility characteristics of the prime mover. The trailer requirement as defined in the Capability Production Document (CPD), dated 21 November 2014 was validated on 7 June 2019 by the Army and required the JLTV and JLTV-T to be fielded as a system. On November 2019, Army Futures Command validated the JLTV-T Army Procurement Objective (APO) of 18,224. The Follow-on JLTV Contract remains on schedule to be awarded in Q4 FY 2022. JLTV intends to competitively award the follow-on Contract as a single award five year requirements contract with five one year options.

This program element supports modernization of the JLTV FoV by investigating technology insertions including, but not limited to: predictive logistics, vetronics, Victory Architecture, autonomous operations and other emerging technologies. This program element also supports developing initial prototypes to enable refinement of Operational Requirements and early user feedback to support future sustainment and operational movement operating concepts.

The FY 2023 budget funds the acquisition of 1 JLTV General Purpose truck and 2 Cab test assets in support of the Follow-on Contract Live Fire testing; and the development and continuation of engineering efforts. Engineering efforts include the continuation of development and integration of Climate Change initiatives and reduced liquid logistics such as anti-idle technology on the JLTV A1/A0, and JLTV Electrification analysis and demonstrations in support of vehicle electrification to determine the propulsion system sizing that would be required to deliver similar/optimal mobility to the current conventional propulsion system; occupant safety and survivability technologies; integration of emerging requirements related to lethality, utility, C5ISR (capability sets) and operational needs.

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

	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
<b>Title:</b> Evaluation and Assessment of current and future engineering efforts	1.050	1.480	1.150
<b>Description:</b> Funding is provided for the support of JLTV evaluation and assessment of current and future engineering efforts.			
<b>FY 2022 Plans:</b>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Army		<b>Date:</b> April 2022		
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605812A / Joint Light Tactical Vehicle ( JLTV) Engineering and Manufacturing Development Phase (EMD)	<b>Project (Number/Name)</b> VU9 / Joint Light Tactical Vehicle		
<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Development and continuation of engineering efforts including: Initiation of design, integration and testing for Integrated Tactical Network (ITN) rapid prototyping to support emerging characterization events; JLTV Utility Multipurpose Protected Shelter (JUMPS) to support emerging requirements such as Protected Ambulance, Protected Troop Transport, and Protected Command and Control; and Close Combat Weapons Carrier (CCWC) enhancements  <b>FY 2023 Plans:</b> Development and continuation of engineering efforts including: development of occupant safety and survivability technologies; integration of emerging requirements related to lethality, utility, C5ISR (capability sets) and operational needs.  <b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> Decrease in funding from FY22 to FY23 due to reduction of JPO direct funding for Next Generation Powertrain efforts that are now being performed through Rapid Capabilities and Critical Technologies Office (RCCTO).				
<b>Title:</b> Test Assets  <b>Description:</b> Procurement of test assets.  <b>FY 2023 Plans:</b> Procurement of 1 JLTV General Purpose truck and 2 Cab test assets in support of Follow-on Contract Live Fire testing.  <b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> Increase due to requirement beginning in FY23.		-	-	0.577
<b>Title:</b> Follow-on Contract (FOC) contractor support for Test Assets  <b>Description:</b> Follow-on Contract (FOC) contractor support for Test Assets.  <b>FY 2023 Plans:</b> Contractor FOC support.  <b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> Increase due to requirement beginning in FY23.		-	-	0.083
<b>Title:</b> Evaluation and assessment of current and future Climate Change initiatives  <b>Description:</b> Funding is provided for the support of JLTV evaluation and assessment of current and future Climate Change initiatives  <b>FY 2022 Plans:</b>		0.450	0.990	7.566

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
Continuation of Climate Change initiatives and reduced liquid logistics such as anti-idle technology on the JLTV A1/A0. <b>FY 2023 Plans:</b> Development and continuation of engineering efforts including: Continuation of JLTV Electrification analysis and demonstrations in support of vehicle electrification to determine the propulsion system sizing that would be required to deliver similar/optimal mobility to the current conventional propulsion system; development and integration of Climate Change initiatives and reduced liquid logistics such as anti-idle technology on the JLTV A1/A0. <b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> Increase due to acceleration of Climate Change initiatives.			
<b>Title:</b> SBIR/STTR Transfer <b>Description:</b> Small Business Innovation Research (SBIR)/Small Business Technology Transfer (STTR) <b>FY 2022 Plans:</b> SBIR/STTR Transfer <b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> SBIR/STTR Transfer	-	0.094	-
<b>Accomplishments/Planned Programs Subtotals</b>	1.500	2.564	9.376

<b>C. Other Program Funding Summary (\$ in Millions)</b>											
<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• D15610: JOINT LIGHT TACTICAL VEHICLE FAMILY OF VEHICLES	884.414	574.562	703.110	-	703.110	797.870	803.102	790.535	790.729	Continuing	Continuing
• D15615: JOINT LIGHT TACTICAL VEHICLE (JLTV)	836.623	496.122	631.264	-	631.264	744.325	753.923	748.188	748.451	Continuing	Continuing
• D15618: JOINT LIGHT TACTICAL VEHICLE TRAILER (JLTV-T)	47.791	78.440	71.846	-	71.846	53.545	49.179	42.347	42.278	Continuing	Continuing
• D00929: JOINT LIGHT TACTICAL VEHICLE (JTLV) MOD-IN-SERVICE	-	7.190	8.084	-	8.084	8.221	28.759	49.480	69.623	Continuing	Continuing

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Army	<b>Date:</b> April 2022
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<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605812A / Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Phase (EMD)	<b>Project (Number/Name)</b> VU9 / Joint Light Tactical Vehicle
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**C. Other Program Funding Summary (\$ in Millions)**

Line Item	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
• MC - 5095: JOINT LIGHT TACTICAL VEHICLE (JLTV) - USMC	368.675	322.013	222.257	-	222.257	182.222	281.026	329.440	531.039	Continuing	Continuing
• MC - 0605813M: JOINT LIGHT TACTICAL VEHICLE (JLTV) - USMC	2.541	2.005	2.856	-	2.856	2.574	2.485	2.289	2.322	Continuing	Continuing

**Remarks**

JLTV is a Joint Program with the United States Marine Corps (USMC)

**D. Acquisition Strategy**

The JLTV Family of Vehicles (FoV), to include a companion trailer, is a United States Army (USA) acquisition lead, joint program with the U.S. Marine Corps (USMC).

The JLTV Program entered the Production and Deployment Phase with the Acquisition Decision Memorandum authorization on 25 August 2015. With Milestone C approval, the Low Rate Initial Production (LRIP) fixed price contract was awarded to Oshkosh Defense LLC on 25 August 2015. This contract consisted of a three year LRIP period with options for five additional years of Full Rate Production (FRP) deliveries. JPO JLTV procured the Technical Data Package (TDP) with appropriate data rights to allow for possible future competition for production vehicles and spares. Current contract options may be exercised through 30 November 2023. The Follow-on JLTV Contract is scheduled to be awarded in Q1 FY 2023. JLTV intends to competitively award the Follow-on Contract as a single award five year requirements contract with five one year options.

A split procurement will occur between the existing Oshkosh Contract and the new competitively awarded Contract based on the approved acquisition strategy. Program achieved a successful FRP decision in May 2019. The FRP Acquisition Decision Memorandum was signed in June 2019.

The trailer requirement as defined in the Capability Production Document (CPD), dated 21 November 2014 was validated on 7 June 2019 by the Army and required the JLTV-T to be fielded to units receiving JLTV trucks with a documented trailer requirement. In November 2019, Army Futures Command validated the JLTV-T Army Procurement Objective (APO) of 18,224. In June 2020, the 1st JLTV Trailer Production Contract was awarded to Oshkosh for 1,410 Army JLTV-Ts.

The JLTV program will continually monitor emerging technologies and capabilities through its partnerships with U.S. Army and Marine Corps science and technology organizations as well as through industry market research and partnerships. The JLTV program will look for opportunities to implement increased capabilities throughout the systems Life Cycle. Engineering initiatives will directly support the Army Climate Change Strategy and the operational needs of the Soldier. The anticipated outcome of these initiatives are fully validated Engineering Change Proposals (ECPs) that can be applied to the current and future JLTV fleet.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Army** **Date:** April 2022

<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605812A / Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Phase (EMD)	<b>Project (Number/Name)</b> VU9 / Joint Light Tactical Vehicle
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<b>Management Services (\$ in Millions)</b>				<b>FY 2021</b>		<b>FY 2022</b>		<b>FY 2023 Base</b>		<b>FY 2023 OCO</b>		<b>FY 2023 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Joint Light Tactical Vehicles (JLTV) Contract Service Support	SS/CPFF	Booz-Allen Hamilton, : McLean, VA	10.191	-		-		-		-		-	0.000	10.191	-
JLTV Contract Service Support for Cost Analysis for JLTV CARD	SS/CPFF	Camber Corporation, : Huntsville, AL	0.591	-		-		-		-		-	0.000	0.591	-
JLTV Service Support	MIPR	US Army Combined Arms Support Commands - CASCOM, : Ft. Lee, VA	0.200	-		-		-		-		-	0.000	0.200	-
SBIR/STTR Transfer	Various	Various : Various	-	-		0.094		-		-		-	0.000	0.094	-
<b>Subtotal</b>			10.982	-		0.094		-		-		-	0.000	11.076	N/A

**Remarks**  
Funding for Management Services has shifted from RDT&E to Procurement and Operations and Maintenance - Army(OMA).

<b>Product Development (\$ in Millions)</b>				<b>FY 2021</b>		<b>FY 2022</b>		<b>FY 2023 Base</b>		<b>FY 2023 OCO</b>		<b>FY 2023 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
JLTV Live Fire Test Support	C/FFP	Oshkosh Corporation : Oshkosh, WI	19.091	-		-		-		-		-	0.000	19.091	-
Evaluation and Assessment of current and future engineering efforts	C/Various	Various : Various	14.595	1.050	Jan 2021	1.480	Jan 2022	1.150	Jan 2023	-		1.150	Continuing	Continuing	Continuing
Test Assets	C/TBD	TBD : TBD	-	-		-		0.577	Oct 2022	-		0.577	0.000	0.577	-
Follow-on Contract (FOC) support	C/TBD	TBD : TBD	-	-		-		0.083	Oct 2022	-		0.083	0.000	0.083	-
Climate Change initiatives	C/Various	Various : Various	-	0.450	Jan 2021	0.990		7.566	Oct 2022	-		7.566	0.000	9.006	-

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Army** **Date:** April 2022

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<b>Product Development (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
<b>Subtotal</b>			33.686	1.500		2.470		9.376		-		9.376	Continuing	Continuing	N/A

**Remarks**  
FY 2023 supports the procurement of 1 JLTV General Purpose truck, 2 Cabs, and contractor support for the competitive Follow-on Contract live fire and survivability test. FY 2023 also supports acceleration of Climate Change initiatives.

<b>Support (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Joint Light Tactical Vehicles (JLTV) Program Management Support	Various	TACOM Life Cycle Management Command (LCMC), : Harrison Township, MI	31.919	-		-		-		-		-	0.000	31.919	-
GFE Management / GFE / Integration	MIPR	Various : TBD	19.436	-		-		-		-		-	0.000	19.436	-
JLTV EMD/LRIP phase.	MIPR	Tank-Automotive Research, Development, and Engineering Center - TARDEC : Warren, MI	14.245	-		-		-		-		-	0.000	14.245	-
JLTV Prototype EMD/LRIP - Budget	MIPR	TACOM Life Cycle Management Command (LCMC), : Warren, MI	12.383	-		-		-		-		-	0.000	12.383	-
<b>Subtotal</b>			77.983	-		-		-		-		-	0.000	77.983	N/A

**Remarks**  
Funding for Support Costs has shifted from RDT&E to Procurement and Operations and Maintenance - Army(OMA).



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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2023 Army</b>		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605812A / Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Phase (EMD)	<b>Project (Number/Name)</b> VU9 / Joint Light Tactical Vehicle

Event Name	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	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
Evaluation and Assessment	[Redacted]																											
JLTV Utility Multipurpose Protected Shelter (JUMPS)	[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]			
Climate Change - Anti-Idle	[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]			
JLTV Electrification Analysis	[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]			
Integrated Tactical Network (ITN)	[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]			
Integration of Emerging Technologies	[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]			
Survivability	[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]			
Competitive Follow-On Contract Award	[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]			
Test Hardware Buy	[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]			
Follow-on Contract Live Fire and Survivability Testing	[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]				[Redacted]			

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2023 Army		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 2040 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605812A / Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Phase (EMD)	<b>Project (Number/Name)</b> VU9 / Joint Light Tactical Vehicle

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Evaluation and Assessment	3	2018	4	2027
JLTV Utility Multipurpose Protected Shelter (JUMPS)	4	2021	4	2022
Climate Change - Anti-Idle	3	2022	3	2024
JLTV Electrification Analysis	2	2021	4	2023
Integrated Tactical Network (ITN)	3	2022	2	2023
Integration of Emerging Technologies	2	2023	2	2024
Survivability	2	2023	4	2023
Competitive Follow-On Contract Award	1	2023	1	2023
Test Hardware Buy	2	2023	2	2023
Follow-on Contract Live Fire and Survivability Testing	4	2024	1	2025