Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Army												Date: May 2017
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 5: *System Development & Demonstration (SDD)*					R-1 Program Element (Number/Name) PE 0605028A *I Armored Multi-Purpose Vehicle (AMPV)*							
COST ($ in Millions)	**Prior Years**	**FY 2016**	**FY 2017**	**FY 2018 Base**	**FY 2018 OCO**	**FY 2018 Total**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**Cost To Complete**	**Total Cost**
Total Program Element	-	213.034	184.221	199.778	-	199.778	123.264	94.850	94.132	0.000	0.000	909.279
EB5: *Armored Multi-Purpose Vehicle*	-	213.034	184.221	199.778	-	199.778	123.264	94.850	94.132	0.000	0.000	909.279

A. Mission Description and Budget Item Justification

The Armored Multi-Purpose Vehicle (AMPV) is the materiel solution for replacement of the Army's Armored Personnel Carrier (M113) Family of Vehicles (FoV) within the Armored Brigade Combat Team (ABCT). It will mitigate current and future capability gaps in force protection, mobility, reliability, and interoperability across the Spectrum of Conflict. The AMPV will replace five mission roles currently performed by the M113 FoV by transferring the current M113 Mission Equipment Packages (MEP) to a new Military Vehicle Derivative (MVD) platform. In total, the AMPV FOV will account for approximately 30% of the ABCT's tracked fleet and consists of the following five variants:

1. Mission Command (MCmd) Vehicle: This platform enables effective mission command planning and execution for both the Tactical Operations Center (TOC) and Tactical Command Vehicle (TAC) versions of the MCmd. It will host current Battle Command Systems, future replacements, and upgrades of hardware and software.
2. Medical Treatment (MT) Vehicle: This platform will provide a protected surgical environment, with adequate lighting and accessible medical equipment. It will provide a capability for immediate medical care for one patient by a medical crew of four.
3. Medical Evacuation (ME) Vehicle: This platform will conduct ambulance type activities and provide casualty evacuation for up to four litter or six ambulatory patients, with a crew of three medical attendants.
4. General Purpose (GP) Vehicle: This platform will operate throughout the battle space by conducting re-supply, maintenance, casualty evacuation, and other tasks within the formation.
5. Mortar Carrier (MC) Vehicle: This platform will provide immediate responsive fire support to conduct fast-paced offensive operations.

The AMPV program has been initiated on the basis of a Capability Development Document (CDD) that was approved on 21 June 2013. The CDD reflects a set of stable, technologically achievable requirements. A Milestone B (MS B) Defense Acquisition Board (DAB) was held on 9 December 2014 and it was followed by an Acquisition Decision Memorandum (ADM) that was signed on 22 December 2014. The ADM approved MS B for the AMPV program and entry into the Engineering and Manufacturing Development (EMD) phase. In addition, the ADM authorized the Army to proceed with award of the EMD prime contract, which occurred on 23 December 2014 to BAE Systems Land & Armaments, L.P. (BAE). The FY2016 Accomplishments described below largely reflect the lead-up to the Critical Design Review (CDR) and initiation of activities related to procurement of prototype hardware. Included are efforts that are associated with the preparation and review of all CDR artifacts, as well as efforts related to CPR close-out. The FY2017 Planned Program is related to the integration, assembly, and delivery of 29 full system prototypes, further development of logistics products, and the initiation of the AMPV development test program. The FY2018 Planned Program consists of Production Prove Out Testing (including performance and reliability testing), completion of the Interim Design Review (IDR) and the Functional Configuration Audit (FCA), Logistics Demonstration, and initiation of the Limited User Test (LUT).

Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Army					Date: May 2017
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 5: *System Development & Demonstration (SDD)*			R-1 Program Element (Number/Name) PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*		
B. Program Change Summary ($ in Millions)	**FY 2016**	**FY 2017**	**FY 2018 Base**	**FY 2018 OCO**	**FY 2018 Total**
Previous President's Budget	226.210	184.221	200.809	-	200.809
Current President's Budget	213.034	184.221	199.778	-	199.778
Total Adjustments	-13.176	0.000	-1.031	-	-1.031
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-4.200	-			
• SBIR/STTR Transfer	-8.976	-			
• Other Adjustments 1	0.000	0.000	-1.031	-	-1.031

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army			Date: May 2017
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	Project (Number/Name) EB5 / *Armored Multi-Purpose Vehicle*	

COST ($ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
EB5: *Armored Multi-Purpose Vehicle*	-	213.034	184.221	199.778	-	199.778	123.264	94.850	94.132	0.000	0.000	909.279
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Armored Multi-Purpose Vehicle (AMPV) is the materiel solution for replacement of the Army's Armored Personnel Carrier (M113) Family of Vehicles (FoV) within the Armored Brigade Combat Team (ABCT). It will mitigate current and future capability gaps in force protection, mobility, reliability, and interoperability across the Spectrum of Conflict. The AMPV will replace five mission roles currently performed by the M113 FoV by transferring the current M113 Mission Equipment Packages (MEP) to a new Military Vehicle Derivative (MVD) platform. In total, the AMPV FOV will account for approximately 30% of the ABCT's tracked fleet and consists of the following five variants:

1. Mission Command (MCmd) Vehicle: This platform enables effective mission command planning and execution for both the Tactical Operations Center (TOC) and Tactical Command Vehicle (TAC) versions of the MCmd. It will host current Battle Command Systems, future replacements, and upgrades of hardware and software.
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Exhibit R-2A, RDT&E Project Justification: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	**Project (Number/Name)** EB5 / *Armored Multi-Purpose Vehicle*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Title: Armored Multi-Purpose Vehicle (AMPV) Product Development	182.201	134.033	141.000	-	141.000

Description: AMPV Product Development costs include all efforts provided under the AMPV EMD prime contract along with Government Furnished Material (GFM). Significant examples of prime contract effort include: development engineering, system engineering/program management, prototype hardware procurement, prototype system level fabrication and integration, software development, support to the government test program, and oversight of subcontractors/suppliers. Also included are all efforts performed by subcontractors/ suppliers who are under contract to the AMPV EMD prime contractor. This element also includes the recurring manufacturing cost to procure the vehicles that will support Full-Up System Level (FUSL) live fire testing.

FY 2016 Accomplishments:
The prime contractor continued to operate in an Integrated Product Team (IPT) environment consisting of eight unique teams. The prime contractor supported team meetings and reviews and reported program progress through the use of Earned Value Management (EVM) and Technical Performance Measures (TPMs). Based on successful completion of the PDR, activities transitioned to detailed design of components and subsystems in FY2016. These detailed design efforts were focused on integration of existing components into the AMPV chassis, which were tailored to the five mission roles. Final prototype designs and related drawings were completed in FY2016. In addition, as nearly all of the subsystems that will be integrated into the prototype structures will be existing designs, most of the hardware at a component level was ordered 3-4QFY2016. Integration of these components into subsystems commenced 4QFY2016 and were mostly complete by 1-2QFY2017. Prototype final integration, assembly, and checkout were initiated to allow full vehicle prototypes to begin to be delivered late 1QFY2017. In addition to prototype development and fabrication, the engineering work was focused on the Critical Design Review (CDR), which took place 21-23 June 2016. All artifacts that supported CDR were delivered to the government prior to the review. Approximately 50 artifacts were delivered in support of CDR. Government Furnished Material for the system prototypes, mainly consisting of Mission Equipment Packages and communication hardware, was procured 2-3QFY2016. Final builds for armor coupons and ballistic hull test articles were completed to support live fire/survivability testing in FY17.

FY 2017 Plans:
Prototype efforts in FY2017 will consist of the integration, assembly, checkout, and shipment of 29 full system prototype vehicles. The prime contractor will support the de-processing, functional testing, instrumentation, training, fielding and maintenance of the prototypes at government test sites. In addition, for each of the first 5 prototype vehicles, the prime contractor will conduct 1,500 miles of shakedown testing prior to beginning government run system level tests. Also related to the prototype vehicles, the prime contractor will deliver

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	**Project (Number/Name)** EB5 / *Armored Multi-Purpose Vehicle*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
and manage System Support Packages (SSPs) that consist of the necessary spare parts required to facilitate government testing. From an engineering perspective, the prime contractor will make informed design changes to respond to hardware and software upgrades and CDD updates, as well as utilize knowledge gained from system level testing to update vehicle designs, as required. Any updates will be presented in an Interim Design Review (IDR), currently planned for early 2QFY2018. In addition, the Vehicle Tactical Integration Lab (VTIL) and the Computer Software Integration Lab (CSIL) will continue to be used to trouble-shoot any emerging issues and, if necessary, verify design updates. During FY2017, the final three software builds will be delivered. These builds are primarily expected to be clean-up builds that will resolve any problems uncovered during system level testing. The prime contractor will perform significant work related to Logistics/Product Support in FY2017. This will include an update to the Level of Repair Analysis (LORA), provisioning of repair parts, development of packaging information, training at test sites, and the validation of technical manual tasks in preparation for the Logistics Demonstration starting in 2QFY2018. Logistics related documentation to be completed by BAE in FY2017 includes the Logistics Demonstration Plan, System Demilitarization and Disposal Plan, Preservation and Storage of Unique Tooling, Core Logistics Assessment, Core Depot Assessment, Depot Source of Repair, and Analysis of Product Support Alternatives. ***FY 2018 Base Plans:*** Prime contractor activities in FY2018 will consist of efforts that support the conduct of system level tests and efforts that are necessary as a result of the tests. In addition, the contractor will continue work related to Logistics/Product Support. All 29 prototypes will undergo testing in FY2018, with tests often occurring simultaneously at multiple locations. The contractor will support these tests by providing Field Service Representatives (FSRs) to assist in repairing and maintaining the prototypes and by providing Subject Matter Experts (SMEs) to troubleshoot any issues that might arise during testing. As required, the contractor will update the AMPV designs to address any shortcomings that are uncovered during testing or to incorporate any updates to government performance requirements. A Corrective Action Period (CAP) is planned for late 1QFY2018 through late 2QFY2018. During the CAP, the contractor will incorporate any design changes that are deemed necessary. An Interim Design Review (IDR) will be conducted at the conclusion of the CAP. The IDR will demonstrate that design changes made after the CDR are baselined and the system design is ready for manufacturing. A minimum of seventeen (17) artifacts will be generated by the contractor in support of IDR. Additional system level testing will take place following the CAP. At least 9,950 miles (not including contractor shakedown testing) will accrue during formal government testing prior to the CAP and at least an additional 9,500 miles will accrue following the CAP. Following completion of the post-CAP system level tests, a Functional Configuration Audit (FCA) will occur 4QFY2018. During the FCA, the contractor will demonstrate that the as-					

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	**Project (Number/Name)** EB5 / *Armored Multi-Purpose Vehicle*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
tested performance of the vehicles complies with design and interface requirements. Immediately following the FCA, the contractor will support the Limited User Test (LUT) in 4QFY2018. Eighteen (18) of the prototypes will be used during the LUT and the contractor will support the test by having FSRs and Test Engineers (TEs) on site and SMEs on call. Besides ensuring that the prototypes are adequately supported before and during testing, the contractor will provide all facilities, parts, tools, and other support items necessary to conduct a Logistics Demonstration (Log Demo) 2-4QFY2018. The contractor will validate the logistics support package prior to the Log Demo and will ensure that the nine (9) primary objectives of the Log Demo are achieved. The first Low Rate Initial Production (LRIP) contract option covers 52 vehicles, 10 of which (2 of each variant type) will support Full-Up System Level (FUSL) live fire testing. The recurring manufacturing cost associated with these 10 live fire assets will be Research, Development, Test, and Evaluation (RDT&E) funded, while the remaining 42 vehicles will be Procurement funded. Further, the live fire testing is scheduled to begin 2QFY2020 and the lead times associated with select hardware, such as electronic components, is expected to be such that some items must be procured as early as 3QFY2018. In accordance with the Full Funding Policy, the entire procurement cost of the live fire test assets is being budgeted in the fiscal year in which select items are initially procured. Accordingly, the FY2018 cost in this element includes the full recurring manufacturing cost necessary to procure 10 FUSL live fire test assets.					
Title: AMPV Government Program Management Costs	23.847	25.414	24.564	-	24.564
Description: AMPV Government Program Management costs include efforts to provide Government oversight of the AMPV program. This includes Systems Engineering and Program Management. Government and support Contractor salaries are included, as well as travel and other support costs that are required to effectively manage the program. Costs in this category do not include Government Furnished Material or efforts that are specific and unique to end item testing that is performed at Government test locations. ***FY 2016 Accomplishments:*** Provided integrated program management for all development activities, to include providing oversight to the Engineering Manufacturing and Development (EMD) contractor. Eight AMPV Integrated Product Teams (Program Management; Business Management; Engineering; Product Assurance and Test; Reliability, Availability, Maintainability (RAM) Product Support; Product Support Management; Manpower and Personnel Integration; and Government Furnished Material) continued to oversee the technical development efforts of the EMD contractor in order to monitor and track technical progress related to the development of the various subsystems. This included review and acceptance of all formal contract deliverables. The AMPV Earned Value Management (EVM) team continued to evaluate cost and schedule performance against the established					

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	**Project (Number/Name)** EB5 / *Armored Multi-Purpose Vehicle*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Performance Measurement Baseline (PMB) and Integrated Master Schedule (IMS). An emphasis for the Government team in FY2016 was on supporting the contractor's Critical Design Review (CDR), which took place 21-23 June 2016. ***FY 2017 Plans:*** Provide integrated program management for all development activities, to include providing oversight to BAE. Eight Integrated Product Teams will continue to oversee the technical development efforts of BAE in order to monitor and track technical progress related to the development of the various subsystems. This includes review and acceptance of all formal contract deliverables. The AMPV Earned Value Management (EVM) team will continue to evaluate cost and schedule performance against the established Performance Measurement Baseline (PMB) and Integrated Master Schedule (IMS). Areas of emphasis for the Government team in FY2017 include inspection and acceptance of 29 full system vehicle prototypes, management and oversight of the system level testing program, and preparation for the Logistics Demonstration in early FY2018. Significantly, Government efforts in FY2017 will begin to transition from being engineering focused to being focused on testing and product support. ***FY 2018 Base Plans:*** Provide integrated program management for all development activities, to include providing oversight to BAE. Eight Integrated Product Teams will continue to oversee the technical development efforts of BAE in order to monitor and track progress related to the achievement of overall system performance requirements. This includes review and acceptance of all formal contract deliverables and test reports. The AMPV Earned Value Management (EVM) team will continue to evaluate cost and schedule performance against the established Performance Measurement Baseline (PMB) and Integrated Master Schedule (IMS). There will be two overarching areas of emphasis for the Government Project Management team in FY2018: continuing to manage and oversee the EMD effort and preparing to transition the program into the Low Rate Initial Production (LRIP) phase. For the EMD effort, the team will provide oversight to the test program, ensure the successful completion of the Logistics Demonstration, and complete the Interim Design Review (IDR) and the Functional Configuration Audit (FCA), In preparation for the transition to LRIP, the team will prepare the approximately forty (40) documents that will be necessary to support the 2QFY2019 Milestone C review and will also execute the option to the EMD contract that covers LRIP 1.					
Title: Government Test Costs ***Description:*** Government Test costs are for efforts required to perform and validate system-related tests. This element includes costs of the detailed planning, conduct, support, data reduction, and reports from such testing.	6.986	24.774	34.214	-	34.214

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	**Project (Number/Name)** EB5 / *Armored Multi-Purpose Vehicle*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Also included are costs necessary to acquire data during the conduct of the Government tests. The actual test articles (i.e., functionally configured systems) are excluded from this element. Also excluded are prime contractor costs incurred in support of the Government system level test. ***FY 2016 Accomplishments:*** Acquired Government Furnished Material (GFM) and constructed/integrated three base stations for use at Government test sites. Base stations consist of radios, displays, input devices and other related hardware necessary to monitor tests and to collect data. GFM was on-hand by 3-4QFY2016 and base stations were available at test sites by 4QFY2016 so that tests can commence 2QFY2017. ***FY 2017 Plans:*** System level detailed planning will conclude with the Developmental Test Readiness Review (DTRR) in 3QFY2017. Other system level test milestones include the Blue Team Vulnerability Assessment in 3QFY2017 and the Reliability, Availability, and Maintainability (RAM) In-Process Review (IPR) in 4QFY2017. System level Live Fire Test & Evaluation will begin with Ballistic Hull testing that will be conducted 1Q-2QFY2017. EMD Prototypes will be delivered to Army proving grounds and Government Developmental Testing will begin 3QFY2017. Government full system prototype vehicle testing will commence with mortar carrier ballistic firing tests. In addition to the prototype vehicles utilized for Technical Manual validation, another 12 prototype vehicles will begin system level testing in FY2017. Besides mortar carrier ballistic similitude tests, initial system level testing will focus on system reliability and automotive performance. The Government will begin requirements verification efforts with emerging prototype test data and failure review boards will be initiated, as needed. Test ammunition and test threat management, forecasting, and procurement will continue for future test efforts. ***FY 2018 Base Plans:*** System level performance, reliability, and operational testing will take place throughout FY2018. Twenty one (21) of the twenty nine (29) prototypes will be part of the formal government testing program. The remaining eight (8) prototypes will remain at the contractor's location and will support trouble shooting and the Logistics Demonstration. The Government testing will occur at three primary locations: the Aberdeen Test Center (ATC) will complete reliability, automotive and vehicle performance, software, and safety testing; the Yuma Test Center (YTC) will complete reliability, sand and dust, hot and cold weather climatic performance, full load cooling, toxic fume firing evaluation, and hot and cold gunnery testing; and the Electronic Proving Ground (EPG) will conduct C4ISR performance, intra-vehicular electromagnetic interference, and information assurance testing. The exact site for the Limited User Test (LUT) in 4QFY2018 has not yet been determined, but will likely take place in the Southwest United States. The majority of the costs in FY2018 are for the actual conduct of the tests at the					

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	**Project (Number/Name)** EB5 / *Armored Multi-Purpose Vehicle*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
aforementioned locations. This includes the costs related to facility/range usage and data collection. In addition, dedicated personnel from a variety of Army organizations outside of the Project Management Office (i.e., Army Test and Evaluation Command, Army Environmental Command, Army Research Laboratory, Army Materiel Systems Analysis Activity, Army Combined Arms Support Command, Army Threat Systems Management Office, and Army Operational Test Command) will be required and are included in this element. The Army test community will commence Test and Evaluation Master Plan (TEMP) updates and coordination in support of Milestone C.					
Accomplishments/Planned Programs Subtotals	213.034	184.221	199.778	-	199.778

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
• Armored Multi Purpose Vehicle(AMPV): *Armored Multi Purpose Vehicle(AMPV) G80819*	-	-	193.715	253.903	447.618	397.355	495.713	569.216	572.400	10,388.698	12,871.000

Remarks

D. Acquisition Strategy

The Armored Multi-Purpose Vehicle (AMPV) program entered the acquisition process at Milestone B. This was accomplished via an Acquisition Decision Memorandum (ADM) that was signed on 22 December 2014. The ADM also authorized the Army to proceed with award of the Engineering and Manufacturing Development (EMD) prime contract with three Low Rate Initial Production (LRIP) options. The contract was awarded on 23 December 2014 to BAE Systems Land & Armaments, L.P. (BAE). The award was on a competitive basis utilizing formal Source Selection Evaluation Board (SSEB).

E. Performance Metrics

N/A

Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	**Project (Number/Name)** EB5 / *Armored Multi-Purpose Vehicle*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Development Engineering	C/CPIF	BAE : Sterling Heights, MI	64.439	45.886	Dec 2015	48.283	Dec 2016	23.574	Dec 2017	-		23.574	13.751	195.933	0.000
Prototype Material Contractor	C/CPIF	BAE : Sterling Heights, MI	0.000	68.998	Dec 2015	18.444	Dec 2016	-		-		-	0.000	87.442	0.000
Prototype Material Government Furnished	Various	Various : .	0.000	21.192	Dec 2015	-		4.026	Dec 2017	-		4.026	0.000	25.218	0.000
Contractor System Engineering, Data, Test and Program Management	C/CPIF	BAE : Sterling Heights, MI	0.000	46.125	Dec 2015	67.306	Dec 2016	83.122	Dec 2017	-		83.122	161.937	358.490	0.000
Procurment of Live Fire Test Assets	Option/ FPIF	BAE : York, PA	0.000	-		-		30.278	Dec 2017	-		30.278	0.000	30.278	0.000
		Subtotal	64.439	182.201		134.033		141.000		-		141.000	175.688	697.361	0.000

Remarks

Armored Multi Purpose Vehicle Tech data and system level product development costs.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	MIPR	PMO : Warren, MI	51.703	23.847	Dec 2015	25.414	Dec 2016	24.564	Dec 2017	-		24.564	27.774	153.302	0.000
		Subtotal	51.703	23.847		25.414		24.564		-		24.564	27.774	153.302	0.000

Remarks

Armored Multi Purpose Vehicle Support Costs.

Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Army			Date: May 2017
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	Project (Number/Name) EB5 / *Armored Multi-Purpose Vehicle*	

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government System Testing	MIPR	Various : .	0.000	6.986	Dec 2015	24.774	Dec 2016	34.214	Dec 2017	-		34.214	108.784	174.758	0.000
		Subtotal	0.000	6.986		24.774		34.214		-		34.214	108.784	174.758	0.000

	Prior Years	FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	116.142	213.034		184.221		199.778		-		199.778	312.246	1,025.421	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	**Project (Number/Name)** EB5 / *Armored Multi-Purpose Vehicle*

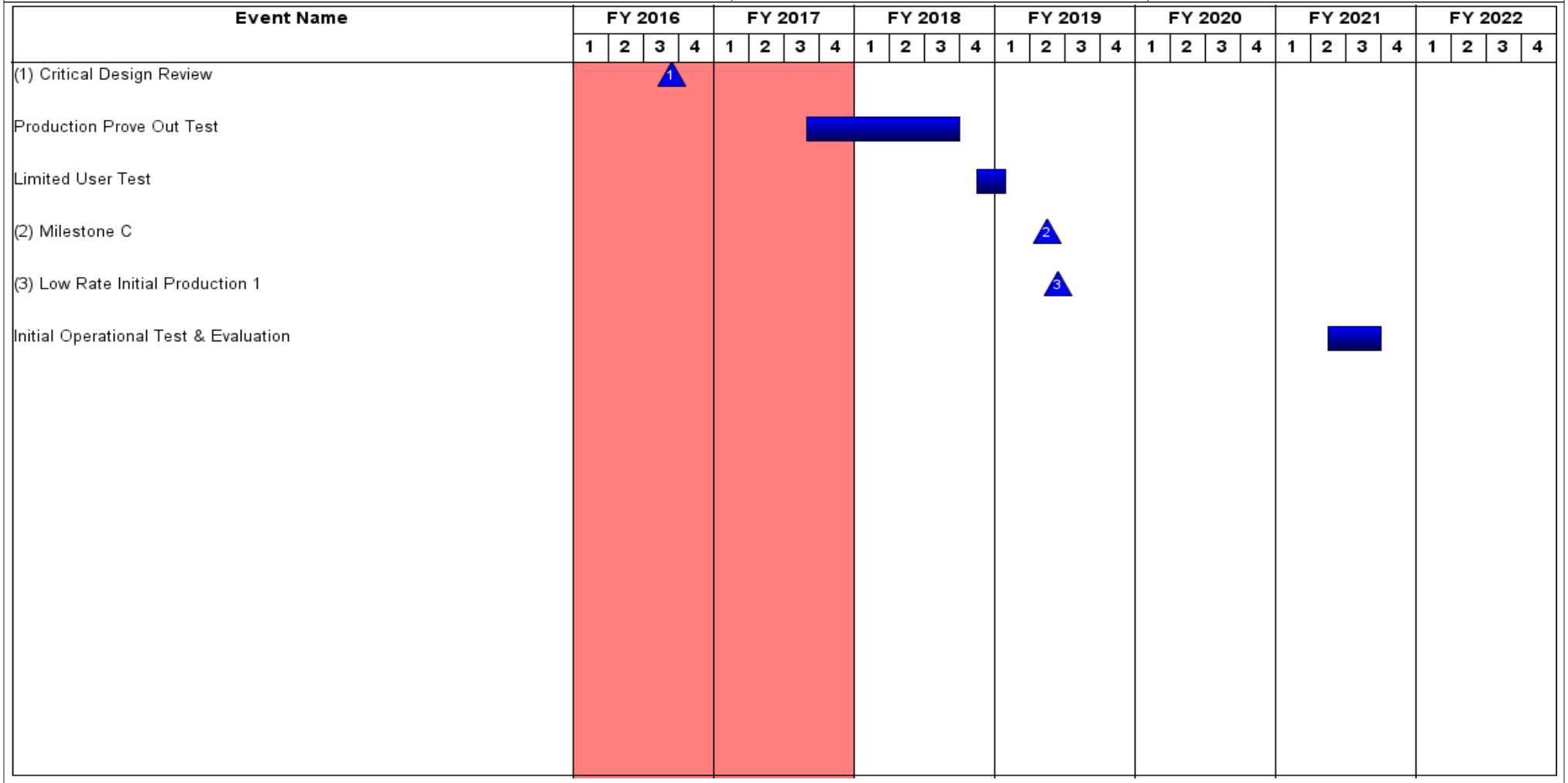

Exhibit R-4A, RDT&E Schedule Details: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 5	**R-1 Program Element (Number/Name)** PE 0605028A / *Armored Multi-Purpose Vehicle (AMPV)*	**Project (Number/Name)** EB5 / *Armored Multi-Purpose Vehicle*

Schedule Details

	Start		End	
Events	**Quarter**	**Year**	**Quarter**	**Year**
Critical Design Review	3	2016	3	2016
Production Prove Out Test	3	2017	3	2018
Limited User Test	4	2018	1	2019
Milestone C	2	2019	2	2019
Low Rate Initial Production 1	2	2019	2	2019
Initial Operational Test & Evaluation	2	2021	3	2021