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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 0605625A / Manned Ground 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
Total Program Element	-	37.692	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	37.692
FC8: BCT Ground Combat Vehicle	-	37.692	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	37.692

A. Mission Description and Budget Item Justification

Fiscal constraints and competing demands during budget uncertainty forced the Army to make hard choices between near term readiness and modernizing current systems to meet near term capability gaps and developing the Ground Combat Vehicle (GCV). The Army concluded it was not the right time to develop the GCV and ended the program upon completion of the Technology Development (TD) phase in June 2014. The Army has benefited from investment in the GCV program and will use the insights gained to inform technology maturation efforts in support of a strategy for the Army's Future Fighting Vehicle (FFV) modernization program.

Although the GCV program ended at the conclusion of the TD phase, the Army still maintains their requirement to fully modernize their fleet of ground combat vehicles. The FFV program will continue to leverage information and insights gained from the GCV TD phase to allow the Army to make better informed decisions in the future regarding their Combat Vehicle Portfolio. The main goals of the FFV program are to conduct technical, cost, and risk assessments against selected capability trades and future technologies for a FFV system.

Funding is not provided for the FFV Program in FY 2018.

B. Program Change Summary (\$ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	39.247	0.000	0.000	-	0.000
Current President's Budget	37.692	0.000	0.000	-	0.000
Total Adjustments	-1.555	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-1.555	-			

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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
FC8: BCT Ground Combat Vehicle	-	37.692	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	37.692
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Fiscal constraints and competing demands during budget uncertainty forced the Army to make hard choices between near term readiness and modernizing current systems to meet near term capability gaps and developing the Ground Combat Vehicle (GCV). The Army concluded it was not the right time to develop the GCV and ended the program upon completion of the Technology Development (TD) phase in June 2014. The Army has benefited from investment in the GCV program and will use the insights gained to inform technology maturation efforts in support of a strategy for the Army's Future Fighting Vehicle (FFV) modernization program.

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Funding is not provided for the FFV Program in FY 2018.

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

	FY 2016	FY 2017	FY 2018
Title: Government System Engineering & Program Management Description: Provides for basic Government oversight of the Ground Combat Vehicle (GCV) and Future Fighting Vehicle (FFV) programs. Includes funding for government personnel (labor, travel, training, supplies) and other support (other government agencies, support contractors, automated data processing, communications, and equipment). FY 2016 Accomplishments: The Project Management team continued to provide oversight to planned contract efforts. The contract efforts were focused on advanced concept development, technology risk reduction, and integration of S&T developed components. The Government Future Fighting Vehicle (FFV) team was also lead, integrate, and collaborate across technical and analytical efforts with the S&T and Requirements communities.	9.247	-	-
Title: Contractor Systems Engineering/Program Management Description: Provides for contractor basic development, engineering, and management for the GCV and FFV prime contracts, less prototype hardware and software development (which are captured in the following sections). Includes material consumed in support of component level engineering efforts.	28.445	-	-

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2016	FY 2017
<i>FY 2016 Accomplishments:</i> Contractors conducted concept development work and subsystem risk reduction, in collaboration with planned S&T efforts. Concept development effort was initially evolved from the design concepts developed under the GCV TD phase and resulted in development and delivery of concept data packages that include: 3 dimensional/Computer Aided Design (CAD) model representations, bill of materials, product structure / weight tape / power and energy balance, and cost estimate. In addition, a variety of technical and operational analyses and trades were completed.			
Accomplishments/Planned Programs Subtotals		37.692	-
C. Other Program Funding Summary (\$ in Millions) N/A Remarks D. Acquisition Strategy The Army continued to engage with the prime contractors from the Ground Combat Vehicle (GCV) Technology Development (TD) Phase, to conduct system level trade studies and integrated assessments using their designs relative to a new Future Fighting Vehicle (FFV). In addition, the contractors were performed design excursions based on the Bradley Fighting Vehicle. The data provided will be utilized by the Army to determine if the acquisition of a new FFV is the preferred choice over a modification to existing Fighting Vehicles.			
E. Performance Metrics N/A			