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Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Army **Date:** February 2020

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 6: RDT&E Management Support</i>					R-1 Program Element (Number/Name) PE 0605709A / <i>Exploitation of Foreign Items</i>							
COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	-	15.026	11.168	7.936	1.000	8.936	12.801	13.108	13.407	15.803	0.000	90.249
C28: <i>Acq/Exploit Threat Items (MIP)</i>	-	15.026	11.168	7.936	1.000	8.936	12.801	13.108	13.407	15.803	0.000	90.249

A. Mission Description and Budget Item Justification

This Program Element (PE) provides for the acquisition, exploitation, and inventory of foreign ground materiel with potential advanced technology threats to United States (U.S.) systems, as well as emerging and destructive threats such as cyber vulnerabilities, biometric systems, and evolving improvised explosive devices. The primary aim of the PE is to maximize the efficiency of research and development for force and materiel development by reducing the uncertainties associated with these threats. The PE also answers scientific and technical intelligence requirements, provides materiel for realistic testing and training, and aids in the development of countermeasures to threat systems, materiel, and technologies. Operations have increased the amount of captured threat materiel that require immediate exploitation to develop countermeasures and force protection measures for U.S. forces. Acquisition and exploitation are executed according to Army Foreign Materiel Program (FMP) Plan prioritization and with the approval of the Army Deputy Chief of Staff for Intelligence (G2).

B. Program Change Summary (\$ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Previous President's Budget	13.026	11.168	11.441	-	11.441
Current President's Budget	15.026	11.168	7.936	1.000	8.936
Total Adjustments	2.000	0.000	-3.505	1.000	-2.505
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	2.000	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	-3.505	1.000	-2.505

Change Summary Explanation

The FY19 reprogramming increase of \$2.000 million was to produce a physics based mobility model for both foreign & US AFVs which will accurately predict mobility performance on complex terrain conditions and enable integrated weapon system capability. This model will provide a foreign AFV mobility planning tool to reduce decision maker uncertainty about threat vehicle mobility corridors in support of specific OPLANS. This is in support of requirements submitted by Army Futures Command, US Army Material Command, US European Command, & US Army Training & Doctrine Command.

The FY21 decrease was due to a recapitalizing of resources for acquisition.

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Appropriation/Budget Activity 2040 / 6					R-1 Program Element (Number/Name) PE 0605709A / <i>Exploitation of Foreign Items</i>				Project (Number/Name) C28 / <i>Acq/Exploit Threat Items (MIP)</i>			
COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
C28: <i>Acq/Exploit Threat Items (MIP)</i>	-	15.026	11.168	7.936	1.000	8.936	12.801	13.108	13.407	15.803	0.000	90.249
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

This Project provides for the acquisition, exploitation, and inventory of foreign ground materiel with potential advanced technology threats to United States (U.S.) systems, as well as emerging and destructive threats. The primary aim of the Project is to maximize the efficiency of research and development for force and materiel development by reducing the uncertainties associated with these threats. The Project also answers scientific and technical intelligence requirements, provides materiel for realistic testing and training, and aids in the development of countermeasures to threat systems, materiel, and technologies. Operations have increased the amount of captured threat materiel that require immediate exploitation to develop countermeasures and force protection measures for U.S. forces. Acquisition and exploitation are executed according to Army Foreign Materiel Program (FMP) Plan prioritization and with the approval of the G2.

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

	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Title: Army Foreign Materiel Program (FMP) Acquisition	4.298	3.685	2.628	-	2.628
Description: This effort provides for the acquisition of foreign ground materiel with potential advanced technology threats to U.S. systems, as well as emerging and destructive threats. The primary aim of the effort is to maximize the efficiency of research and development for force and materiel development by reducing the uncertainties associated with these threats. The effort also answers scientific and technical intelligence requirements, provides materiel for realistic testing and training, and aids in the development of countermeasures to threat systems, materiel, and technologies. Operations have increased the amount of captured threat materiel that require immediate exploitation to develop countermeasures and force protection measures for US forces. Acquisition and exploitation are executed according to Army FMP Plan prioritization and with the approval of the G2.					
FY 2020 Plans: Will conduct Foreign Materiel Acquisition of threat related foreign ground materiel systems and state of the art technologies of military significance.					
FY 2021 Base Plans: Will conduct Foreign Materiel Acquisition of threat related foreign ground materiel systems and state of the art technologies of military significance.					
FY 2020 to FY 2021 Increase/Decrease Statement:					

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Appropriation/Budget Activity 2040 / 6	R-1 Program Element (Number/Name) PE 0605709A / <i>Exploitation of Foreign Items</i>	Project (Number/Name) C28 / <i>Acq/Exploit Threat Items (MIP)</i>
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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
The decrease was due to a recapitalizing of resources for acquisition.					
<p>Title: Army Foreign Materiel Program (FMP) Exploitation</p> <p>Description: This effort provides for the exploitation and inventory of foreign ground materiel with potential advanced technology threats to U.S. systems, as well as emerging and destructive threats such as cyber vulnerabilities, biometric systems, and evolving improvised explosive devices. The primary aim of the effort is to maximize the efficiency of research and development for force and materiel development by reducing the uncertainties associated with these threats. The effort also answers scientific and technical intelligence requirements, provides materiel for realistic testing and training, and aids in the development of countermeasures to threat systems, materiel, and technologies. Operations have increased the amount of captured threat materiel that require immediate exploitation to develop countermeasures and force protection measures for US forces. Acquisition and exploitation are executed according to Army FMP Plan prioritization and with the approval of the G2.</p> <p>FY 2020 Plans: Will conduct Foreign Materiel Exploitation of threat related foreign ground materiel systems and state of the art technologies of military significance.</p> <p>FY 2021 Base Plans: Will conduct Foreign Materiel Exploitation of threat related foreign ground materiel systems and state of the art technologies of military significance.</p> <p>FY 2021 OCO Plans: Will conduct Foreign Materiel Exploitation of battlefield acquired FM.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: The decrease was due to a recapitalizing of resources for acquisition.</p>	10.728	7.483	5.308	1.000	6.308
Accomplishments/Planned Programs Subtotals	15.026	11.168	7.936	1.000	8.936

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

Remarks

D. Acquisition Strategy
N/A