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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 0606001A / <i>Military Ground-Based CREW Technology</i>
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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	-	4.241	2.141	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	6.382
FD4: <i>Military Ground-Based CREW Technology</i>	-	4.241	2.141	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	6.382

Note

In Fiscal Year 2021 (FY21) this Program Element is Eliminated.

A. Mission Description and Budget Item Justification

The Secretary of the Army was designated the Executive Agent for Military Ground-Based Counter Radio-Controlled Improvised Explosive Device (RCIED) Electronic Warfare (CREW) Technology on 1 December 2013, pursuant to Department of Defense (DoD) Directive 5101.14 "Military Ground-Based Military CREW Technology". The Program Executive Office for Intelligence, Electronic Warfare & Sensors (PEO IEW&S) is assigned the responsibility to fulfill the duties of the DoD Military Ground-Based CREW Technology Single Manager. The DoD Single Manager (SM) is responsible for ensuring joint operational interoperability and compatibility between relevant DoD and coalition systems; interfaces with all DoD Services and other government agencies involved in CREW Technologies; and collaborates with multiple foreign countries on the RCIED threat and CREW technologies to ensure synergy between the technologies. The DoD SM chairs the Joint Program Board and represents the Army at the Force Protection Electronic Countermeasures (ECM) Working Group and Five Eyes (FVEYS) consortium.

B. Program Change Summary (\$ in Millions)

	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021 Base</u>	<u>FY 2021 OCO</u>	<u>FY 2021 Total</u>
Previous President's Budget	4.890	4.291	4.289	-	4.289
Current President's Budget	4.241	2.141	0.000	-	0.000
Total Adjustments	-0.649	-2.150	-4.289	-	-4.289
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-2.150			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.649	-			
• Adjustments to Budget Years	-	-	-4.289	-	-4.289

Change Summary Explanation

FY20 is the last year of funding for this PE.

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Appropriation/Budget Activity 2040 / 6					R-1 Program Element (Number/Name) PE 0606001A / <i>Military Ground-Based CREW Technology</i>				Project (Number/Name) FD4 / <i>Military Ground-Based CREW Technology</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
FD4: <i>Military Ground-Based CREW Technology</i>	-	4.241	2.141	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	6.382
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In Fiscal Year 2021 (FY21) this Project is Eliminated.

A. Mission Description and Budget Item Justification

The Secretary of the Army was designated the Executive Agent for Military Ground-Based Counter Radio-Controlled Improvised Explosive Device (RCIED) Electronic Warfare (CREW) Technology on 1 December 2013, pursuant to Department of Defense (DoD) Directive 5101.14 "Military Ground-Based Military CREW Technology". The Program Executive Office for Intelligence, Electronic Warfare & Sensors (PEO IEW&S) is assigned Executive Agent responsibilities to fulfill the duties of coordination and support of DoD Military Ground-Based CREW Technology testing and interoperability across all Services and Other Government Agencies (OGA). The PEO is responsible for ensuring joint operational interoperability and compatibility between relevant DoD and Coalition systems; interfaces with all DoD Services and Other Government Agencies (OGA) involved in CREW Technologies; and collaborates with multiple foreign countries on the RCIED threat and CREW technologies to ensure synergy between the technologies. The PEO chairs the Joint Program Board and represents the Army at the Force Protection Electronic Countermeasures (ECM) Working Group and Five Eyes (FVEYS) consortium.

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

	FY 2019	FY 2020	FY 2021
Title: Test Technologies	4.241	2.044	-
Description: Ensuring joint operational interoperability and compatibility between relevant DoD and Coalition systems; interfaces with all DoD Services and Other Government Agencies (OGA) involved in CREW Technologies; and collaborates with multiple foreign countries on the RCIED threat and CREW technologies to ensure synergy between the technologies.			
FY 2020 Plans: Funding will be used to provide continued support to cellular test infrastructure, including the sustainment and maintenance of the Advanced Communication Equipment. This includes, but not limited to hardware and personnel to sustain network, radio, backhaul, and instrumentation needed to sustain the network, as well as network connections to core systems.			
FY 2020 to FY 2021 Increase/Decrease Statement: FY20 is the last year of funding for this Project.			
Title: FY20 SBIR/STTR Transfer	-	0.097	-
Description: Funding transferred in accordance with Title 15 USC ?638			

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Appropriation/Budget Activity 2040 / 6	R-1 Program Element (Number/Name) PE 0606001A / <i>Military Ground-Based CREW Technology</i>	Project (Number/Name) FD4 / <i>Military Ground-Based CREW Technology</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021
<i>FY 2020 Plans:</i> Funding transferred in accordance with Title 15 USC ?638			
<i>FY 2020 to FY 2021 Increase/Decrease Statement:</i> Funding transferred in accordance with Title 15 USC ?638			
Accomplishments/Planned Programs Subtotals	4.241	2.141	-

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

N/A

Remarks

D. Acquisition Strategy

N/A