

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Army										Date: March 2019		
Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army I BA 6: RDT&E Management Support					R-1 Program Element (Number/Name) PE 0606001A I Military Ground-Based CREW Technology							
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	-	7.600	4.890	4.291	-	4.291	4.289	4.341	4.439	4.602	0.000	34.452
FD4: Military Ground-Based CREW Technology	-	7.600	4.890	4.291	-	4.291	4.289	4.341	4.439	4.602	0.000	34.452

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 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.

Fiscal Year (FY) 2020 Base dollars in the amount of \$4.291 million will support the execution of DoD SM responsibilities. Funding will be used to continue efforts supporting and sustaining lab and field test infrastructures

B. Program Change Summary (\$ in Millions)	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Previous President's Budget	7.916	4.896	4.891	-	4.891
Current President's Budget	7.600	4.890	4.291	-	4.291
Total Adjustments	-0.316	-0.006	-0.600	-	-0.600
• Congressional General Reductions	-0.006	-0.006			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.310	-			
• Adjustments to Budget Years	-	-	-0.600	-	-0.600

Change Summary Explanation

In FY20, reduction of \$0.600 million represents program rephasing of base funding for FY20 and out-years.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2020 Army										Date: March 2019		
Appropriation/Budget Activity 2040 / 6					R-1 Program Element (Number/Name) PE 0606001A / Military Ground-Based CREW Technology				Project (Number/Name) FD4 / Military Ground-Based CREW Technology			
COST (\$ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
FD4: Military Ground-Based CREW Technology	-	7.600	4.890	4.291	-	4.291	4.289	4.341	4.439	4.602	0.000	34.452
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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 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.

Fiscal Year (FY) 2020 Base dollars in the amount of \$4.291 million will provide for efforts supporting and sustaining lab and field test infrastructures.

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

	FY 2018	FY 2019	FY 2020
Title: Test Technologies	7.600	4.241	4.291
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 2019 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 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 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 2019 to FY 2020 Increase/Decrease Statement:			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2020 Army		Date: March 2019		
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 2018	FY 2019	FY 2020
Increase of \$50K due to testing costs.				
Title: FY 2019 SIBR / STTR Transfer FY 2019 Plans: FY 2019 SIBR / STTR Transfer FY 2019 to FY 2020 Increase/Decrease Statement: FY 2019 SIBR / STTR Transfer		-	0.649	-
Accomplishments/Planned Programs Subtotals		7.600	4.890	4.291
C. Other Program Funding Summary (\$ in Millions) N/A Remarks D. Acquisition Strategy N/A E. Performance Metrics N/A				