Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Army											Date: May 2017	
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army* / BA 6: *RDT&E Management Support*					R-1 Program Element (Number/Name) PE 0606001A / *Military Ground-Based CREW Technology*							
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	-	0.000	0.000	7.916	-	7.916	4.949	4.948	4.947	5.000	-	-
FD4: *Military Ground-Based CREW Technology*	-	0.000	0.000	7.916	-	7.916	4.949	4.948	4.947	5.000	-	-

Note

This Program Element (PE), along with Project FD4, is a new start in Fiscal Year FY 2018.

A. Mission Description and Budget Item Justification

The Secretary of the Army was designated the Department of Defense (DoD) Executive Agent for Military Ground-Based Counter Radio-Controlled Improvised Explosive Device (RCIED) Electronic Warfare (CREW) Technology 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, CREW technologies to ensure synergy between the technologies. The DoD Single Manager chairs the Joint Program Board and represents the DoD at the Force Protection Electronic Countermeasures (ECM) Working Group, Five Eyes (FVEYS) and Chairs the North Atlantic Treaty Organization (NATO) Team of Experts (ToE) on ECM for CREW.

FY2018 Base dollars in the amount of $8 million will support the execution of DOD SM responsibilities. Funding will used to support cellular test infrastructure to support the evaluation of Joint CREW technologies against the evolving RCIED threat.

B. Program Change Summary ($ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	7.916	-	7.916
Total Adjustments	0.000	0.000	7.916	-	7.916
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments 1	0.000	0.000	7.916	-	7.916

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 6: *RDT&E Management Support*	**R-1 Program Element (Number/Name)** PE 0606001A *I Military Ground-Based CREW Technology*

Change Summary Explanation

Adjustment 1: This is a new start effort. $7.916 Million in Fiscal Year (FY) 18 dollars will fund Military Ground-Based Counter Radio-Controlled Improvised Explosive Device (RCIED) Electronic Warfare (CREW) Technology.

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army			Date: May 2017
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 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
FD4: *Military Ground-Based CREW Technology*	-	0.000	0.000	7.916	-	7.916	4.949	4.948	4.947	5.000	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

This is a new start in Fiscal Year (FY) 2018.

A. Mission Description and Budget Item Justification

The Secretary of the Army was designated the Department of Defense (DoD) Executive Agent for Military Ground-Based Counter Radio-Controlled Improvised Explosive Device (RCIED) Electronic Warfare (CREW) Technology 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, CREW technologies to ensure synergy between the technologies. The DoD Single Manager chairs the Joint Program Board and represents the DoD at the Force Protection Electronic Countermeasures (ECM) Working Group, Five Eyes (FVEYS) and Chairs the North Atlantic Treaty Organization (NATO) Team of Experts (ToE) on ECM for CREW.

FY2018 Base dollars in the amount of $7.916 million will support the execution of DOD SM responsibilities. Funding will used to support cellular test infrastructure to support the evaluation of Joint CREW technologies against the evolving RCIED threat.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2016	FY 2017	FY 2018
Title: Test Technologies	-	-	7.916
FY 2018 Plans: Funding will be used to provide cellular test infrastructure at two locations (Yuma Proving Ground and Aberdeen Proving Ground).			
Accomplishments/Planned Programs Subtotals	-	-	7.916

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army		Date: May 2017
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*

E. Performance Metrics

N/A