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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Army **Date:** May 2021

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 6: RDT&E Management Support</i>					R-1 Program Element (Number/Name) PE 0606003A / <i>CounterIntel and Human Intel Modernization</i>							
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	2.925	5.200	5.363	-	5.363	-	-	-	-	-	-
F19: <i>Counterl Intel and Human Intel Modernization</i>	-	2.925	5.200	5.363	-	5.363	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

The Fiscal Year (FY) 2022 Direct War/Enduring Operations dollars in the amount of \$3.759 million in Project F19 will continue to support the Counterintelligence (CI) and Human Intelligence (HUMINT) Modernization Program Element (PE) supports ongoing rejuvenation and development of new critical CI and HUMINT systems, applications, tools, equipment, and capabilities necessary to defeat foreign intelligence, international terrorist, and insider threats while enhancing our HUMINT collection capability. The required tools provide Army and DoD leadership, commanders, and warfighters the intelligence necessary for making advantageous operational planning, policies, and timely decisions. Modernization of these systems is a core component of ensuring overmatch on current and future battlefields. Beginning in FY 2019, funding for these efforts was transferred to PE 0606003 / Project F19 (Counter Intel and Human Intel Modernization) from PE 0303028A (INTEL SPT TO FORCE XXI) / Project FG2 (Counterintelligence & Human Intel Modernization).

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022 Base</u>	<u>FY 2022 OCO</u>	<u>FY 2022 Total</u>
Previous President's Budget	2.925	5.200	5.778	-	5.778
Current President's Budget	2.925	5.200	5.363	-	5.363
Total Adjustments	0.000	0.000	-0.415	-	-0.415
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	-0.415	-	-0.415

Change Summary Explanation

Inflation Rates for Non-Pay and Non-Fuel Purchases

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Appropriation/Budget Activity 2040 / 6					R-1 Program Element (Number/Name) PE 0606003A / <i>CounterIntel and Human Intel el Modernization</i>				Project (Number/Name) F19 / <i>CounterIntel and Human Intel Modernization</i>			
COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
F19: <i>CounterIntel and Human Intel Modernization</i>	-	2.925	5.200	5.363	-	5.363	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Counterintelligence (CI) and Human Intelligence (HUMINT) Modernization Project supports ongoing rejuvenation and development of new critical CI and HUMINT systems, applications, tools, equipment, and capabilities necessary to defeat foreign intelligence, international terrorist, and insider threats while enhancing our HUMINT collection capability. The required tools provide Army and Department of Defense (DoD) leadership, commanders, and warfighters the intelligence necessary for making advantageous operational planning, policies, and timely decisions. Modernization of these systems is a core component of ensuring overmatch on current and future battlefields. Beginning in Fiscal Year (FY) 2019, funding for these efforts was transferred to PE 0606003 / Project F19 (Counter Intel and Human Intel Modernization) from PE 0303028A (INTEL SPT TO FORCE XXI) / Project FG2 (Counterintelligence & Human Intel Modernization).

CI Support to Force Protection (CIFP) provides for updating the Army's Threat Management Information Sharing System, the Army Counterintelligence Operations Portal (ACOP), and partnering with other Service CI entities on a joint CI analysis system development project. Will support development and testing of software code integrating existing and new algorithms to multiple data source to record, identify, sort, and prioritize behaviors.

Geospatial intelligence (GEOINT) Collection Integration provides rapid integration of emerging GEOINT capabilities and analysis techniques significantly ahead of the traditional integration timelines. The 513th MI BDE has been given access to pre-release algorithms and capabilities, and can begin, test, development, and validation activities years prior to traditional processes. This capability allows GEOINT focused contractor manpower equivalent (CME) support to identify difficult counter-terrorism (CT) issues and deliver appropriate capabilities needed today in every theater. Each MIB-T that provides GEOINT support will leverage the capability, and its applicability is world-wide. The effort funds software and testing to extract, analyze, and validate brand new and emerging classified data sources.

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

	FY 2020	FY 2021	FY 2022
Title: Army's Threat Management Information Sharing System	2.925	3.313	4.467
Description: The Counterintelligence (CI) and Human Intelligence (HUMINT) Modernization Project supports ongoing rejuvenation and development of new critical CI and HUMINT systems, applications, tools, equipment, and capabilities necessary to defeat foreign intelligence, international terrorist, and insider threats while enhancing our HUMINT collection capability. The required tools provide Army and Department of Defense (DoD) leadership, commanders, and warfighters the intelligence necessary for making adventurous operational planning, policies, and timely decisions. Modernization of these systems is a core component of ensuring overmatch on current and future battlefields. Beginning in Fiscal Year (FY) 2019, funding for these efforts was transferred to PE 0606003/Project F19 (Counter Human Intel Modernization from PE 0303028A (INTEL SPT TO FORCE XXI)/Project FG2 (Counterintelligence & Human Intel Modernization).			

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2020	FY 2021	FY 2022
<p><i>FY 2021 Plans:</i> Will provide for updating of the Army's Threat Management Information Sharing System. Will support development and testing of software code integrating existing and new algorithms to analyze multiple data source to record, identify, sort, and prioritize behaviors indicative of espionage, national security compromises, and other foreign and insider threats.</p> <p><i>FY 2022 Plans:</i> Will provide for updating of the Army's Threat Management Information Sharing System. Will support development and testing of software code integrating existing and new algorithms to analyze multiple data source to record, identify, sort, and prioritize behaviors indicative of espionage, national security compromises, and other foreign and insider threats.</p> <p><i>FY 2021 to FY 2022 Increase/Decrease Statement:</i> Increase in training in support of threat awareness.</p>			
<p><i>Title:</i> C4ISR</p> <p><i>Description:</i> The Joint Service Counter C4ISR Initiative conducts technical analysis and research focused on centers of gravity within the C4ISR architecture of adversary weapon systems that enable successful kinetic and non-kinetic engagements. The Army will use the intelligence provided from this effort to inform the development of offensive cyber and advanced electronic warfare capabilities against adversaries.</p> <p><i>FY 2021 Plans:</i> Continue the development of offensive cyber</p> <p><i>FY 2021 to FY 2022 Increase/Decrease Statement:</i> Requirement no longer required in FY22.</p>	-	1.000	-
<p><i>Title:</i> GEOINT</p> <p><i>Description:</i> GEOINT Collection Integration provides rapid integration of emerging GEOINT capabilities and analysis techniques significantly ahead of the traditional integration timelines. The 513th Military Intelligence Brigade (MI BDE) has been given access to pre-release algorithms and capabilities, and can begin test, development, and validation activities years prior to traditional processes. This capability allows GEOINT focused CME support to identify difficult CT issues and deliver appropriate capabilities needed today in every theater. Each Military Intelligence Brigade - Theater (MIB-T) that provides GEOINT support will leverage the capability, and its applicability is world-wide. The project funds software and testing to extract, analyze, and validate brand new and emerging classified data sources.</p> <p><i>FY 2021 Plans:</i></p>	-	0.887	0.896

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2020	FY 2021	FY 2022
<p>GEOINT Collection Integration provides rapid integration of emerging GEOINT capabilities and analysis techniques significantly ahead of the traditional integration timelines. the 513th MI BDE has been given access to pre-release algorithms and capabilities, and can begin test, development, and validation activities years prior to traditional processes. This capability allows GEOINT focused CME support to identify difficult CT issues and deliver appropriate capabilities needed today in every theater. Each MIB-T that provides GEOINT support will leverage the capability, and its applicability is world-wide. The project funds software and testing to extract, analyze, and validate brand new and emerging classified data sources.</p> <p>FY 2022 Plans: GEOINT Collection Integration provides rapid integration of emerging GEOINT capabilities and analysis techniques significantly ahead of the traditional integration timelines. the 513th MI BDE has been given access to pre-release algorithms and capabilities, and can begin test, development, and validation activities years prior to traditional processes. This capability allows GEOINT focused CME support to identify difficult CT issues and deliver appropriate capabilities needed today in every theater. Each MIB-T that provides GEOINT support will leverage the capability, and its applicability is world-wide. The project funds software and testing to extract, analyze, and validate brand new and emerging classified data sources.</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: Very slight increase due to inflation</p>				
Accomplishments/Planned Programs Subtotals		2.925	5.200	5.363
C. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				
D. Acquisition Strategy				
N/A				