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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2024 Army **Date:** March 2023

<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 6: RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0606003A / <i>CounterIntel and Human Intel Modernization</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	10.641	1.424	6.348	-	6.348	3.450	3.465	3.533	3.572	Continuing	Continuing
<i>FI9: Counterl Intel and Human Intel Modernization</i>	-	10.641	1.424	6.348	-	6.348	3.450	3.465	3.533	3.572	Continuing	Continuing

**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, management processes, and responsiveness. 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 protecting Army technologies and ensuring overmatch on current and future battlefields.

CI Support to Force Protection (CIFP) provides for updating the CI Threat Module, the Army CI 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 sources to record, identify, sort, and prioritize information.

The Castle Keep Portal is the Army's enterprise capability to automate workflow services, SCI program reporting, metrics, analysis, and information sharing to protect classified information within and across the defense elements of the Intelligence Community.

GEOINT Collection Integration provides rapid integration of emerging GEOINT capabilities and analysis techniques on an operational timeline (days/weeks) to provide the maximum advantage to the ground force commander. The Army GEOINT Office manages the world-wide effort to rapidly identify requirements, develop solutions, and deliver algorithm capabilities to answer difficult intelligence problems. The AGO transitioned the effort to focus on near-peer threats and denied-area intelligence operations, which requires a greater outlay than the previous efforts. The project funds software development and testing, and required infrastructure to extract, analyze, and validate new and emerging classified data sources.

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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>
Previous President's Budget	5.363	1.424	1.393	-	1.393
Current President's Budget	10.641	1.424	6.348	-	6.348
Total Adjustments	5.278	0.000	4.955	-	4.955
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	5.278	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	4.955	-	4.955

**Change Summary Explanation**

FY24 funding is increased to resource activities to develop software to leverage new GEOINT sensors in the space layer and deliver capabilities to the Army Intelligence Enterprise. These are non-traditional GEOINT sensors that deliver raw data to the Army.

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<b>Appropriation/Budget Activity</b> 2040 / 6					<b>R-1 Program Element (Number/Name)</b> PE 0606003A / <i>CounterIntel and Human Intel el Modernization</i>				<b>Project (Number/Name)</b> F19 / <i>CounterIntel and Human Intel Modernization</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
F19: <i>CounterIntel and Human Intel Modernization</i>	-	10.641	1.424	6.348	-	6.348	3.450	3.465	3.533	3.572	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

The Counterintelligence (CI) and Human Intelligence (HUMINT) Modernization Project supports ongoing development and testing 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, management processes, and responsiveness. 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 protecting Army technologies and ensuring overmatch on current and future battlefields.

CI Support to Force Protection (CIFP) provides for updating the CI Threat Module, the Army CI 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 sources to record, identify, sort, and prioritize information.

The Castle Keep Portal is the Army's enterprise capability to automate workflow services, SCI program reporting, metrics, analysis, and information sharing to protect classified information within and across the defense elements of the Intelligence Community.

Geospatial intelligence (GEOINT) Collection Integration provides rapid integration of emerging GEOINT capabilities and analysis techniques on an operational timeline (days/weeks) to provide the maximum advantage to the ground force commander. The Army GEOINT Office manages the world-wide effort to rapidly identify requirements, develop solutions, and deliver algorithm capabilities to answer difficult intelligence problems. The AGO transitioned the effort to focus on near-peer threats and denied-area intelligence operations, which requires a greater outlay than the previous efforts. The project funds software development and testing, and required infrastructure to extract, analyze, and validate new and emerging classified data sources.

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

	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<b>Title:</b> Army's Threat Management Information Sharing System	9.908	-	2.928
<b>Description:</b> The Counterintelligence (CI) and Human Intelligence (HUMINT) Modernization Project supports ongoing development and testing 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, management processes, and responsiveness. The required tools provide Army and DoD leadership, commanders, and warfighters the intelligence necessary for making advantageous operational planning, policies, and timely decisions.			

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<p>Modernization of these systems is a core component of protecting Army technologies and ensuring overmatch on current and future battlefields.</p> <p>CI Support to Force Protection (CIFP) provides for updating the CI Threat Module, the Army CI 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 sources to record, identify, sort, and prioritize information.</p> <p>The Castle Keep Portal is the Army's enterprise capability to automate workflow services, SCI program reporting, metrics, analysis, and information sharing to protect classified information within and across the defense elements of the Intelligence Community.</p> <p><b>FY 2024 Plans:</b> 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><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> Increase in funding supports development and testing of software code integrating existing and new algorithms.</p>				
<p><b>Title:</b> GEOINT</p> <p><b>Description:</b> GEOINT Collection Integration provides rapid integration of emerging GEOINT capabilities and analysis techniques on an operational timeline (days/weeks) to provide the maximum advantage to the ground force commander. The Army GEOINT Office manages the world-wide effort to rapidly identify requirements, develop solutions, and deliver algorithm capabilities to answer difficult intelligence problems. The AGO transitioned the effort to focus on near-peer threats and denied-area intelligence operations, which requires a greater outlay than the previous efforts. The project funds software development and testing, and required infrastructure to extract, analyze, and validate new and emerging classified data sources.</p> <p><b>FY 2023 Plans:</b> 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-</p>		0.733	1.424	3.420

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<p>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><b>FY 2024 Plans:</b> Efforts will develop software to leverage new GEOINT sensors in the space layer and deliver capabilities to the Army Intelligence Enterprise. These are non-traditional GEOINT sensors that deliver raw data to the Army.</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> Increased funding supports anticipated commercial and government deliveries and offer additional opportunities to answer ground forces intelligence requirements.</p>				
<b>Accomplishments/Planned Programs Subtotals</b>		10.641	1.424	6.348
<b>C. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
<b>D. Acquisition Strategy</b>				
N/A				