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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 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0607150A / <i>Intel Cyber Development</i>
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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	-	-	14.652	3.611	-	3.611	-	-	-	-	-	-
BS5: <i>Intel Cyber Development</i>	-	-	14.652	3.611	-	3.611	-	-	-	-	-	-

A. Mission Description and Budget Item Justification

INSCOM's RDTE program provides the Army with low-density, high-demand, extremely advanced multi-domain intelligence collection and cyberspace technologies (SIGINT, EW, Cyberspace) designed to collect, process, exploit and, when directed, degrade, deny, disrupt, destroy, or manipulate adversary C4I and shape the operational warfighting environment in order to create conditions favorable to the application of other elements of national power.

INSCOM conducts RDTE of multi-domain intelligence collection and cyberspace technologies (SIGINT, EW, Cyberspace) in direct support of the full range of missions called for in the National Defense Strategy, Comprehensive National Cyber-Security Initiative, National Security Strategy, National Defense Guidance, NSPD-38, NSPD-54 and HSPD-23.

FY 2022 request includes \$23.839 million for these activities in support of Combatant Command Operations.

HQDA G-2 and the Intelligence and Security Command (INSCOM) Security Operations Center (ISOC) are charged with integrating, informing, and leveraging security and counterintelligence authorities in support of the Department of the Army Insider Threat Program mission to continuously deter, detect, and mitigate insider threats to Army information, networks, facilities, and personnel.

B. Program Change Summary (\$ in Millions)

	<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	0.000	14.652	14.592	-	14.592
Current President's Budget	0.000	14.652	3.611	-	3.611
Total Adjustments	0.000	0.000	-10.981	-	-10.981
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	-10.981	-	-10.981

Change Summary Explanation

Initiative reduces PSI as the Continuous Evaluation (CE) tool is utilized.

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Army										Date: May 2021		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0607150A / Intel Cyber Development				Project (Number/Name) BS5 / Intel Cyber Development			
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
BS5: Intel Cyber Development	-	-	14.652	3.611	-	3.611	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

In FY 2021, this Project is realigned from Program Element (PE) 0303028A Security and Intelligence Activities.

A. Mission Description and Budget Item Justification

INSCOM's RDTE program provides the Army with low-density, high-demand, extremely advanced multi-domain intelligence collection and cyberspace technologies (SIGINT, EW, Cyberspace) designed to collect, process, exploit and, when directed, degrade, deny, disrupt, destroy, or manipulate adversary C4I and shape the operational warfighting environment in order to create conditions favorable to the application of other elements of national power.

INSCOM conducts RDTE of multi-domain intelligence collection and cyberspace technologies (SIGINT, EW, Cyberspace) in direct support of the full range of missions called for in the National Defense Strategy, Comprehensive National Cyber-Security Initiative, National Security Strategy, National Defense Guidance, NSPD-38, NSPD-54 and HSPD-23.

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

	FY 2020	FY 2021	FY 2022
Title: Offensive Cyberspace Operations Capability Development	-	14.652	3.611
Description: INSCOM's RDTE program provides the Army with low-density, high-demand, extremely advanced multi-domain intelligence collection and cyberspace technologies (SIGINT, EW, Cyberspace) designed to collect, process, exploit, and when directed, degrade, deny, disrupt, or destroy adversary C4I and shape the operational warfighting environment in order to create conditions favorable to the application of other elements of national power.			
FY 2021 Plans: Develop and support leading-edge Cyberspace technologies designed to exploit, degrade, deny, disrupt, or destroy threat command, control, communications, computers and intelligence (C4I) cyber systems to enable commanders in shaping the operational warfighting environment in order to create conditions favorable to the application of other elements of national power. Support the development of offensive Cyberspace technologies in direct support of the full range of missions called for in the National Defense Strategy, Comprehensive National Cyber-Security Initiative, National Security Strategy, National Defense Guidance, Defense Cyber Strategy, Presidential Policy Directive (PPD) 20, National Security Presidential Directive (NSPD) 54, Homeland Defense Presidential Directive (HSPD) 23, and The Army Operating Concept.			
FY 2022 Plans: Develop and support leading-edge multi-domain intelligence and cyberspace operations technologies designed to collect, process, exploit, and, when directed, degrade, deny, disrupt, or destroy threat command, control, communications, computers			

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B. Accomplishments/Planned Programs (\$ in Millions)	FY 2020	FY 2021	FY 2022
<p>and intelligence (C4I) cyber systems to enable commanders in shaping the operational warfighting environment in order to create conditions favorable to the application of other elements of national power. Support the development of multi-domain intelligence and cyberspace operations technologies in direct support of the full range of missions called for in the National Defense Strategy, Comprehensive National Cyber-Security Initiative, National Security Strategy, National Defense Guidance, Defense Cyber Strategy, Presidential Policy Directive (PPD) 20, National Security Presidential Directive (NSPD) 54, Homeland Defense Presidential Directive (HSPD) 23, and The Army Operating Concept.</p> <p>INSCOM will address the operational force reports of increasing threat sophistication that requires matching pace in development of offensive capabilities to maintain critical advantage across the operational domains, particularly within the electromagnetic spectrum focused on signals intelligence (SIGINT), electronic warfare (EW, composed of the sub-domains of Electronic Support and Electronic Attack), and cyberspace operations. Expand combatant command focal points in accordance with Secretary of the Army service component commander's emerging needs. The requirement to address NEER-PEER threat actors and Army multi-domain operations that are expanding across the warfighting domains drive the need to reduce development gaps in these capabilities.</p> <p><i>FY 2021 to FY 2022 Increase/Decrease Statement:</i> The decrease from 2021 to 2022 is due to DA Reprogramming Decision; INSCOM and DA G2 rolled up together in the FY21 total; in FY22, there is no projected BS5 funding in the current POM data for DA G2, so FY22 only reflects what INSCOM is programmed for. Note, in FY21, INSCOM gets \$12.260M, then \$6.611M in FY22, the decrease is a DA Reprogramming Decision.</p>			
Accomplishments/Planned Programs Subtotals	-	14.652	3.611

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

N/A

Remarks

D. Acquisition Strategy

N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Army **Date: May 2021**

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607150A / Intel Cyber Development	Project (Number/Name) BS5 / Intel Cyber Development
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Event Name	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
IP-BASED OPERATIONS PLATFORMS																												
AERIAL/GROUND-BASED PLATFORMS																												
REMOTE ACCESS CAPABILITIES																												
CLOSE ACCESS CAPABILITIES																												
PLATFORM CZ AND VISUALIZATION CAPABILITIES																												
TESTING & EVALUATION SUPPORT FOR RDTE CAPABILITIES																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2022 Army **Date:** May 2021

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607150A / <i>Intel Cyber Development</i>	Project (Number/Name) BS5 / <i>Intel Cyber Development</i>
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
IP-BASED OPERATIONS PLATFORMS	1	2022	1	2024
AERIAL/GROUND-BASED PLATFORMS	1	2022	1	2024
REMOTE ACCESS CAPABILITIES	1	2022	1	2024
CLOSE ACCESS CAPABILITIES	1	2022	1	2024
PLATFORM CZ AND VISUALIZATION CAPABILITIES	1	2022	1	2024
TESTING & EVALUATION SUPPORT FOR RDTE CAPABILITIES	1	2022	1	2024