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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 Office of the Secretary Of Defense **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0607310D8Z I <i>Counterproliferation Modernization</i>
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COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	69.778	14.862	12.713	11.309	-	11.309	13.332	12.511	12.733	12.972	-	-
242: <i>Counterproliferation Modernization</i>	69.778	14.862	12.713	11.309	-	11.309	13.332	12.511	12.733	12.972	-	-

**Note**

New Start (Y/N): No

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

This program supports the Department's initiatives to Deter Aggression, Defend the Homeland, Provide Nuclear Deterrence, and Build Sustainable and Long-Term Advantage.

The Counterproliferation Modernization (formerly, Countering Weapons of Mass Destruction (CWMD) Systems) research and development activities (RDAs) enhance DoD's capabilities to campaign across the domains of threats and spectrums of conflict by: "improving our understanding of the operational environment – including in the information domain; sowing doubt among competitors that they would be able to achieve their objectives and conduct unattributed coercive actions; disrupting competitor actions that would afford them warfighting advantages; reinforcing our own warfighting advantages; and enhancing our interoperability and access to address acute forms of coercion" (2022 National Defense Strategy (NDS)).

RDAs provide enhanced offensive Counterproliferation capabilities. The Counterproliferation Modernization portfolio enables DoD to prevent adversary development, acquisition, transfer, deployment, and use of weapons of mass destruction. Likewise, the portfolio's investments deliver capabilities to "take action against actors of concern and reduce access to WMD development pathways" and "delays further development, degrades capabilities where possible, and, if necessary, prevents WMD use" (2022 DoD Strategy to Counter Weapons of Mass Destruction).

The Counterproliferation Modernization portfolio is executing along cohesive lines of effort (LOEs) designed to prepare the Joint Force for a Future Operating Environment in which adversary pursuit or possession of WMDs pose threats ranging from existential to tactical, and limit U.S. strategic choices. These LOEs create unique options across the continuum of conflict, including exquisite tactical situational awareness, the ability to rapidly generate options, low visibility methods of maneuver, and the capability to employ immediate effects without diminishing future capabilities. These LOEs enable active campaigning to support Integrated Deterrence that mitigate risk to mission and risk to force.

The Office of the Secretary of Defense uses the Counterproliferation Modernization portfolio to invest strategically in projects across the Military Services, Combatant Commands, and Defense Agencies. Funding is prioritized for projects that close Joint Force warfighter capability gaps. An annual investment strategy is used to meet emergent operational and capability needs validated by the Joint Force, yielding new fielded capabilities within one to two years.

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The CWMD Systems: Operational Systems Development program invests in upgrades of and enhancements to fielded systems that counter WMD proliferation. Funds are used for integration of operational prototypes into fielded systems, or other upgrades and enhancements, including any necessary test and evaluation. Investments modernize existing counter WMD capabilities within the Department of Defense to enhance the Joint Force's lethality by upgrading and enhancing currently fielded systems. Upgraded capabilities illuminate WMD networks; exploit vulnerabilities in networks, programs, facilities, and weapons systems; and disable or defeat WMD and their delivery systems.

This program funds labor, materials, and travel requirements, performed by a government agency or by private individuals or organizations under a contract with the government, for activities and acquisitions including RDT&E, assessments and analyses, research studies, education, and other activities related to capability development and fielding.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Previous President's Budget	15.427	12.713	12.481	-	12.481
Current President's Budget	14.862	12.713	11.309	-	11.309
Total Adjustments	-0.565	0.000	-1.172	-	-1.172
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.565	-			
• Defense-Wide Topline Adjustment	-	-	-1.172	-	-1.172

**Change Summary Explanation**

The FY 2024 to FY 2025 funding decrease represents program adjustments directed by OUSD(A&S) to align with higher priority National Defense Strategy requirements and will result in 1-2 fewer upgraded/enhanced counter WMD capabilities.

**UNCLASSIFIED**

**Exhibit R-2A, RDT&E Project Justification:** PB 2025 Office of the Secretary Of Defense **Date:** March 2024

<b>Appropriation/Budget Activity</b> 0400 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0607310D8Z / Counterproliferation Modernization				<b>Project (Number/Name)</b> 242 / Counterproliferation Modernization			
COST (\$ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
242: Counterproliferation Modernization	69.778	14.862	12.713	11.309	-	11.309	13.332	12.511	12.733	12.972	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

This program supports the Department's initiatives to Defend the Homeland, Provide Nuclear Deterrence, and Build Sustainable and Long-Term Advantage.

The Counterproliferation Modernization (formerly, Countering Weapons of Mass Destruction (CWMD) Systems) portfolio aligns with the National Defense Strategy objective of “dissuading, preventing, or deterring state adversaries and non-state actors from acquiring, proliferating, or using weapons of mass destruction.”

The Counterproliferation Modernization portfolio enhances warfighter lethality by developing capabilities to exploit and defeat critical nodes of nuclear, chemical and biological weapons, ballistic missile programs, and proliferation networks; additionally the program develops offensively-oriented capabilities to disrupt Weapons of Mass Destruction (WMD) proliferation networks and detect, disable, or defeat WMD and delivery systems. Investments result in capabilities fielded to the Joint Force, enabling it to reduce WMD threats and create options for the United States to prevent WMD use.

The Office of the Secretary of Defense uses the Counterproliferation Modernization portfolio to invest strategically in projects across the Military Services, Combatant Commands, and Defense Agencies. Funding is prioritized for projects that close Joint Force warfighter capability gaps. An annual investment strategy is used to meet emergent operational and capability needs validated by the Joint Force, yielding new fielded capabilities within one to two years.

The CWMD Systems: Operational Systems Development program invests in upgrades of and enhancements to fielded systems that counter WMD proliferation. Funds are used for integration of operational prototypes into fielded systems, or other upgrades and enhancements, including any necessary test and evaluation. Investments modernize existing counter WMD capabilities within the Department of Defense to enhance the Joint Force’s lethality by upgrading and enhancing currently fielded systems. Upgraded capabilities illuminate WMD networks; exploit vulnerabilities in networks, programs, facilities, and weapons systems; and disable or defeat WMD and their delivery systems.

This program funds labor, materials, and travel requirements, performed by a government agency or by private individuals or organizations under a contract with the government, for activities and acquisitions including RDT&E, assessments and analyses, research studies, education, and other activities related to capability development and fielding.

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

	FY 2023	FY 2024	FY 2025
<b>Title:</b> Counterproliferation Modernization	14.862	12.713	11.309

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Office of the Secretary Of Defense		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 0400 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0607310D8Z / Counterproliferation Modernization	<b>Project (Number/Name)</b> 242 / Counterproliferation Modernization

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<p><b>Description:</b> The Counterproliferation Modernization program invests in upgrades of and enhancements to fielded systems that counter WMD proliferation. Funds are used for integration of operational prototypes into fielded systems, or other upgrades and enhancements, including any necessary test and evaluation. Investments modernize existing counter WMD capabilities within the Department of Defense to enhance the Joint Force’s lethality by upgrading and enhancing currently fielded systems. Upgraded capabilities illuminate WMD networks; exploit vulnerabilities in networks, programs, facilities, and weapons systems; and disable or defeat WMD and their delivery systems.</p> <p><b>FY 2024 Plans:</b></p> <ul style="list-style-type: none"> <li>Enhanced and upgraded multiple classified capabilities on behalf of specialized units within USSOCOM;</li> <li>Enhanced and upgraded multiple classified capabilities on behalf of geographic Combatant Commands and the Services;</li> <li>Enhanced and upgraded multiple classified capabilities that support operational preparation of the environment on behalf of the broader DoD CWMD Enterprise.</li> </ul> <p><b>FY 2025 Plans:</b></p> <ul style="list-style-type: none"> <li>Enhance and upgrade multiple classified capabilities on behalf of specialized units within USSOCOM;</li> <li>Enhance and upgrade multiple classified capabilities on behalf of geographic Combatant Commands and the Services;</li> <li>Enhance and upgrade multiple classified capabilities that support operational preparation of the environment on behalf of the broader DoD CWMD Enterprise;</li> <li>Continue upgrades of and enhancements to fielded systems that counter WMD proliferation across the DoD Enterprise.</li> </ul> <p><b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> The FY 2024 to FY 2025 funding decrease represents program adjustments directed by OUSD(A&amp;S) to align with higher priority National Defense Strategy requirements and will result in 1-2 fewer upgraded/enhanced counter WMD capabilities.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	14.862	12.713	11.309

<b>C. Other Program Funding Summary (\$ in Millions)</b> N/A
<b>Remarks</b> N/A

**D. Acquisition Strategy**  
The Office of the Deputy Assistant Secretary of Defense for Threat Reduction and Arms Control (ODASD(TRAC)) establishes annual priorities based on national and DoD strategies and senior leader guidance. Based on those priorities, TRAC solicits project proposals from Combatant Commands, Military Services, and Defense Agencies, and interagency partners. To be selected, a proposed project must have a validated requirement, an engaged requirement champion, a viable acquisition

**UNCLASSIFIED**

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strategy, and a qualified program management office. A technology project must identify its starting and desired end-state Technology Readiness Level. Likewise, the end-user for any proposed project must demonstrate a long-term plan for acceptance and sustainment of a fieldable capability. Project period of performance is typically 12-24 months.

**UNCLASSIFIED**

**Exhibit R-3, RDT&E Project Cost Analysis:** PB 2025 Office of the Secretary Of Defense **Date:** March 2024

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<b>Product Development (\$ in Millions)</b>				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Upgrade fielded CWMD & Counterproliferation Systems	Various	Various : Various	16.234	3.121	Jan 2023	2.655	Jan 2024	2.375	Jan 2025	-		2.375	-	-	-
Upgrade & enhance Special Operations Forces (SOF) CWMD & Counterproliferation capabilities	MIPR	USSOCOM : TBD	20.827	6.688	Jan 2023	5.760	Jan 2024	5.089	Jan 2025	-		5.089	-	-	-
Enhance Service capabilities to detect, disable, or defeat WMD	Various	TBD : TBD	16.090	2.378	Jan 2023	2.023	Jan 2024	1.809	Jan 2025	-		1.809	-	-	-
Upgrade & enhance Geographic Combatant Command CWMD & Counterproliferation capabilities.	MIPR	TBD : TBD	16.627	2.675	Jan 2023	2.275	Jan 2024	2.036	Jan 2025	-		2.036	-	-	-
<b>Subtotal</b>			69.778	14.862		12.713		11.309		-		11.309	-	-	N/A

**Remarks**  
N/A

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	69.778	14.862	12.713	11.309	-	11.309	-	-	N/A

**Remarks**  
N/A.

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2025 Office of the Secretary Of Defense		<b>Date:</b> March 2024
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**Counterproliferation Modernization  
BA 7 / PE 0607310D8Z**

FY22				FY23				FY24				FY25				FY26				FY27				FY28				FY29							
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
<b>Upgrade fielded Countering Weapons of Mass Destruction (CWMD) &amp; Counterproliferation Systems</b>																																			
<b>Upgrade &amp; enhance Special Operations Forces (SOF) CWMD and Counterproliferation capabilities</b>																																			
<b>Enhance Service capabilities to detect, disable, or defeat WMD</b>																																			
<b>Upgrade &amp; enhance Geographic Combatant Command CWMD &amp; Counterproliferation capabilities</b>																																			