

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2022 Office of the Secretary Of Defense **Date:** May 2021

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0303310D8Z I <i>Countering Weapons of Mass Destruction (CWMD) Systems: Advanced Technology 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	249.898	27.878	0.000	0.000	-	0.000	-	-	-	-	-	-
004: <i>CWMD Systems: Advanced Technology Development</i>	249.898	27.878	0.000	0.000	-	0.000	-	-	-	-	-	-

**Note**

In FY 2021, this program was eliminated as a result of the Defense-wide Review.

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

The 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 CWMD Systems portfolio enhances warfighter lethality by developing capabilities to analyze and exploit critical nodes of nuclear, chemical, and biological weapons and ballistic missile programs and proliferation networks; and developing offensively-oriented capabilities to disrupt 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 CWMD Systems 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 submitted by the Joint Force, yielding new fielded capabilities within one to two years.

The CWMD Systems: Advanced Technology Development program invested in innovative technologies and non-materiel initiatives, accelerating development of new capabilities to illuminate WMD networks; assessed vulnerabilities in networks, programs, facilities, and weapons systems; and developed technologies to disable or defeat WMD. Funding also sponsors research, analyses, and table-top exercises related to countering WMD proliferation by government and non-government organizations.

This appropriation funded labor, materials, and travel to support the requirements of this program, 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.

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<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 3: Advanced Technology Development (ATD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0303310D8Z / <i>Countering Weapons of Mass Destruction (CWMD) Systems: Advanced Technology Development</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022 Base</b>	<b>FY 2022 OCO</b>	<b>FY 2022 Total</b>
Previous President's Budget	28.907	0.000	0.000	-	0.000
Current President's Budget	27.878	0.000	0.000	-	0.000
Total Adjustments	-1.029	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustment	-1.029	-	-	-	-

**Change Summary Explanation**

In FY 2021, this program was eliminated as a result of the Defense-wide Review.

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**Exhibit R-2A, RDT&E Project Justification:** PB 2022 Office of the Secretary Of Defense **Date:** May 2021

<b>Appropriation/Budget Activity</b> 0400 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0303310D8Z / <i>Countering Weapons of Mass Destruction (CWMD) Systems: Advanced Technology Development</i>	<b>Project (Number/Name)</b> 004 / <i>CWMD Systems: Advanced Technology 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
004: <i>CWMD Systems: Advanced Technology Development</i>	249.898	27.878	0.000	0.000	-	0.000	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

**Note**

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

The 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.”

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This appropriation funded labor, materials, and travel to support the requirements of this program, 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 2020	FY 2021	FY 2022
<b>Title:</b> P*004 / CWMD Systems: Advanced Technology Development	27.878	0.000	0.000

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<b>Appropriation/Budget Activity</b> 0400 / 3	<b>R-1 Program Element (Number/Name)</b> PE 0303310D8Z / <i>Countering Weapons of Mass Destruction (CWMD) Systems: Advanced Technology Development</i>	<b>Project (Number/Name)</b> 004 / <i>CWMD Systems: Advanced Technology Development</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022</b>
<p><b>Description:</b> The CWMD Systems: Advanced Technology Development program invested in innovative technologies and non-materiel initiatives, accelerating development of new capabilities to illuminate WMD networks; assessed vulnerabilities in networks, programs, facilities, and weapons systems; and developed technologies to disable or defeat WMD. Funding also sponsors research, analyses, and table-top exercises related to countering WMD proliferation by government and non-government organizations.</p> <p><b>FY 2021 Plans:</b> FY20 Projects were completed, funding eliminated by 2019 Defense Wide Review.</p> <p><b>FY 2022 Plans:</b> N/A</p> <p><b>FY 2021 to FY 2022 Increase/Decrease Statement:</b> Defense Wide Review eliminated funding to support the department priorities</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	27.878	0.000	0.000

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

N/A

**Remarks**

**D. Acquisition Strategy**

The Office of the Deputy Assistant Secretary of Defense for Threat Reduction and Arms Control (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 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 12-18 months.