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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Defense Advanced Research Projects Agency **Date:** March 2024

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 2: Applied Research</i>	R-1 Program Element (Number/Name) PE 0602383E / <i>BIOLOGICAL WARFARE DEFENSE</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	-	21.717	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	-
BW-01: <i>BIOLOGICAL WARFARE DEFENSE</i>	-	21.717	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	-	-

A. Mission Description and Budget Item Justification

The Biological Warfare Defense project, budgeted in the Applied Research budget activity, focused on the underlying technologies associated with the detection, prevention, treatment and remediation of biological, chemical, and radionuclide threats.

Efforts to counter existing and emerging biological, chemical and radiological threats included countermeasures to stop the pathophysiologic processes that occur as a consequence of an attack, collection of environmental trace constituents to support chemical mapping, tactical and strategic biological, chemical, and radiological sensors, and integrated defense systems.

B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	23.059	0.000	0.000	-	0.000
Current President's Budget	21.717	0.000	0.000	-	0.000
Total Adjustments	-1.342	0.000	0.000	-	0.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	-0.742	0.000			
• SBIR/STTR Transfer	-0.600	0.000			

Change Summary Explanation

FY 2023: Decrease reflects SBIR/STTR transfer and reprogrammings.

FY 2024: N/A

FY 2025: N/A

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

	FY 2023	FY 2024	FY 2025
Title: Defense Against Mass Terror Threats	21.717	-	-

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2023	FY 2024	FY 2025
Description: The objective of the Defense Against Mass Terror Threats program was to identify and develop technologies that have the potential to significantly improve the United States' ability to reduce the risk of mass casualties in the wake of a Weapons of Mass Terror (WMT) attack. Challenges in reducing U.S. vulnerability to these attacks included developing new sensors and systems that afford early warning and opportunities to interdict these threats before they can be employed in urban areas and other population centers. A major goal of this program was to develop new sensors and sensing networks that can economically and reliably provide these wide-area monitoring capabilities for WMT threat signatures.			
Accomplishments/Planned Programs Subtotals	21.717	-	-

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

N/A

Remarks

E. Acquisition Strategy

N/A