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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Army **Date:** March 2024

Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0607101A / Combating Weapons of Mass Destruction (CWMD) Product Improvement
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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	0.000	0.000	0.000	0.271	0.000	0.271	0.000	0.000	0.000	0.000	0.000	0.271
DJ7: Radiological Detection System Development	-	-	-	0.271	-	0.271	-	-	-	-	0.000	0.271

Note
Combating Weapons of Mass Destruction (CWMD) Product Improvement is a new start in FY 2025.

A. Mission Description and Budget Item Justification
The Combating Weapons of Mass Destruction Product Improvement (CWMD) line supports obsolescence management efforts for overall chemical, radiological, and biological detection and protection for the warfighter for multiple programs of record, including the Radiological Detection System (RDS).

FY2025 Base amount of \$0.271 million supports RDS.

B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	0.271	-	0.271
Total Adjustments	0.000	0.000	0.271	-	0.271
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	0.271	-	0.271

Change Summary Explanation
Increased funding to support radio interoperability and Radiological Detection System (RDS) requirements.

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Army **Date:** March 2024

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607101A / <i>Combating Weapons of Mass Destruction (CWMD) Product Improvement</i>	Project (Number/Name) DJ7 / <i>Radiological Detection System Development</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
<i>DJ7: Radiological Detection System Development</i>	-	-	-	0.271	-	0.271	-	-	-	-	0.000	0.271
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Radiological Detection System Development is a new start within the Combating Weapons of Mass Destruction (CWMD) Product Improvement program in FY 2025.

A. Mission Description and Budget Item Justification

The Combating Weapons of Mass Destruction Product Improvement (CWMD) line supports obsolescence management efforts for overall chemical, radiological, and biological detection and protection for the warfighter for multiple programs of record.

The Radiological Detection System (RDS) provides DoD's first joint Radiological and Nuclear solution to detect and measure radiation. RDS replaces legacy RADIAC meters. Further development of the RDS is required to complete actions such as meeting key performance parameter (KPP) requirements of Net Ready.

FY25 funding will resource mandatory testing to validate the interoperability of the RDS with Army Radios - achieving KPP 3 of Net Ready.

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

	FY 2023	FY 2024	FY 2025
Title: RDS Obsolescence Management	-	-	0.271
FY 2025 Plans: RDS new RDTE funding will use FY25 (\$0.271 million) funding for the following activities: Addressing radio interoperability.			
FY 2024 to FY 2025 Increase/Decrease Statement: New start funding line in FY2025 increase to address radio interoperability and KPP requirements for RDS.			
Accomplishments/Planned Programs Subtotals	-	-	0.271

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

N/A

Remarks

D. Acquisition Strategy

The Radiological Detection System (RDS) will utilize funding through Other Government Agency (OGA) support via MIPR to accomplish test and interoperability requirements consistent with the program schedule.

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Exhibit R-4, RDT&E Schedule Profile: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607101A / <i>Combating Weapons of Mass Destruction (CWMD) Product Improvement</i>	Project (Number/Name) DJ7 / <i>Radiological Detection System Development</i>

Event Name	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
	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
Interoperability - RDS																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Army		Date: March 2024
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0607101A / <i>Combating Weapons of Mass Destruction (CWMD) Product Improvement</i>	Project (Number/Name) DJ7 / <i>Radiological Detection System Development</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Interoperability - RDS	2	2025	4	2025