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Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Army **Date:** March 2023

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605036A / <i>Combating Weapons of Mass Destruction (CWMD)</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	-	-	1.050	-	1.050	8.696	10.832	10.947	11.069	0.000	42.594
EQ5: <i>Combating Weapons of Mass Destruction (CWMD)</i>	-	-	-	1.050	-	1.050	8.696	10.832	10.947	11.069	0.000	42.594

Note

This is a New Start in FY24

A. Mission Description and Budget Item Justification

Advanced Radiological, Nuclear Detection Family of Systems (ARND FOS) will provide an enhanced standoff, wide area/ networked detection capability to produce a RN site picture depicting radiological hot spots and facilitating the detection of high priority areas of interest/focus on an objective.

The Chemically Protected Deployable Medical System (CP DEPMEDS) program procures equipment to provide chemical and biological protection to US Army Role 3 field hospitals.

FY24 Base request for ARND FoS is \$679,000.00.

FY24 Base request for CP DEPMEDS is \$371,000.

B. Program Change Summary (\$ in Millions)

	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024 Base</u>	<u>FY 2024 OCO</u>	<u>FY 2024 Total</u>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	1.050	-	1.050
Total Adjustments	0.000	0.000	1.050	-	1.050
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	1.050	-	1.050

Change Summary Explanation

Additional programs have been added to this line. These are new start efforts for FY24.

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FY24 Base TOA for ARND FoS is \$679,000.00. FY24 Base TOA for CP DEPMEDS is \$371,000		

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Army **Date:** March 2023

Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605036A / <i>Combating Weapons of Mass Destruction (CWMD)</i>	Project (Number/Name) EQ5 / <i>Combating Weapons of Mass Destruction (CWMD)</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
EQ5: <i>Combating Weapons of Mass Destruction (CWMD)</i>	-	-	-	1.050	-	1.050	8.696	10.832	10.947	11.069	0.000	42.594
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

Note

Combating Weapons of Mass Destruction (CWMD) is a new start within the Combating Weapons of Mass Destruction (CWMD) program in FY 2024.

This is a New Start in FY24

A. Mission Description and Budget Item Justification

Advanced Radiological, Nuclear Detection Family of Systems (ARND FOS) will provide an enhanced standoff, wide area/ networked detection capability to produce a RN site picture depicting radiological hot spots and facilitating the detection of high priority areas of interest/focus on an objective.

The Chemically Protected Deployable Medical System (CP DEPMEDS) program procures equipment to provide chemical and biological protection to US Army Role 3 field hospitals.

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

	FY 2022	FY 2023	FY 2024
Title: FY24 Combating Weapons of Mass Destruction	-	-	1.050
FY 2024 Plans: ARND FoS new start program will use FY24 (679K) funding for the following activities. Develop ACQ strategy and program documentation. Conduct market survey. Develop contracting package. CP DEPMEDS program will use FY24 (371K) funding for the following activities. Develop Logistics Documentation.			
FY 2023 to FY 2024 Increase/Decrease Statement: This is a New Start in FY24			
Accomplishments/Planned Programs Subtotals	-	-	1.050

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

N/A

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

Remarks

D. Acquisition Strategy

ARND FoS will evaluate Commercial-Off-The-Shelf (COTS) solutions and Defense Threat Reduction Agency (DTRA) prototypes to meet requirements in the CPD. The PMO will initiate program document development, complete a market survey, release a contract for candidate systems to increase competition between vendors, down-select to most suitable vendor, and complete all necessary testing on both the air and ground systems. The ARND FoS acquisition strategy will be refined following the completion of the acquisition shaping panel (ASP) review.

The Chemically Protected Deployable Medical System (CP DEPMEDS) will revise the program's technical manuals and other logistics documentation to reflect changes resulting from the program's modernization and re-configuration efforts.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Army												Date: March 2023			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
2040 / 5				PE 0605036A / Combating Weapons of Mass Destruction (CWMD)				EQ5 / Combating Weapons of Mass Destruction (CWMD)							
Management Services (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management (ARND FoS)	TBD	Various : Various	-	-		-		0.200	Jan 2024	-		0.200	0.000	0.200	-
Subtotal			-	-		-		0.200		-		0.200	0.000	0.200	N/A
Support (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering (ARND FoS)	TBD	Edgewood Chemical and Biological Center : Aberdeen Proving Ground, MD	-	-		-		0.379	Jan 2024	-		0.379	0.000	0.379	-
Logistics (ARND FoS)	TBD	Various : Various	-	-		-		0.050	Jan 2024	-		0.050	0.000	0.050	-
Logistics (CP DEPMEDS)	TBD	Various : Various	-	-		-		0.371	Jan 2024	-		0.371	0.000	0.371	-
Subtotal			-	-		-		0.800		-		0.800	0.000	0.800	N/A
Test and Evaluation (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
T&E (ARND FoS)	TBD	A TEC : Aberdeen Proving Ground, MD	-	-		-		0.050	Jan 2024	-		0.050	0.000	0.050	-
Subtotal			-	-		-		0.050		-		0.050	0.000	0.050	N/A
Project Cost Totals			-	-		-		1.050		-		1.050	0.000	1.050	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Army			Date: March 2023
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605036A / <i>Combating Weapons of Mass Destruction (CWMD)</i>	Project (Number/Name) EQ5 / <i>Combating Weapons of Mass Destruction (CWMD)</i>	

Event Name	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
	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
Acquisition Documentation Development - ARND FoS																												
Logistics Documentation - CP DEPMEDS																												
Initiate program documentation and acquisition strategy ...																												
Award Prototype Contract - ARND FoS																												
Developmental Testing - ARND FoS																												
Milestone C- ARND FoS																												



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Exhibit R-4A, RDT&E Schedule Details: PB 2024 Army		Date: March 2023
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Acquisition Documentation Development - ARND FoS	1	2023	4	2023
Logistics Documentation - CP DEPMEDS	1	2024	4	2024
Initiate program documentation and acquisition strategy - ARND FoS	1	2024	4	2024
Award Prototype Contract - ARND FoS	1	2025	4	2025
Developmental Testing - ARND FoS	1	2026	4	2026
Milestone C- ARND FoS	1	2027	1	2027