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

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604654N / JNT Service EOD
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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	304.981	8.315	8.618	9.064	-	9.064	9.042	9.224	9.412	9.600	Continuing	Continuing
1829: <i>Expl Ord Disp Proc</i>	304.981	8.315	8.618	9.064	-	9.064	9.042	9.224	9.412	9.600	Continuing	Continuing

A. Mission Description and Budget Item Justification

This program, aligned with the National Defense Strategy, provides Joint Service Explosive Ordnance Disposal (EOD) and the supported Combatant Commanders with information superiority by providing for the development of Unexploded Explosive Ordnance (UXO), Improvised Explosive Devices (IED), Weapons of Mass Destruction (WMD), and weapons systems Technical Manuals (TMs). TMs, which provide key identification features, hazardous materials, and safety information, are paramount to the success of EOD Mission to detect, locate, access, identify, Render Safe/Neutralize, and dispose or recover both foreign and domestic explosive threats that pose a threat to military operations, installations, personnel, and materials.

In addition, EOD Render Safe Procedures (RSP) and Disposal Procedures must be developed prior to fielding in the case of U.S. weapons and ordnance and as soon as possible after gaining knowledge of existence as it pertains to foreign ordnance and other explosive threats. These efforts require collection, exploitation, and analysis of the ordnance items and associated components, e.g., fuzing, prior to the development of EOD procedures.

As defined in DOD Directive 5160.62, assigns the Secretary of the Navy (SECNAV) the responsibility of Executive Agent for Explosive Ordnance Disposal (EOD) Technology and Training (T&T). The Executive Agent for EOD T&T is to provide for the preparation, technical development, validation, Joint Service approval, and distribution of all EOD procedures and countermeasures to include publications, manuals, bulletins, texts, and graphic aids. This program is a non-acquisition program (without traditional acquisition milestones) with on-going, continuous delivery of urgent and periodic documented procedures and publications for mines, ordnance items, weapons systems, Improvised Explosive Devices, Weapons of Mass Destruction, and related explosive hazards.

B. Program Change Summary (\$ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	8.348	8.618	8.890	-	8.890
Current President's Budget	8.315	8.618	9.064	-	9.064
Total Adjustments	-0.033	0.000	0.174	-	0.174
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.033	0.000			
• Rate/Misc Adjustments	0.000	0.000	0.174	-	0.174

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Appropriation/Budget Activity
1319: *Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)*

R-1 Program Element (Number/Name)
PE 0604654N / JNT Service EOD

Change Summary Explanation

FY 2022: SBIR -\$0.033M
FY 2023: N/A
FY 2024: +\$0.191M misc. rate adjustments

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Exhibit R-2A, RDT&E Project Justification: PB 2024 Navy										Date: March 2023		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604654N / JNT Service EOD				Project (Number/Name) 1829 / Expl Ord Disp Proc			
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
1829: <i>Expl Ord Disp Proc</i>	304.981	8.315	8.618	9.064	-	9.064	9.042	9.224	9.412	9.600	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Title: Render-Safe Procedures Development	7.535	7.982	8.349	0.000	8.349
Articles:	-	-	-	-	-
FY 2023 Plans:					
This funding will provide for the continued development of new Render Safe Procedures particularly on foreign ordnance items and their associated fuzing. Render Safe Procedures are developed, tested, validated, and necessary to eliminate both the likelihood and consequences associated with detonation of high explosives. Render Safe Procedures are unique and very specific actions performed only by Explosive Ordnance Disposal personnel that provides the Combatant Commander a capability to eliminate explosive hazards while protecting personnel, property, and infrastructure.					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Development of new Render Safe Procedures will target Great Power Competition threats. FY 2024 Base Plans: Render Safe Procedures Development supports new EOD Technical Manuals for American and foreign ordnance items as well as to development, testing, and validation of specific EOD Render Safe Procedures that do not currently exist. FY 2024 OCO Plans: N/A FY 2023 to FY 2024 Increase/Decrease Statement: Increased funding supports the development of added publications and specific EOD Procedures targeting Great Power Competition ordnance items.					
Title: Improvised Explosive Device (IED), Weapons of Mass Destruction (WM) Countermeasures Articles:	0.780 -	0.636 -	0.715 -	0.000 -	0.715 -
FY 2023 Plans: Improvised Explosive Device (IED), Weapons of Mass Destruction (WMD) Countermeasures program continues to maintain alignment with the National Defense Strategy and provides for the development of Technical Manuals. Data collection, analysis, testing and processing of information will continue to support new manuals and information available for the Joint EOD warfighter encountering IED and WMD materials. FY 2024 Base Plans: Improvised Explosive Device (IED), Weapons of Mass Destruction (WMD) Countermeasures program supports the development of emerging technical manuals to include tactics, techniques and procedures to mitigate threats as well as document effective countermeasures. FY 2024 OCO Plans: N/A FY 2023 to FY 2024 Increase/Decrease Statement: Increased funding supports the development of tactics, techniques, procedures, and applicable countermeasures documented in publications to support Joint EOD Operations against IEDs and WMDs particularly targeting emerging threats.					
Accomplishments/Planned Programs Subtotals	8.315	8.618	9.064	0.000	9.064

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

N/A

Remarks

D. Acquisition Strategy

This is a non-acquisition program.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604654N / JNT Service EOD	Project (Number/Name) 1829 / Expl Ord Disp Proc
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Product Development (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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			
Ordnance and Weapons Systems Procedures Development	WR	NSWCIHEODTD : Indian Head, MD	207.773	7.535	Nov 2021	7.982	Oct 2022	8.349	Nov 2023	-		8.349	Continuing	Continuing	Continuing
Improvised Explosive Device {IED}, Weapons of Mass Destruction {WMD} Countermeasures	WR	NSWCIHEODTD : Indian Head, MD	58.809	0.780	Nov 2021	0.636	Oct 2022	0.715	Nov 2023	-		0.715	Continuing	Continuing	Continuing
Improvised Explosive Device {IED}, Weapons of Mass Destruction {WMD} Countermeasures	WR	Sandia DOE : Albuquerque, NM	1.073	0.000		0.000		0.000		-		0.000	0.000	1.073	-
Foreign Mine Acquisition	WR	NSWCIHEODTD : Indian Head, MD	19.038	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Miscellaneous	WR	NSWCIHEODTD : Indian Head, MD	17.862	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Subtotal			304.555	8.315		8.618		9.064		-		9.064	Continuing	Continuing	N/A

Management Services (\$ in Millions)				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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			
Program Management Personnel	WR	NSWCIHEODTD : Indian Head, MD	0.426	0.000		0.000		0.000		-		0.000	0.000	0.426	-
Subtotal			0.426	0.000		0.000		0.000		-		0.000	0.000	0.426	N/A

	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals		304.981	8.315	8.618	9.064	-	9.064	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2024 Navy **Date:** March 2023

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604654N / JNT Service EOD	Project (Number/Name) 1829 / Expl Ord Disp Proc
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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

JT Service EOD	
System Development: Ordnance and Weapons Systems Procedures Development	
System Development: Improvised Explosive Device (IED), Weapons of Mass Destruction (WMD) Countermeasures	

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

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604654N / JNT Service EOD	Project (Number/Name) 1829 / Expl Ord Disp Proc
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
JT Service EOD				
System Development: Ordnance and Weapons Systems Procedures Development	1	2022	4	2028
System Development: Improvised Explosive Device (IED), Weapons of Mass Destruction (WMD) Countermeasures	1	2022	4	2028