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Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Navy Date: May 2017

Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0604654N / JT Service EOD							
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COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	291.680	8.123	7.369	7.561	-	7.561	7.223	7.526	7.639	7.793	Continuing	Continuing
1829: Expl Ord Disp Proc	291.680	8.123	7.369	7.561	-	7.561	7.223	7.526	7.639	7.793	Continuing	Continuing

A. Mission Description and Budget Item Justification

This program provides for the development of key identification features and safety information used by Joint Service EOD personnel when performing their mission of detecting, locating, accessing, identifying, Render-Safe/Neutralize, and disposing or recovery of both foreign and domestic Unexploded Explosive Ordnance (UXO), Improvised Explosive Devices (IED), and Weapons of Mass Destruction (WMD) that pose a threat to military operations, installations, personnel, and materials.

In addition, EOD Render-Safe Procedures (RSP) of foreign ordnance and other explosive hazards must be developed as soon as possible after gaining knowledge of its existence. This effort requires acquisition, exploitation, and analysis of the foreign ordnance prior to the development of EOD procedures.

The program also provides for the development and evaluation of prototypical EOD Tier Two solutions sets for threats identified in the National Response Framework. This effort provides resources essential to the Foreign Threat Mine Acquisition/Exploitation (FTMA/E) program that includes; acquisition, inert certification, intelligence and operational exploitation, analysis, procedure development, and disposition of the highest priority foreign threat naval mines.

As defined in DOD Directive 5160.62, assigns the Secretary of the Navy (SECNAV) the responsibility of Single Manager for Explosive Ordnance Disposal (EOD) Technology and Training (T&T). The Executive Manager for EODT&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.

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Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
1319: Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)		PE 0604654N / JT Service EOD			
B. Program Change Summary (\$ in Millions)	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	8.123	7.369	7.579	-	7.579
Current President's Budget	8.123	7.369	7.561	-	7.561
Total Adjustments	0.000	0.000	-0.018	-	-0.018
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Rate/Misc Adjustments	0.000	0.000	-0.018	-	-0.018
Change Summary Explanation					
Program Adjustments: Other Rate/Misc Adjustments (MISC) \$18K.					
Technical: Not applicable.					
Schedule: Not applicable.					

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy										Date: May 2017		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604654N / JT Service EOD				Project (Number/Name) 1829 / Expl Ord Disp Proc			
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
1829: Expl Ord Disp Proc	291.680	8.123	7.369	7.561	-	7.561	7.223	7.526	7.639	7.793	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

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In addition, EOD Render-Safe Procedures (RSP) of foreign ordnance and other explosive hazards must be developed as soon as possible after gaining knowledge of its existence. This effort requires acquisition, exploitation, and analysis of the foreign ordnance prior to the development of EOD procedures.

The program also provides for the development and evaluation of prototypical EOD Tier Two solutions sets for threats identified in the National Response Framework. This effort provides resources essential to the Foreign Threat Mine Acquisition/Exploitation (FTMA/E) program that includes; acquisition, inert certification, intelligence and operational exploitation, analysis, procedure development, and disposition of the highest priority foreign threat naval mines.

As defined in DOD Directive 5160.62, assigns the Secretary of the Navy (SECNAV) the responsibility of Single Manager for Explosive Ordnance Disposal (EOD) Technology and Training (T&T). The Executive Manager for EODT&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. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)

	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Title: Render-Safe Procedures Development	3.420	2.988	2.660	0.000	2.660
Articles:	-	-	-	-	-
FY 2016 Accomplishments: Identified, reverse engineer, analyzed and exploited ordnance items for the purpose of developing and or updating EOD render-safe procedures.					
FY 2017 Plans:					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Identify, analyze, exploit and reverse engineer prioritized ordnance items for the purpose of developing EOD render safe procedures and Disposal Procedures. FY 2018 Base Plans: Identify, analyze, exploit, and reverse engineer foreign and domestic conventional ordnance, munitions, weapons systems, and their associated explosive hazards, for the purpose of developing and or updating EOD render-safe and disposal procedures. FY 2018 OCO Plans: N/A						
Title: Improvised Explosive Device (IED), Weapons of Mass Destruction (WM) Countermeasures Articles: FY 2016 Accomplishments: Analyzed and exploit IED and WMD threats. Develop new or updated specialized procedures for EOD response elements and maintain technologies to stay ahead of the evolving IED and WMD threats. FY 2017 Plans: Develop and prioritize specialize procedures for EOD response tactics and techniques to stay ahead of the evolving IED and WMD threats. FY 2018 Base Plans: Analyze and exploit IEDs and WMDs (to include chemical, biological, radiological, or nuclear weapons) threats for the purpose of developing and or updating EOD countermeasures and procedures to neutralize the threat. FY 2018 OCO Plans: N/A		2.510 -	1.805 -	2.338 -	0.000 -	2.338 -
Title: Foreign Mine Acquisition Articles: FY 2016 Accomplishments: Acquired acquisition high priority foreign threat naval mines for analysis and exploitation to support development of countermeasure procedures. FY 2017 Plans:		2.193 -	2.576 -	2.563 -	0.000 -	2.563 -

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)				FY 2016	FY 2017
Acquire high priority foreign threat naval mines for analysis and exploitation in support of development of EOD countermeasure procedures. FY 2018 Base Plans: Acquire high priority foreign threat naval mines for analysis and exploitation in support of development of EOD countermeasure procedures FY 2018 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals				8.123	7.369
				7.561	0.000
				7.561	
C. Other Program Funding Summary (\$ in Millions)					
N/A					
Remarks					
D. Acquisition Strategy					
This is a non-acquisition program.					
E. Performance Metrics					
Analyzed and exploited foreign and domestic ordnance resulting in the development of 3,711 ordnance and weapons systems publications providing essential identification features, functioning characteristics, safety information and other EOD specific technical information to include 22 validated Render-Safe and Disposal procedures. Additionally, 1,038 Improvised Explosive Device (IED) and 253 Weapons of Mass Destruction (WMD) publications were developed or updated which included the development and validation of 14 EOD specific Render-Safe/Neutralization procedures.					