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

<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604103A / <i>Electronic Warfare Planning and Management Tool (EWPMT)</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	0.000	0.000	0.000	2.260	0.000	2.260	0.000	0.000	0.000	0.000	0.000	2.260
DG4: NAVWAR SA	-	-	-	2.260	-	2.260	-	-	-	-	0.000	2.260

**Note**  
 Electronic Warfare Planning and Management Tool (EWPMT) is a new start in FY 2024.

**A. Mission Description and Budget Item Justification**  
 Navigation Warfare Situational Awareness (NAVWAR-SA) a new start effort in FY 2024. Is a system of systems approach to detecting, geolocating, and determining the impact area of Global Positioning System (GPS) in a contested environment and the effects on Position, Navigation, and Timing (PNT) on the battlefield.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	2.260	-	2.260
Total Adjustments	0.000	0.000	2.260	-	2.260
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	2.260	-	2.260

**Change Summary Explanation**  
 FY 2024 RDTE dollars for the new start effort NAVWAR-SA in the amount of \$2.260 million allows for the transition and integration of the NAVWAR Plexus software into the Electronic Warfare and Planning Management Tool (EWPMT) baseline.

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

<b>Appropriation/Budget Activity</b> 2040 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604103A / <i>Electronic Warfare Planning and Management Tool (EWPMT)</i>	<b>Project (Number/Name)</b> DG4 / NAVWAR SA
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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
DG4: NAVWAR SA	-	-	-	2.260	-	2.260	-	-	-	-	0.000	2.260
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

NAVWAR SA is a new start within the Electronic Warfare Planning and Management Tool (EWPMT) program in FY 2024.

**A. Mission Description and Budget Item Justification**

Navigation Warfare Situational Awareness (NAVWAR-SA) a new start effort in FY 2024. Is a system of systems approach for detecting, geo-locating, and determining the impact of Global Positioning System (GPS) in a contested environment and the effects on Position, Navigation, and Timing (PNT) on the battlefield.

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

	FY 2022	FY 2023	FY 2024
<b>Title:</b> NAVWAR SA	-	-	2.260
<b>Description:</b> The integration of NAVWAR-SA Plexus into EWPMT includes the development of Application Program Interfaces (API) and testing. The Tactical NAVWAR Plexus preserves the effectiveness of Maneuvers and Fires missions by enabling the Commander to understand when GPS jammers are present, where they are located, and what areas they are impacting.			
<b>FY 2024 Plans:</b> - Initiate transition and integration of NAVWAR-SA software into EWPMT software baseline, develop API, and test.			
<b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> This is the initial funding on this line.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	-	2.260

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

N/A

**Remarks**

**D. Acquisition Strategy**

Transition the Plexus software and integrate into EWPMT utilizing agile development and existing contracts.

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

<b>Appropriation/Budget Activity</b> 2040 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604103A / <i>Electronic Warfare Planning and Management Tool (EWPMT)</i>	<b>Project (Number/Name)</b> DG4 / NAVWAR SA
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<b>Product Development (\$ in Millions)</b>				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			
Contract - EWPMT Fielding, Training, Support and Product Improvement	C/CPFF	TBD : TBD	-	-		-		1.000	Apr 2024	-		1.000	0.000	1.000	Continuing
<b>Subtotal</b>			-	-		-		1.000		-		1.000	0.000	1.000	N/A

**Remarks**  
FY24 funds in the amount of \$1.000 million for NAVWAR SA transition and integration into EWPMT Baseline.

<b>Support (\$ in Millions)</b>				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			
Technical and Engineering Support	Various	Various : Variou	-	-		-		1.260	Nov 2023	-		1.260	0.000	1.260	Continuing
<b>Subtotal</b>			-	-		-		1.260		-		1.260	0.000	1.260	N/A

**Remarks**  
FY24 funds in the amount of \$1.260 million for NAVWAR SA integration and test support.

	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	-	-	-	2.260	-	2.260	0.000	2.260	N/A

**Remarks**

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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2024 Army</b>			<b>Date:</b> March 2023
<b>Appropriation/Budget Activity</b> 2040 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604103A / <i>Electronic Warfare Planning and Management Tool (EWPMT)</i>	<b>Project (Number/Name)</b> DG4 / NAVWAR SA	

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
NAVWAR-SA Transition Initiation and Integration into EWP...																												
NAVWAR-SA Demonstration																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 Army		<b>Date:</b> March 2023
<b>Appropriation/Budget Activity</b> 2040 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604103A / <i>Electronic Warfare Planning and Management Tool (EWPMT)</i>	<b>Project (Number/Name)</b> DG4 / NAVWAR SA

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
NAVWAR-SA Transition Initiation and Integration into EWPMT Baseline	1	2024	3	2025
NAVWAR-SA Demonstration	4	2025	4	2025