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

<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / <i>Next Generation Jammer (NGJ)</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
Total Program Element	3,891.783	64.658	40.477	86.721	-	86.721	65.986	58.423	26.399	0.000	0.000	4,234.447
0557: <i>Next Generation Jammer</i>	3,891.783	64.658	40.477	86.721	-	86.721	65.986	58.423	26.399	0.000	0.000	4,234.447

**Program MDAP/MAIS Code:**  
**Project MDAP/MAIS Code(s):** 445

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

The Next Generation Jammer Mid-Band (NGJ-MB) (formerly known as Next Generation Jammer Increment 1) is the next step in the evolution of Airborne Electronic Attack (AEA). It is a critical capability necessary to defend against current, evolving, and developing Electronic Warfare gaps, ensures kill chain wholeness against growing threat capabilities and capacities, keeps pace with enemy threat weapon systems' advancements, and supports the continuous expansion of the AEA mission areas that exceed the capability of legacy systems. NGJ-MB utilizes enhanced techniques and tactics to deliver significantly improved radar and communications jamming effectiveness to include classified capabilities. Utilizing Modular Open Systems Architecture supporting software and hardware updates to rapidly counter emergent and evolving threats, NGJ-MB is a key enabler and force multiplier for operations across the spectrum of missions defined in the Defense Strategic Guidance, including strike warfare, projecting power in highly contested environments, and counterinsurgency/irregular warfare. NGJ-MB also addresses the shortfalls in scalability, flexibility, supportability, interoperability, availability, and capability of the existing AN/ALQ-99 Tactical Jamming System to ensure continued spectrum dominance.

This Program Element (PE 0604274N) supports the AN/ALQ-249 NGJ-MB program. NGJ-MB will address AEA capability and sufficiency gaps against enemy threats operating in the middle frequency bands of the electromagnetic spectrum. In addition, this PE supports NGJ-MB Extended (MBX), which is an Engineering Change Proposal (ECP) to the current NGJ-MB system that will extend the upper frequency coverage limit to counter modern and adaptive threats. This modification will increase frequency range of the NGJ-MB system and enhance the survivability of the platform and protected entities against emerging threats. In total, NGJ-MB will provide the ability to effectively engage enemy threats from increased stand-off distances, employ increased capacity (number of jamming assignments) against enemy targets, and support agile employment by operators. The NGJ-MB system will be integrated on the EA-18G tactical aircraft and will augment and then replace the legacy AN/ALQ-99 Tactical Jamming System in the middle frequency bands. NGJ-MB (to include MBX) is a Cooperative development and production program with the Royal Australian Air Force (RAAF).

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2025 Navy	<b>Date:</b> March 2024
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<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / <i>Next Generation Jammer (NGJ)</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Previous President's Budget	54.679	40.477	87.422	-	87.422
Current President's Budget	64.658	40.477	86.721	-	86.721
Total Adjustments	9.979	0.000	-0.701	-	-0.701
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	9.989	0.000			
• SBIR/STTR Transfer	-0.010	0.000			
• Rate/Misc Adjustments	0.000	0.000	-0.701	-	-0.701

**Change Summary Explanation**

Funding: N/A

Technical/Cost: N/A

Schedule: The PB25 Schedule has been updated to reflect the completion of NGJ-MB baseline test program. Lot 4 APN-5 Contract Award shifted from 2QTR 2024 to 4QTR 2024.  
 Mission Systems Testing (IT-C1) completion extends from 3QTR 2023 to 2QTR 2024.  
 Aeromechanical Testing (IT-C2) completion extends from 3QTR 2023 to 2QTR 2024.  
 Follow-on Operational Test and Evaluation (FOT&E) added to schedule from 2QTR 2024 to 4QTR 2024.  
 Initial Operational Test & Evaluation completion extends from 4QTR 2023 to 2QTR 2024.

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

<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer
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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
0557: Next Generation Jammer	3,891.783	64.658	40.477	86.721	-	86.721	65.986	58.423	26.399	0.000	0.000	4,234.447
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**Project MDAP/MAIS Code:** 445

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

This Program Element (PE 0604274N) supports the AN/ALQ-249 NGJ-MB program. NGJ-MB will address AEA capability and sufficiency gaps against enemy threats operating in the middle frequency bands of the electromagnetic spectrum. In addition, this PE supports NGJ-MB Extended (MBX), which is an Engineering Change Proposal (ECP) to the current NGJ-MB system that will extend the upper frequency coverage limit to counter modern and adaptive threats. This modification will increase frequency range of the NGJ-MB system and enhance the survivability of the platform and protected entities against emerging threats. In total, NGJ-MB will provide the ability to effectively engage enemy threats from increased stand-off distances, employ increased capacity (number of jamming assignments) against enemy targets, and support agile employment by operators. The NGJ-MB system will be integrated on the EA-18G tactical aircraft and will augment and then replace the legacy AN/ALQ-99 Tactical Jamming System in the middle frequency bands. NGJ-MB (to include MBX) is a Cooperative development and production program with the Royal Australian Air Force (RAAF).

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

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
<p><b>Title:</b> Next Generation Jammer Mid-Band Primary Hardware Development</p> <p align="right"><b>Articles:</b></p> <p><b>FY 2024 Plans:</b> N/A</p> <p><b>FY 2025 Base Plans:</b> N/A</p> <p><b>FY 2025 OCO Plans:</b> N/A</p>	15.619	0.000	0.000	0.000	0.000
	-	-	-	-	-
<p><b>Title:</b> Next Generation Jammer Mid-Band Systems Engineering</p> <p align="right"><b>Articles:</b></p> <p><b>FY 2024 Plans:</b> N/A</p> <p><b>FY 2025 Base Plans:</b></p>	12.086	0.000	0.000	0.000	0.000
	-	-	-	-	-

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
N/A					
<b>FY 2025 OCO Plans:</b> N/A					
<b>Title:</b> Next Generation Jammer Mid-Band Test and Evaluation	21.669	15.077	0.000	0.000	0.000
<b>Articles:</b>	-	-	-	-	-
<b>FY 2024 Plans:</b> Complete Verification of Correction of Deficiencies (VCD) from NGJ-MB test events.					
<b>FY 2025 Base Plans:</b> N/A					
<b>FY 2025 OCO Plans:</b> N/A					
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funding decreases from FY 2024 to FY 2025 as baseline NGJ-MB completes and the program transitions to MBX development.					
<b>Title:</b> Next Generation Jammer Mid-Band Integration	14.297	0.000	0.000	0.000	0.000
<b>Articles:</b>	-	-	-	-	-
<b>FY 2024 Plans:</b> N/A					
<b>FY 2025 Base Plans:</b> N/A					
<b>FY 2025 OCO Plans:</b> N/A					
<b>Title:</b> Next Generation Jammer Mid-Band Support & Management Services	0.987	0.000	0.000	0.000	0.000
<b>Articles:</b>	-	-	-	-	-
<b>FY 2024 Plans:</b> N/A					
<b>FY 2025 Base Plans:</b>					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
N/A					
<b>FY 2025 OCO Plans:</b> N/A					
<b>Title:</b> Next Generation Jammer Mid-Band Extended	0.000	25.400	86.721	0.000	86.721
<b>Articles:</b>	-	-	-	-	-
<b>FY 2024 Plans:</b> The NGJ-MB Extended (MBX) effort will be initiated in order to increase the capability to address the upper frequency coverage limit to cover current key threats. Efforts include conducting a System Requirements Review (SRR) and defining subsystem requirements, assessing risk reduction trades and early design efforts, conducting a system Preliminary Design Review, and beginning aircraft/software integration efforts, developmental test and all support and management services associated with MBX.					
<b>FY 2025 Base Plans:</b> The NGJ-MB Extended (MBX) effort continues in detailed design development of the Advanced Frequency Converter Module (AFCM) and MBX Arrays and conducting a system Critical Design Review (CDR). FY 2025 will procure prototype material and aircraft/software integration efforts will begin along with preparation for testing efforts. All engineering, logistical, developmental test and management services associated with MBX continue to support delivery of MBX capability to the Fleet as quickly as possible.					
<b>FY 2025 OCO Plans:</b> N/A					
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b> Funds increased from FY 2024 to FY 2025 as NGJ-MB Extended (MBX) efforts, to include all associated engineering, logistical, developmental test and management support, are budgeted for a full year. Additionally, FY 2025 will procure prototype material to include 12 MBX Arrays and 36 Advanced Frequency Converter Modules (AFCM) to support Critical Design Review (CDR).					
<b>Accomplishments/Planned Programs Subtotals</b>	64.658	40.477	86.721	0.000	86.721

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Navy		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer

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

Line Item	FY 2023	FY 2024	FY 2025	FY 2025	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Cost To	
			Base	OCO	Total					Complete	Total Cost
• APN/0591: Next Generation Jammer (NGJ)	463.146	426.396	453.226	-	453.226	446.640	478.301	417.296	423.278	2,235.989	5,763.397
• APN/0505: F-18E/F and EA-18G Modernization and Sustainment	544.849	605.416	566.727	-	566.727	629.619	606.013	749.867	777.208	3,770.230	9,072.711
• RDTEN/0604270N/0556: EW Counter Response	21.876	22.168	20.358	-	20.358	46.636	47.294	48.159	76.120	Continuing	Continuing

**Remarks**

RDTEN 0604270N/0556 EW Counter Response includes funding, beginning in FY 2026, for NGJ follow-on software/hardware development and test.

**D. Acquisition Strategy**

The NGJ-MB program is designated an Acquisition Category 1C Major Defense Acquisition Program (MDAP), MDAP program number 445. The activity will focus on Engineering and Manufacturing Development (EMD) phase completing the design of the pod and building fifteen (15) EDM pods for Developmental Test (DT) and six (6) System Demonstration Test Article (SDTA) Pod shipsets (2 pods per shipset) for final DT, Operational Test (OT), tactics development, and Initial Operational Capability (IOC). MS-C occurred in 3rd Qtr. FY 2021. MS-C Acquisition Strategy approved by the Milestone Decision Authority, Assistant Secretary of the Navy (RD&A), 19 May 2020. In addition, this PE supports NGJ-MB Extended (MBX), an Engineering Change Proposal (ECP) to the current NGJ-MB system that will extend the upper frequency coverage limit to counter modern and adaptive threats.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy													Date: March 2024		
Appropriation/Budget Activity				R-1 Program Element (Number/Name)					Project (Number/Name)						
1319 / 5				PE 0604274N / Next Generation Jammer (NGJ)					0557 / Next Generation Jammer						
Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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
Primary Hardware Development - Engineering and Manufacturing Development	C/CPIF	Raytheon : El Segundo, CA	1,710.316	15.619	Jan 2023	0.000		0.000		-		0.000	0.000	1,725.935	1,725.935
Primary Hardware Development - MBX Development	C/CPIF	Raytheon : El Segundo, CA	0.000	0.000		13.134	Jun 2024	68.661	Nov 2024	-		68.661	102.094	183.889	183.889
Software/Aircraft Integration	WR	NAWCWD : China Lake, CA	108.287	4.243	Nov 2022	0.000		0.000		-		0.000	0.000	112.530	-
Software/Aircraft Integration MBX	WR	NAWCWD : China Lake, CA	0.000	0.000		4.809	Nov 2023	4.904	Nov 2024	-		4.904	7.347	17.060	-
Software Integration H-Build	C/CPIF	Boeing : St. Louis, MO	114.343	4.258	Aug 2023	0.000		0.000		-		0.000	0.000	118.601	118.601
Software Integration H-Build MBX	C/CPIF	Boeing : St. Louis, MO	0.000	0.000		0.000		1.500	Feb 2025	-		1.500	3.000	4.500	4.500
Software Integration - Blk Update	WR	NAWCWD : Pt. Mugu, CA	109.097	1.737	Nov 2022	0.000		0.000		-		0.000	0.000	110.834	-
Software Integration - Blk Update MBX	WR	NAWCWD : Pt. Mugu, CA	0.000	0.000		0.000		3.407	Nov 2024	-		3.407	8.200	11.607	-
Software Integration H-Build	SS/FFP	Northrup Grumman : Bethpage, NY	73.878	4.059	Dec 2022	0.000		0.000		-		0.000	0.000	77.937	77.937
Systems Engineering	WR	NAWCAD : Patuxent River, MD	183.862	1.394	Nov 2022	0.000		0.000		-		0.000	0.000	185.256	-
Systems Engineering MBX	WR	NAWCAD : Patuxent River, MD	0.000	0.000		4.096	Nov 2023	4.179	Nov 2024	-		4.179	11.019	19.294	-
Systems Engineering	WR	NAWCWD : Pt. Mugu, CA	110.369	7.962	Nov 2022	0.000		0.000		-		0.000	0.000	118.331	-
Systems Engineering	WR	NSWC Crane : Crane, IN	66.386	0.733	Nov 2022	0.000		0.000		-		0.000	0.000	67.119	-
Systems Engineering MBX	SS/CPFF	Johns Hopkins University Applied	0.000	0.603	Sep 2023	1.558	Nov 2023	1.589	Nov 2024	-		1.589	4.284	8.034	8.034

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer
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<b>Product Development (\$ in Millions)</b>				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
		Physics Lab : Laurel, MD													
Systems Engineering	Various	Various : Various	15.945	1.394	Nov 2022	0.000		0.000		-		0.000	0.000	17.339	-
Systems Engineering MBX	Various	Various : Various	0.000	0.000		1.269	Feb 2024	1.294	Nov 2024	-		1.294	4.028	6.591	-
Prior Year Prod Dev no longer funded in FYDP	Various	Various : Various	929.695	0.000		0.000		0.000		-		0.000	0.000	929.695	-
<b>Subtotal</b>			3,422.178	42.002		24.866		85.534		-		85.534	139.972	3,714.552	N/A

**Remarks**  
Funds increased from FY 2024 to FY 2025 as NGJ-MB Extended (MBX) related efforts are budgeted for a full year. Additionally, FY 2025 increases to procure prototype material to include 12 MBX Arrays and 36 Advanced Frequency Converter Modules (AFCM) to support Critical Design Review (CDR).

<b>Support (\$ in Millions)</b>				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
Eng & Tech Svc (Non FFRDC)	Various	Various : Various	56.066	0.588	Nov 2022	0.000		0.000		-		0.000	0.000	56.654	-
Eng & Tech Svc (Non FFRDC) MBX	Various	Various : Various	0.000	0.000		0.350	Nov 2023	0.357	Nov 2024	-		0.357	1.114	1.821	-
Prior Year Support no longer funded in FYDP	Various	Various : Various	5.382	0.000		0.000		0.000		-		0.000	0.000	5.382	-
<b>Subtotal</b>			61.448	0.588		0.350		0.357		-		0.357	1.114	63.857	N/A

<b>Test and Evaluation (\$ in Millions)</b>				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
Developmental Test & Evaluation (DT&E)	WR	NAWCAD : Patuxent River, MD	300.444	5.279	Nov 2022	1.508	Nov 2023	0.000		-		0.000	0.000	307.231	-
Developmental Test & Evaluation (DT&E)	WR	NAWCAD MBX : Patuxent River, MD	0.000	0.000		0.000		0.643	Nov 2024	-		0.643	9.136	9.779	-

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer
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<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2023</b>		<b>FY 2024</b>		<b>FY 2025 Base</b>		<b>FY 2025 OCO</b>		<b>FY 2025 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Developmental Test & Evaluation (DT&E)	Various	Boeing : St Louis MO	46.962	3.319	Aug 2023	0.000		0.000		-		0.000	0.000	50.281	50.281
Developmental Test & Evaluation (DT&E)	WR	NAWCWD : China Lake, CA	17.357	7.234	Nov 2022	0.000		0.000		-		0.000	0.000	24.591	-
Developmental Test & Evaluation (DT&E)	WR	Boeing : St Louis, MO	19.327	2.079	Dec 2022	0.000		0.000		-		0.000	0.000	21.406	21.406
Operational Test & Evaluation (OT&E)	Various	Various : Various	7.897	3.758	Mar 2023	13.569	Nov 2023	0.000		-		0.000	0.000	25.224	-
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	Various	Various : Various	14.525	0.000		0.000		0.000		-		0.000	0.000	14.525	-
<b>Subtotal</b>			406.512	21.669		15.077		0.643		-		0.643	9.136	453.037	N/A

**Remarks**  
Funds decrease from FY 2024 to FY 2025 as NGJ-MB baseline DT/OT complete in FY 2024 and the program transitions to MBX DT efforts.

<b>Management Services (\$ in Millions)</b>				<b>FY 2023</b>		<b>FY 2024</b>		<b>FY 2025 Base</b>		<b>FY 2025 OCO</b>		<b>FY 2025 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>			
Travel	WR	Various : Various	1.628	0.399	Oct 2022	0.000		0.000		-		0.000	0.000	2.027	-
Travel MBX	WR	Various : Various	0.000	0.000		0.184	Oct 2023	0.187	Oct 2024	-		0.187	0.586	0.957	-
Prior years Mgmt Svcs no longer funded in the FYDP	WR	Various : Various	0.017	0.000		0.000		0.000		-		0.000	0.000	0.017	-
<b>Subtotal</b>			1.645	0.399		0.184		0.187		-		0.187	0.586	3.001	N/A

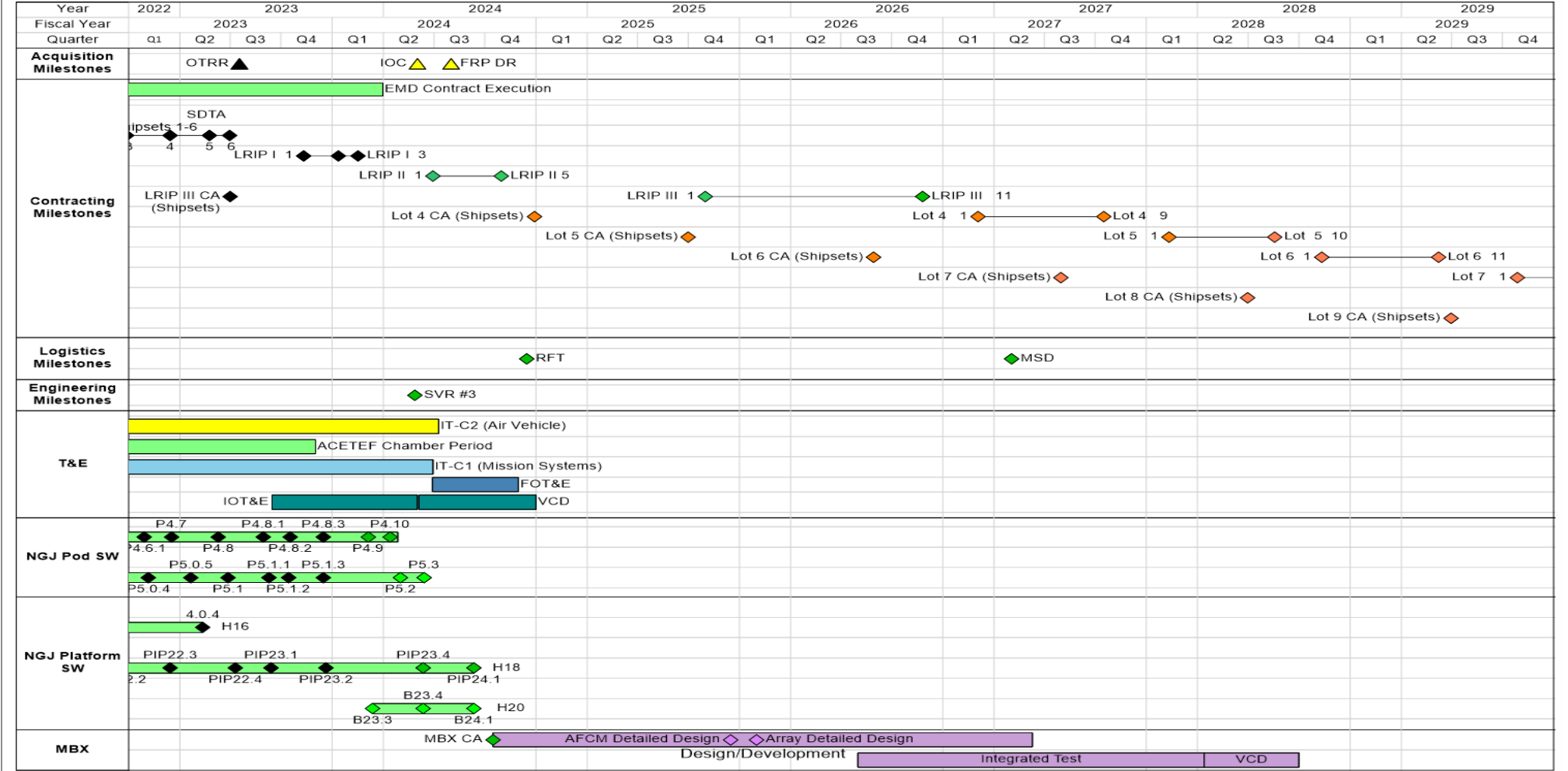
	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>	
<b>Project Cost Totals</b>		3,891.783	64.658	40.477	86.721	-	86.721	150.808	4,234.447	N/A

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer
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<b>Exhibit R-4A, RDT&amp;E Schedule Details: PB 2025 Navy</b>		<b>Date: March 2024</b>
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / <i>Next Generation Jammer (NGJ)</i>	<b>Project (Number/Name)</b> 0557 / <i>Next Generation Jammer</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Next Generation Jammer Mid-Band</i></b>				
Acquisition Milestones: Milestones: Initial Operational Capability	2	2024	2	2024
Acquisition Milestones: Milestones: Full Rate Production Decision Review	3	2024	3	2024
Systems Development: Hardware Development: Engineering & Manufacturing Development	1	2023	1	2024
Systems Development: Hardware Development: NGJ-MB Extended (MBX) Engineering & Manufacturing Development	3	2024	2	2027
Systems Development: Software Development: Platform Software (H Build Integration)	1	2023	3	2024
Test & Evaluation: Technical Evaluation: Mission Systems Testing (IT-C1)	1	2023	2	2024
Test & Evaluation: Technical Evaluation: Aeromechanical Testing (IT-C2)	1	2023	2	2024
Test & Evaluation: Technical Evaluation: Follow-on Operational Test and Evaluation (FOT&E)	2	2024	4	2024
Test & Evaluation: Technical Evaluation: Verification Correction of Deficiencies (VCD)	2	2024	4	2024
Test & Evaluation: Technical Evaluation: NGJ-MB Extended (MBX) Integrated Test	3	2026	2	2028
Test & Evaluation: Technical Evaluation: NGJ-MB Extended (MBX) Verification Correction of Deficiencies (VCD)	2	2028	3	2028
Test & Evaluation: Operational Evaluation: Operational Test Readiness Review	3	2023	3	2023
Test & Evaluation: Operational Evaluation: Initial Operational Test & Evaluation	3	2023	2	2024
<b><i>Next Generation Jammer Mid-Band (cont)</i></b>				
Engineering Milestones: Reviews: System Verification Review 3	2	2024	2	2024
Production Milestones: Contract Awards: Low Rate Initial Production III APN-5 Contract Award	2	2023	2	2023
Production Milestones: Contract Awards: Lot 4 APN-5 Contract Award	4	2024	4	2024

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**Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0604274N / Next Generation Jammer (NGJ)	<b>Project (Number/Name)</b> 0557 / Next Generation Jammer
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<b>Events by Sub Project</b>	<b>Start</b>		<b>End</b>	
	<b>Quarter</b>	<b>Year</b>	<b>Quarter</b>	<b>Year</b>
Production Milestones: Contract Awards: Lot 5 APN-5 Contract Award	3	2025	3	2025
Production Milestones: Contract Awards: Lot 6 APN-5 Contract Award	3	2026	3	2026
Production Milestones: Contract Awards: Lot 7 APN-5 Contract Award	3	2027	3	2027
Production Milestones: Contract Awards: Lot 8 APN-5 Contract Award	2	2028	2	2028
Production Milestones: Contract Awards: Lot 9 APN-5 Contract Award	2	2029	2	2029
Deliveries: System Demonstration Test Article RDTEN Deliveries	1	2023	2	2023
Deliveries: LRIP I Deliveries	4	2023	1	2024
Deliveries: LRIP II Deliveries	2	2024	4	2024
Deliveries: LRIP III Deliveries	4	2025	4	2026
Deliveries: Lot 4 Deliveries	1	2027	4	2027
Deliveries: Lot 5 Deliveries	1	2028	3	2028
Deliveries: Lot 6 Deliveries	4	2028	2	2029
Deliveries: Lot 7 Deliveries	4	2029	4	2029