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

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604657M / <i>MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYST</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	87.219	21.401	62.329	33.880	-	33.880	6.218	0.000	0.000	0.000	0.000	211.047
7400: <i>Combat Capability Development Transition</i>	87.219	21.401	62.329	33.880	-	33.880	6.218	0.000	0.000	0.000	0.000	211.047

A. Mission Description and Budget Item Justification

Organic Precision Fires (OPF) is a Service Force Design priority and will provide multiple echelons of the Fleet Marine Force with an organic, loitering, beyond-line-of-sight precision strike capability. OPF will be employed at the tactical level to allow Marines to rapidly engage the enemy beyond the range of direct fire weapons while minimizing collateral damage and exposure to enemy direct and indirect fires. OPF has demonstrated through extensive war-gaming and simulation, combined with experience gained in real world operations, that it will significantly improve the organic lethality of infantry and reconnaissance formations.

B. Program Change Summary (\$ in Millions)

	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>
Previous President's Budget	45.025	62.329	47.085	-	47.085
Current President's Budget	21.401	62.329	33.880	-	33.880
Total Adjustments	-23.624	0.000	-13.205	-	-13.205
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-22.281	0.000			
• SBIR/STTR Transfer	-1.343	0.000			
• Program Adjustments	0.000	0.000	55.316	-	55.316
• Rate/Misc Adjustments	0.000	0.000	-68.521	-	-68.521

Change Summary Explanation

The decrease from Previous President's Budget reflects the termination of the OPF-Mounted program.

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy										Date: March 2024		
Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604657M / MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYST				Project (Number/Name) 7400 / Combat Capability Development Transition			
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
7400: <i>Combat Capability Development Transition</i>	87.219	21.401	62.329	33.880	-	33.880	6.218	0.000	0.000	0.000	0.000	211.047
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Organic Precision Fires (OPF) is a Marine Corps Force Design priority and will provide multiple echelons of the Fleet Marine Force with an organic, loitering, beyond-line-of-sight precision strike capability. OPF will deliver precision effects as well as surveillance before and during target strike, while reducing the potential for collateral damage.

Multiple materiel solutions are required to provide the envisioned capabilities to the Fleet Marine Force.

OPF-Light will procure an existing, light-weight loitering munition for use by dismounted elements. It provides a dismounted, lightweight, man-packable, loitering munition that extends the capability of the infantry squad/platoon to engage targets to the maximum range of organic Intelligence, Surveillance, and Reconnaissance (ISR) assets at that level. OPF-L will provide a counter-defilade, anti-personnel and anti-materiel capability. Primary target sets for this system will be enemy personnel, crew-served weapons, and Command and Control (C2) nodes. This will be principally a platoon/squad level asset.

In FY 2024, OPF-Light awarded contracts for munitions and C2 systems and began initial developmental testing. In FY 2025, the program will complete initial developmental testing.

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

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: Organic Precision Fires (OPF)	21.401	62.329	33.880	0.000	33.880
Articles:	-	-	-	-	-
FY 2024 Plans:					
Terminated OPF-Mounted					
OPF-Light					
- Awarded multiple contracts for test assets to include munitions and C2 systems					
- Completed test planning and conduct Test Readiness Review (TRR)					
- Initiated developmental testing					
FY 2025 Base Plans:					
OPF-Light					
- Complete initial developmental testing including safety, performance, and environmental testing					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
- Purchase test asset munitions from multiple vendors to continue developmental testing - Conduct developmental testing including Insensitive Munition (IM), type qualification, environmental, and Packaging, Handling, Storage and Transportation (PHS&T) FY 2025 OCO Plans: N/A FY 2024 to FY 2025 Increase/Decrease Statement: The decrease from FY 2024 to FY 2025 reflects the termination of the OPF-Mounted program.					
Accomplishments/Planned Programs Subtotals	21.401	62.329	33.880	0.000	33.880

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

N/A

Remarks

D. Acquisition Strategy

OPF-Mounted was initiated in FY 2021 as a Middle Tier Acquisition (MTA) rapid prototyping program. The intention of the MTA was to rapidly assess the technological and manufacturing maturity of the industrial base. Following careful and deliberate assessment of the rapid prototyping program, the Marine Corps decided to cease OPF-Mounted development with the current vendor and end the prototyping effort.

The OPF-Light program was designated as an Abbreviated Acquisition Program in FY 2023 and is the Marine Corps near term focus. A Request For Proposal (RFP) was released for non-developmental, loitering munition systems in FY 2023. In FY 2024, the program awarded Indefinite Delivery/Indefinite Quantity contracts for systems and munitions qualification testing, as well as follow-on systems and munitions procurements. Upon completion of testing, the program will issue additional delivery orders to the successful vendor(s).

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

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604657M / MARINE CORPS GROUN D COMBAT/SUPPORTING ARMS SYST	Project (Number/Name) 7400 / Combat Capability Development Transition
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Product Development (\$ in Millions)				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			
Prior Years Cumulative Funding	Various	Various : Various	53.837	0.000		0.000		0.000		-		0.000	0.000	53.837	-
OPF-M Government Development	Various	Various : Various	6.050	2.441	Nov 2022	0.000		0.000		-		0.000	0.000	8.491	-
OPF-M Assembly and Installation	Various	Various : Various	4.022	0.472	Nov 2022	0.000		0.000		-		0.000	0.000	4.494	-
OPF-L Munition Test Assets	C/BA	TBD : TBD	0.000	0.000		18.129	Feb 2024	26.806	Dec 2024	-		26.806	0.000	44.935	-
OPF-M Termination	C/BA	N/A : N/A	0.000	1.344	Jun 2023	36.600	Oct 2023	0.000		-		0.000	0.000	37.944	-
Subtotal			63.909	4.257		54.729		26.806		-		26.806	0.000	149.701	N/A

Remarks
The decrease from FY 2024 to FY 2025 is due to the termination of the OPF-Mounted effort.

Support (\$ in Millions)				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			
Prior Years Cumulative Funding	Various	Various : Various	4.181	0.000		0.000		0.000		-		0.000	0.000	4.181	-
OPF-M Engineering Support	Various	Various : Various	2.793	3.448	Nov 2022	0.000		0.000		-		0.000	0.000	6.241	-
OPF-L Engineering Support	C/BA	Various : Various	0.000	3.347	Nov 2022	2.000	Nov 2023	1.413	Nov 2024	-		1.413	0.000	6.760	-
OPF-M Training System Development	MIPR	SMDC : Huntsville, AL	1.862	0.328	Nov 2022	0.000		0.000		-		0.000	0.000	2.190	-
OPF-M LAV Platform Support	Various	Various : Various	1.982	0.731	Nov 2022	0.000		0.000		-		0.000	0.000	2.713	-
Subtotal			10.818	7.854		2.000		1.413		-		1.413	0.000	22.085	N/A

Remarks
The decrease from FY 2024 to FY 2025 is due to a shift from engineering assessment and test planning to test execution.

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

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Test and Evaluation (\$ in Millions)				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)	Various	Various : Various	8.284	5.075	Nov 2022	2.900	Nov 2023	3.756	Nov 2024	-		3.756	0.000	20.015	-
Subtotal			8.284	5.075		2.900		3.756		-		3.756	0.000	20.015	N/A

Remarks
The increase from FY 2024 to FY 2025 is due to the execution of OPF-Light developmental testing with multiple vendors to include safety and performance testing.

Management Services (\$ in Millions)				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			
Travel	Various	Various : Various	0.332	0.150	Oct 2022	0.200	Oct 2023	0.120	Oct 2024	-		0.120	0.000	0.802	-
Program/Cost Management	Various	Various : Various	3.876	4.065	Oct 2022	2.500	Oct 2023	1.785	Oct 2024	-		1.785	0.000	12.226	-
Subtotal			4.208	4.215		2.700		1.905		-		1.905	0.000	13.028	N/A

Remarks
The decrease from FY 2024 to FY 2025 is due to a shift from planning and contract administration to test execution.

	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	87.219	21.401	62.329	33.880	-	33.880	0.000	204.829	N/A

Remarks

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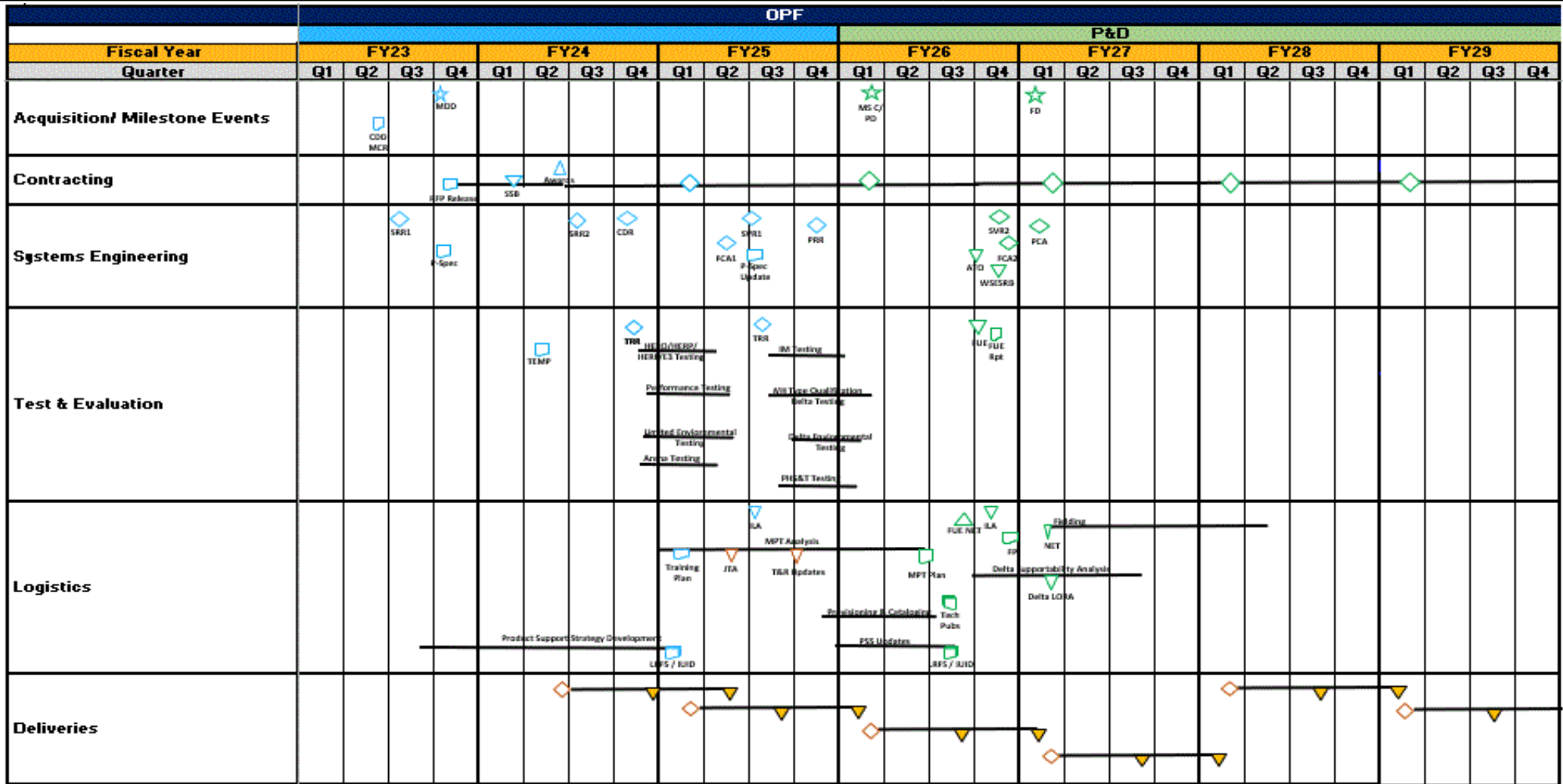
Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy

Date: March 2024

Appropriation/Budget Activity
1319 / 5

R-1 Program Element (Number/Name)
PE 0604657M / MARINE CORPS GROUND
COMBAT/SUPPORTING ARMS SYST

Project (Number/Name)
7400 / Combat Capability Development
Transition



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

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 7400				
OPF-L RFP Release	4	2023	4	2023
OPF-L MDD	4	2023	4	2023
OPF-L Contract Award(s)	2	2024	2	2024
OPF-L MS C	1	2026	1	2026