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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 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0308601N / <i>Modeling & Simulation Support</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	76.534	9.154	10.994	10.927	-	10.927	10.772	10.957	11.180	11.415	Continuing	Continuing
2222: <i>Modeling & Simulation</i>	76.534	9.154	10.994	10.927	-	10.927	10.772	10.957	11.180	11.415	Continuing	Continuing

A. Mission Description and Budget Item Justification

This Program Element supports activities and projects conducted by the Navy Modeling and Simulation (M&S) Office (NMSO). It enables technical and management initiatives that bring organization, focus, and efficiency to the development and use of M&S throughout the Navy and the Department of the Navy (DoN). It provides a central organization for the formulation and implementation of policy and guidance in M&S and represents Navy interests in Department of Defense (DoD), Joint, and other agency initiatives. It funds efforts to define and coordinate Enterprise Navy M&S policy, M&S execution, and guidance to evolve an interoperable and reusable core M&S capability consistent with the M&S technical frameworks prescribed by DoD across the Future Years Defense Program (FYDP).

Navy M&S priorities include interoperability, composability, effective capability use and reuse, incorporation of Model Based Systems Engineering (MBSE) products and requirements development to determine the networks, infrastructure, and data needed to support enterprise DON M&S capabilities which leverage M&S standards, information systems, virtual environments, and federation design and development that supports warfighting decision-making.

NMSO's efforts are organized around three product areas:

(1) **Core Services:** This activity provides leadership and essential planning, program and fiscal management, coordination, and execution of Navy focused M&S efforts as well as those with the other Services, the Office of Secretary of Defense (OSD), the Joint Staff, and other agencies. It also oversees initiatives to develop, deploy, and track the policies and procedures necessary to support the creation of a robust and credible capability to create synthetic environments, accurately represent platforms and systems, predict outcomes, and provide inputs to Naval decision makers and operational users in support of numerous areas, including acquisition, analysis, training, and experimentation.

(2) **Community Services:** This activity provides M&S community-wide services and digital ecosystems/venues, M&S policies, plans, standards, verification, validation, and accreditation (VV&A) handbooks and codes of best practice, M&S procurement guidance, collaborative digital engineering, and supports discoverability/reuse across the DON, as well as within its acquisition, analytics, training, and experimentation communities.

(3) **Community Experiments and Prototypes:** This activity develops and executes experiments and prototypes focused on the advancement of M&S capabilities and technology to increase M&S efficiency and/or effectiveness in key war fighting areas.

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B. Program Change Summary (\$ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	9.437	10.994	10.924	-	10.924
Current President's Budget	9.154	10.994	10.927	-	10.927
Total Adjustments	-0.283	0.000	0.003	-	0.003
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.283	0.000			
• Rate/Misc Adjustments	0.000	0.000	0.003	-	0.003

Change Summary Explanation

FUNDING: No significant change.

TECHNICAL: No significant change.

SCHEDULE: Activities and milestones clarified to better show synchronization of Projects 2222 activities and deliverables for each product area.

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Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy										Date: March 2024		
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0308601N / Modeling & Simulation Support				Project (Number/Name) 2222 / Modeling & Simulation			
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
2222: Modeling & Simulation	76.534	9.154	10.994	10.927	-	10.927	10.772	10.957	11.180	11.415	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

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NMSO's efforts are organized around three product areas:

(1) Core Services: This activity provides leadership and essential planning, program and fiscal management, coordination, and execution of Navy focused M&S efforts as well as those with the other Services, the Office of Secretary of Defense (OSD), the Joint Staff, and other agencies. It also oversees initiatives to develop, deploy, and track the policies and procedures necessary to support the creation of a robust and credible capability to create synthetic environments, accurately represent platforms and systems, predict outcomes, and provide inputs to Naval decision makers and operational users in support of numerous areas, including acquisition, analysis, training, and experimentation.

(2) Community Services: This activity provides M&S community-wide services and digital ecosystems/venues, M&S policies, plans, standards, verification, validation, and accreditation (VV&A) handbooks and codes of best practice, M&S procurement guidance, collaborative digital engineering, and supports discoverability/reuse across the DON, as well as within its acquisition, analytics, training, and experimentation communities.

(3) Community Experiments and Prototypes: This activity develops and executes experiments and prototypes focused on the advancement of M&S capabilities and technology to increase M&S efficiency and/or effectiveness in key war fighting areas.

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

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: CORE SERVICES	1.113	1.344	1.329	0.000	1.329
Articles:	-	-	-	-	-

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Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0308601N / <i>Modeling & Simulation Support</i>	Project (Number/Name) 2222 / <i>Modeling & Simulation</i>

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

	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
<p>Description: This activity provides leadership and essential planning, program and fiscal management, coordination, and execution of Navy focused modeling and simulation (M&S) efforts as well as those with the other Services, the Office of Secretary of Defense (OSD), the Joint Staff, and other agencies. It also oversees initiatives to develop, deploy, and track the policies and procedures necessary to support the creation of a robust and credible capability to create synthetic environments, accurately represent platforms and systems, predict outcomes, and provide inputs to Naval decision makers and operational users in support of numerous areas, including acquisition, analysis, training, and experimentation.</p> <p>These core services support the DON and Navy-wide alignment, planning, and execution of NMSO community services and community experiments and prototypes. It oversees the Modeling and Simulation Quality Assurance (VV&A) process and integration with Navy Commands and the Fleet experiments and demonstration and includes guidelines for constructing, applying, and documenting modeling, simulation, and data.</p> <p>FY 2024 Plans:</p> <ul style="list-style-type: none"> - Continue to promote consistent application of M&S "Best Practices" and associated technologies to improve support across the DON Enterprise, DOD and other services to increase M&S efficiency and effectiveness. - Continue the execution of advancement of VV&A policy, training and education across the community. - Continue to work with DOD and other services to develop and/or refine M&S related standards to support cross-program and cross-service interoperability. - Planning, aligning and management of NMSO core services, community services and experiments and prototypes across the DON, DOD and other services. <p>FY 2025 Base Plans:</p> <ul style="list-style-type: none"> - Continue to provide Enterprise and Navy leadership to promote consistent application of M&S Best Practices and associated technologies to improve the application of M&S across the DON, DoD and other services and also to increase M&S efficiency and effectiveness. - Continue to develop and implement Navy M&S Strategic Guidance and support the creation and implementation of M&S Community Road Maps and Implementation Plans. 					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)					
<p>- Continue to work across the DON and with DoD, the other Departments and Services, and other Government Agencies to develop and promulgate implementing policy on M&S related standards to support cross-program and cross-service interoperability.</p> <p>- Continue to plan, align, manage, and monitor the fiscal status of NMSO core services, community services, and community experiments and prototypes.</p> <p>FY 2025 OCO Plans: N/A</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: No significant changes.</p>					
Title: COMMUNITY SERVICES					
Articles:					
Description: This activity provides modeling and simulation (M&S) community-wide services and digital ecosystems/venues, M&S policies, plans, standards, verification, validation, and accreditation (VV&A) handbooks and codes of best practice, M&S procurement guidance, collaborative digital engineering, and supports discoverability/reuse across the DON, as well as within its acquisition, analytics, training, and experimentation communities. Community Services promotes greater M&S use and reuse through activities which identify and prioritize M&S capability requirements, and leverage and extend M&S standards, information systems, virtual environments, and artificial intelligence in support of warfighting decision-making. It manages and maintains the Leveraging Innovations, Frameworks, and Technologies (LIFT) Environment which provides collaboration spaces for M&S Plans and Policy; Education and Training; Verification, Validation, and Accreditation (VV&A) amongst other areas. Also included in this area is the establishment and implementation of VV&A training curriculum for developers and Accreditation Agents. It also includes development and updates of Navy M&S policies and standards. Finally, it supports M&S related educational efforts such as the Naval Postgraduate School's (NPS), Modeling Virtual Environments and Simulation (MOVES) curriculum which can qualify Navy officers to fill 6202-P coded billets.					
FY 2024 Plans:					
- Continue expansion and improvements of collaboration and discoverability tools and efforts such as the Naval-Leveraging Innovations, Frameworks, and Technologies (LIFT) Environment.					
	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
	2.227	2.683	2.659	0.000	2.659
	-	-	-	-	-

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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
<p>- Continue expansion and improvements of core modeling capabilities and digital engineering ecosystems/cloud capabilities environments such as the Naval Integrated Modeling Environment (IME).</p> <p>- Continue updates of and improved access to authoritative M&S data sources such as Threat and Blue data.</p> <p>- Continue all efforts not noted as completed.</p> <p>FY 2025 Base Plans:</p> <p>- Continue to develop, promulgate, and monitor the compliance with / utilization of M&S policies, plans, standards, verification, validation, and accreditation (VV&A) handbooks and codes of best practice, M&S procurement guidance, and similar.</p> <p>- Continue to provide M&S community-wide services and digital venues (like LIFT) as well as digital engineering environments such as the Naval Integrated Modeling Environment (N-IME) to support discoverability and model reuse across the DON, as well as within its M&S acquisition, analytics, training, and experimentation communities.</p> <p>- Continue to support the collaboration of subject matter experts (SMEs) with the Navy M&S Communities to implement M&S policies, standards, VV&A, education, and reuse within their Community and to ensure that the wider Navy, DON, and DoD are aware of their M&S products and services, initiatives, processes, and standards.</p> <p>- Initiate M&S coordination and reuse through cooperative and collaborative M&S activities and working groups which identify capabilities and prioritize M&S requirements (to include artificial intelligence/machine learning, open standards, threat and blue data baselines, and interface protocols) between and across Communities.</p> <p>- Initiate enhancing the interactions between NMSO and the MOVES program and support a broader collaboration to enable the effective definition of research topics and the application of associated results.</p> <p>FY 2025 OCO Plans: N/A</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement:</p>					

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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
No significant changes.					
<p>Title: COMMUNITY EXPERIMENTS and PROTOTYPES</p> <p align="right">Articles:</p> <p>Description: This activity develops and executes experiments and prototypes focused on the advancement of modeling and simulation (M&S) capabilities and technology to increase the utility of M&S. It supports events and experiments to help determine the feasibility and applicability of innovative technical approaches, employment concepts, and proposed standards to Navy M&S. It also investigates Service-unique requirements to achieve M&S efficiency, effectiveness, and interoperability. It develops prototype tools designed to enable the access and use of operationally relevant M&S products to support Navy training, warfare assessments, and acquisition requirements focusing on supporting Navy war fighting priorities such as Long Range Fires and the implementation of the Naval Operational Architecture (NOA). Individual efforts focus on developing or evaluating approaches to optimize training, assessments and acquisition functional, mission objectives through more efficient development and use of M&S. This funding also includes efforts on areas such as virtual environments and LVC/T&E augmentation in support of warfighting decision-making.</p> <p>FY 2024 Plans:</p> <ul style="list-style-type: none"> - Improvements in the ability to model and simulate threat systems and environments that span application areas across force level analysis, high fidelity applications, digital engineering applications, and test and evaluation. - Prototype means, methods, and processes that apply artificial intelligence and/or machine learning to enhance simulation and simulation environments - Continue development of M&S capabilities to efficiently examine all domain warfighting capabilities and concepts to advanced, system of systems maritime warfighting. - Advancing cross-system and cross-service LVC interoperability and interface enhancements - Improvement and enhancements in ability to conduct physics-based modeling in support of naval application such as: fluid/structure interaction for severe conditions, dispersion of energy, multi-body interactions, multi-physics phenomena 	5.814	6.967	6.939	0.000	6.939
	-	-	-	-	-

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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
<p>- Complete the develop M&S tools, policy and processes, and Live/Virtual/Constructive laboratory infrastructure to allow the secure exchange of data enabling the effective development, modernization, and utilization of M&S Tools and Analytics and associated enterprise sandbox technologies.</p> <p>- Complete M&S development tool sets with open standards and interfaces to support priority mission capabilities and related enterprise sandbox technologies.</p> <p>- Complete Support M&S experiments and prototype events and generation of validated performance metrics, models, design, system-of-system requirements and enterprise mission areas, employing applicable enterprise sandbox technologies.</p> <p><i>FY 2025 Base Plans:</i></p> <p>- Continue to make improvements in the ability to model and simulate threat systems that span application areas across force level analysis, high fidelity applications, digital engineering applications, and test and evaluation and that include data from both the intelligence community and engineering derivations and extensions.</p> <p>- Continue Prototyping means, methods, and processes that apply artificial intelligence and/or machine learning to enhance simulation applications, simulation environments, and simulation federations.</p> <p>- Continue the development of M&S capabilities to efficiently examine all domain warfighting capabilities and concepts to advanced system, system of systems, and family of systems maritime warfighting capabilities.</p> <p>- Continue to extend enhancements in cross-system and cross-service Live, Virtual, and Constructive (LVC) simulation interoperability and interface capabilities.</p> <p>- Continue the improvements in the Navy's Improvement and enhancements in ability to conduct physics-based modeling in support of naval application such as: understanding fluid/structure interactions within severe conditions, the dispersion of energy, multi-body interactions, and multi-physics phenomena.</p> <p>- Continue the development of M&S tools, policy, and processes, and LVC laboratory and network infrastructure to allow the secure exchange of data enabling the effective development, modernization, and utilization of M&S tools and analytics and associated enterprise digital battlespace sandbox technologies.</p>					

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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
- Continue the development of M&S Complete M&S development tool sets with open standards and interfaces to support priority mission capabilities and related enterprise sandbox technologies.					
- Complete support of M&S experiments and prototype events and the generation of validated performance metrics, models, design, system-of-system requirements and enterprise mission area capabilities, employing applicable enterprise technologies.					
<i>FY 2025 OCO Plans:</i> N/A					
<i>FY 2024 to FY 2025 Increase/Decrease Statement:</i> No significant changes.					
Accomplishments/Planned Programs Subtotals	9.154	10.994	10.927	0.000	10.927

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025 Base</u>	<u>FY 2025 OCO</u>	<u>FY 2025 Total</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• RDTEN/0307577N: <i>Intelligence Mission Data (IMD)</i>	0.851	0.788	0.793	-	0.793	0.807	0.821	0.837	0.855	Continuing	Continuing
• RDTEN/0603382N/0324: <i>Adv Combat System Technology</i>	2.406	2.216	2.051	-	2.051	2.088	2.038	2.080	2.124	Continuing	Continuing

Remarks

D. Acquisition Strategy

This is a non-ACAT program. The focus of the Navy Modeling and Simulation Office's efforts is to facilitate and enable the efficient use of M&S by minimizing duplication of M&S efforts and maximize the reuse of M&S and data. The Navy's Enterprise M&S is being extended and scaled for applicability across the Department of the Navy to enable open, affordable and rapid integrated M&S capability development.

This effort synergizes with and leverages/supports other funded efforts including Intelligence Mission Data (IMD) (RDTEN/PE 0307577N), Advanced Combat Systems Tech (RDTEN/PE 0603382N/Proj 0324), and Modeling & Simulation Support (OMN/4B3N).

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy												Date: March 2024			
Appropriation/Budget Activity 1319 / 7						R-1 Program Element (Number/Name) PE 0308601N / Modeling & Simulation Support				Project (Number/Name) 2222 / Modeling & Simulation					
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
Infrastructures, integration and testing	Various	Various : Various	12.544	0.000		0.000		0.000		-		0.000	0.000	12.544	-
Analysis, policies, plans interoperability	Various	Various : Various	17.625	0.000		0.000		0.000		-		0.000	0.000	17.625	-
User interfaces, modeling modules, tactical software	Various	Various : Various	2.439	0.000		0.000		0.000		-		0.000	0.000	2.439	-
DWP-T - SYSCOMS	Various	Various : Various	1.875	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
DWP-T - Warfare Centers	WR	Various : Various	1.707	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
DWP-T - Other, Govt	Various	Various : Various	0.650	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Design (DWD) - SYSCOMS	Various	Various : Various	1.879	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Design (DWD) - Warfare Centers	WR	Various : Various	1.766	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Design (DWD) - Other, Govt	Various	Various : Various	0.662	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Applications (DWA) - SYSCOMS	Various	Various : Various	1.627	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Applications (DWA) - Warfare Centers	WR	Various : Various	1.765	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Applications (DWA) - Other, Govt	Various	Various : Various	0.662	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Core Services	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Community Services	Various	Various : Various	0.000	0.439	Nov 2022	0.360	Nov 2023	0.517	Nov 2024	-		0.517	Continuing	Continuing	Continuing
Community Experiments and Prototypes	Various	Various : Various	0.000	3.489	Nov 2022	3.545	Nov 2023	4.180	Nov 2024	-		4.180	Continuing	Continuing	Continuing
Subtotal			45.201	3.928		3.905		4.697		-		4.697	Continuing	Continuing	N/A
Remarks In FY23 and out, Modeling and Simulation support cost category alignments have been updated to better match R-2A activities and categories.															

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Appropriation/Budget Activity 1319 / 7						R-1 Program Element (Number/Name) PE 0308601N / Modeling & Simulation Support				Project (Number/Name) 2222 / Modeling & Simulation					
Support (\$ 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
Infrastructures, integration and testing	Various	Various : Various	7.305	0.000		0.000		0.000		-		0.000	0.000	7.305	-
Analysis, policies, plans interoperability	Various	Various : Various	2.770	0.000		0.000		0.000		-		0.000	0.000	2.770	-
User interfaces, modeling modules, tactical software	Various	Various : Various	1.109	0.000		0.000		0.000		-		0.000	0.000	1.109	-
Digital Warfare Platform (DWP) - SYSCOMS	Various	Various : Various	0.495	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Platform (DWP) - Warfare Centers	WR	Various : Various	0.441	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Platform (DWP) - Other, Govt	Various	Various : Various	0.165	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Design (DWD) - SYSCOMS	Various	Various : Various	0.495	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Design (DWD) - Warfare Centers	WR	Various : Various	0.440	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Design (DWD) - Other, Govt	Various	Various : Various	0.165	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Applications (DWA) - SYSCOMS	Various	Various : Various	0.496	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Applications (DWA) - Warfare Centers	WR	Various : Various	0.438	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Applications (DWA) - Other, Govt	Various	Various : Various	0.165	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Core Services	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Community Services	Various	Various : Various	0.000	1.788	Nov 2022	2.323	Nov 2023	2.779	Nov 2024	-		2.779	Continuing	Continuing	Continuing
Community Experiments and Prototypes	Various	Various : Various	0.000	2.325	Nov 2022	3.422	Nov 2023	2.137	Nov 2024	-		2.137	Continuing	Continuing	Continuing
Subtotal			14.484	4.113		5.745		4.916		-		4.916	Continuing	Continuing	N/A

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

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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			

Remarks
In FY23 and out, Modeling and Simulation support cost category alignments have been updated to better match R-2A activities and categories.

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			
Infrastructures, integration and testing	Various	Various : Various	9.740	0.000		0.000		0.000		-		0.000	0.000	9.740	-
Analysis, policies, plans interoperability	Various	Various : Various	3.592	0.000		0.000		0.000		-		0.000	0.000	3.592	-
User interfaces, modeling modules, tactical software	Various	Various : Various	1.437	0.000		0.000		0.000		-		0.000	0.000	1.437	-
Digital Warfare Platform (DWP) - SYSCOMS	Various	Various : Various	0.308	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Platform (DWP) - Warfare Centers	WR	Various : Various	0.271	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Platform (DWP) - Other, Govt	Various	Various : Various	0.113	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Design (DWD) - SYSCOMS	Various	Various : Various	0.307	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Design (DWD) - Warfare Centers	WR	Various : Various	0.270	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Design (DWD) - Other, Govt	Various	Various : Various	0.113	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Applications (DWA) - SYSCOMS	Various	Various : Various	0.318	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Digital Warfare Applications (DWA) - Warfare Centers	WR	Various : Various	0.268	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing

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

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0308601N / Modeling & Simulation Support	Project (Number/Name) 2222 / Modeling & Simulation
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Management Services (\$ 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
Digital Warfare Applications (DWA) - Other, Govt	Various	Various : Various	0.112	0.000		0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Core Services	Various	Various : Various	0.000	1.113	Nov 2022	1.344	Nov 2023	1.314	Nov 2024	-		1.314	Continuing	Continuing	Continuing
Community Services	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Community Experiments and Prototypes	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Subtotal			16.849	1.113		1.344		1.314		-		1.314	Continuing	Continuing	N/A

Remarks
In FY23 and out, Modeling and Simulation support cost category alignments have been updated to better match R-2A activities and categories.

	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	76.534	9.154		10.994		10.927		-		10.927	Continuing	Continuing	N/A

Remarks

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

Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0308601N / Modeling & Simulation Support	Project (Number/Name) 2222 / Modeling & Simulation
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Proj 2222	FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Core Services	Core Services																											
Community Services	Community Services																											
Community Experiments and Prototypes	Community Experiments and Prototypes																											

2025DON - 0308601N - 2222

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0308601N / <i>Modeling & Simulation Support</i>	Project (Number/Name) 2222 / <i>Modeling & Simulation</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 2222				
Core Services: Core Services	1	2023	4	2029
Community Services: Community Services	1	2023	4	2029
Community Experiments and Prototypes: Community Experiments and Prototypes	1	2023	4	2029