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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2024 Office of the Secretary Of Defense **Date:** March 2023

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0604790D8Z I <i>Rapid Defense Experimentation Reserve (RDER)</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	24.758	79.773	-	79.773	73.671	77.650	80.671	82.429	Continuing	Continuing
790: <i>Rapid Defense Experimentation Reserve (RDER)</i>	-	0.000	24.758	79.773	-	79.773	73.671	77.650	80.671	82.429	Continuing	Continuing

**Note**

New Start (Y/N): No

In FY 2023, the Rapid Defense Experimentation Reserve (RDER) transferred from the Rapid Prototyping Program (RPP) 0604331D8Z to a stand alone program element under the oversight of the Office of the Under Secretary of Defense for Research and Engineering (OUSDR&E).

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

The RDER PE supports core program management and integration activities necessary to plan and execute a multi-year campaign of experimentation. The RDER initiative is a whole of DoD effort focused on joint experimentation to provide rapid capabilities that address our most difficult military challenges. The Secretary of Defense established the RDER initiative in the Defense Planning Guidance for Fiscal Year 2023-2027, to enable multi-component experimentation through a campaign of learning that accelerates technology transition and scale-up with the Services through the Deputy’s Management Action Group. This experimentation is executed using validated mission vignettes to assess Measures of effectiveness and measures of performance identified in Modeling and Simulation. Integrated Assessment plans are developed for each prototype in the experiment and the data is collected thru a campaign of experimentation utilizing Service demonstration venues such as Project Convergence or Combatant Command Training Exercises such as Northern Edge or Valliant Shield. The final prototype assessment will consist of a body of evidence that consists of Modeled data, range or exercise performance, and doctrine, organization, training, materiel, leadership and education, personnel, and facilities (DOTMLPF) issues. This assessment will be presented to the Joint Requirements Oversight Council (JROC) and the Deputy Secretary of Defense (DEPSECDEF) Deputy Management Action Group (DMAG) to inform transition or acceleration decisions for the department.

The RDER program focuses on a campaign of joint experimentation on rapid capabilities that address our most complex military challenges. The Secretary of Defense established RDER in the Defense Planning Guidance to enable multi-component joint experimentation through a campaign of learning and to establish a body of evidence to support rapid adoption by the Services. RDER enables the Services, agencies, industry, and other organizations to identify “best of breed” capabilities to be prototyped in large-scale joint experiments and validate and/or refine the Joint Warfighting Concept (JWC).

OUSDR&E’s process for incubating promising prototypes starts with a novel experimental design based on a web of interconnected systems addressing specific Defense Planning Scenarios. This approach is unique from other experimentation that focuses on determining individual system efficacy. Additionally, the experimental design is unique in using the web of systems to explore new warfighting concepts that capitalize on contributions of multiple Services as a true joint force. The experimentation yields live data that the USD(R&E) analyzes against the performance predicted in modelling and simulation.

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OUSD(R&E) manages the Department’s multiple RDER experimentation events and conducts integration activities with the Joint Force. OUSD(R&E) recommends new projects, reviews project progress, and incorporates the most promising innovative prototypes into existing exercise venues such as: Project Convergence, Valiant Shield, Talisman Sabre, Grey Flag, Joint Battle Problem, and TREX. RDER utilizes funding to plan, integrate, and oversee joint experiments; provide assessments on project viability; and, deliver the results to the DMAG to facilitate decisions on transitioning promising capabilities with the Services.

<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	24.758	79.773	-	79.773
Total Adjustments	0.000	24.758	79.773	-	79.773
• Congressional General Reductions	-	-45.242			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	70.000			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-	-	8.773	-	8.773
• RDER Realignment from 0604331D8Z, Project 073	-	-	71.000	-	71.000

**Change Summary Explanation**

FY 2023 includes a congressional transfer of \$70.000 million from the Rapid Prototyping Program (RPP), 0604331D8Z, Project 073, and a congressional reduction of \$45.242 million.

FY 2024 includes a funding re-alignment of \$71.000 million from the Rapid Prototyping Program (RPP), 0604331D8Z, a program adjustment increase of \$10.000 million to support the Rapid Defense Experimentation Reserve (RDER) priorities, a reduction of \$1.545 million to support the Historically Black Colleges and Universities/Minority Serving Institutions program, which is a priority of the Under Secretary of Defense for Research and Engineering (USD(R&E)), a reduction of \$0.074 million to support departmental priorities, and an increase of \$0.392 million for an economic assumption inflation.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Office of the Secretary Of Defense										<b>Date:</b> March 2023		
<b>Appropriation/Budget Activity</b> 0400 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0604790D8Z / Rapid Defense Experimentation Reserve (RDER)				<b>Project (Number/Name)</b> 790 / Rapid Defense Experimentation Reserve (RDER)			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
790: Rapid Defense Experimentation Reserve (RDER)	-	0.000	24.758	79.773	-	79.773	73.671	77.650	80.671	82.429	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

In FY 2023, Congress transferred the Rapid Defense Experimentation Reserve RDER from the Rapid Prototyping Program (RPP) 0604331D8Z to a standalone program element under the oversight of the Office of the Under Secretary of Defense for Research and Engineering (OUSD(R&E)).

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

The RDER program focuses on a campaign of joint experimentation on rapid capabilities that address our most complex military challenges. The Secretary of Defense established RDER in the Defense Planning Guidance to enable multi-component joint experimentation through a campaign of learning and to establish a body of evidence to support rapid adoption by the Services. RDER enables the Services, agencies, industry, and other organizations to identify “best of breed” capabilities to be prototyped in large-scale joint experiments and validate and/or refine the Joint Warfighting Concept (JWC).

OUSD(R&E)’s process for incubating promising prototypes starts with a novel experimental design based on a web of interconnected systems addressing specific Defense Planning Scenarios. This approach is unique from other experimentation that focuses on determining individual system efficacy. Additionally, the experimental design is unique in using the web of systems to explore new warfighting concepts that capitalize on contributions of multiple Services as a true joint force. The experimentation yields live data that the USD(R&E) analyzes against the performance predicted in modelling and simulation.

OUSD(R&E) manages the Department’s multiple RDER experimentation events and conducts integration activities with the Joint Force. OUSD(R&E) recommends new projects, reviews project progress, and incorporates the most promising innovative prototypes into existing exercise venues such as: Project Convergence, Valiant Shield, Talisman Sabre, Grey Flag, Joint Battle Problem, and TREX. RDER utilizes funding to plan, integrate, and oversee joint experiments; provide assessments on project viability; and, deliver the results to the Deputy Secretary of Defense management action group to facilitate decisions on transitioning promising capabilities with the Services.

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

	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<b>Title:</b> Rapid Defense Experimentation Reserve (RDER) Program Management	0.000	2.758	9.273
<b>Description:</b> Program Management includes the oversight of the execution of prototypes resourced with the Services to address required capabilities. This effort includes the ideation, identification and evaluation required to review service candidates for execution. Activities include monitoring new technologies through the innovation stakeholder community, which includes the			

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<p>Service laboratories, industry, academia, and federally funded research and development centers and assess “best of breed” prototypes integrated in joint experimentation venues.</p> <p><b>FY 2023 Plans:</b> RDER establishes and coordinates experimentation venues that provide interoperability for multi-component defense planning scenarios and mitigate potential risks of incompatibility at the joint level. Program Managers (PMs) oversees the cost, schedule, and performance of the prototypes within the Joint Warfighting Concept (JWC) functional battles: Fires; Command and Control (C2), Information Assurance (IA), Contested Logistics and Space and Cyber. RDER PMs collaborate with system developers to select risk reduction experiments that meet the technology maturation milestones for the multi-component experiments at Northern Edge 2023 and Gray flag exercises. RDER PMs provide program oversight and prepare experimentation plans for each prototype technology mapped to specific mission threads..</p> <p><b>FY 2024 Plans:</b> RDER will complete the evaluation of FY 2023 candidates as well as initiate the execution of FY 2024 experimentation. This includes plans to establish and coordinate experimentation venues that provide interoperability for multi-component defense planning scenarios and mitigate potential risks of incompatibility at the joint level. PMs plan to oversee the cost, schedule, and performance of prototypes within the four JWC functional battles: Fires; C2; IA; Contested Logistics and Space and Cyber. RDER PMs plan to collaborate with system developers to select risk reduction experiments that meet the technology maturation milestones for the multi-component experiments at Project Convergence 2024, Valiant Shield 2024, Talisman Sabre, Grey Flag 2024, Joint Battle Problem 2024, and TREX 2024. RDER PMs provide program oversight and prepare assessment and experimentation plans for each prototype technology.</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> FY 2024 increase will include 2 years of candidate prototypes being concurrently evaluated requiring a funding increase to successfully execute. Funding increases to account for additional resources required.</p>				
<p><b>Title:</b> Experiments Integration</p> <p><b>Description:</b> RDER coordinates with the exercise planning cells at the Combatant Commands to conduct experiments. Technical readiness reviews evaluate system design requirements in order to define requirements for participation into multiple experimentation venues. RDER reviews prototypes system requirements and maps each within the network architectures for data dissemination and collection. RDER identifies risks that would impede interoperability at multi-component experiment venues. This supports analysis with FFRDC/UARC's to evacuate the utility of Sensor or Kill webs for the CCMD experimentation team to evaluate.</p> <p><b>FY 2023 Plans:</b></p>		0.000	5.000	11.500

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<p>Funding integrates prototypes into joint experimentation events to include Northern Edge 2023 and Grey Flag during the fiscal year. The effort support operational readiness review for each technology which includes safety review, Authority to Operate, and compliance standards to support technical maturity. This effort is executed for each experimentation event within the campaign series, ensuring Joint objectives and data collection is being properly documented.</p> <p><b>FY 2024 Plans:</b> Funding integrates prototypes into multiple experimentation events to include Project Convergence 2024, Valiant Shield 2024, Talisman Sabre, Grey Flag 2024, Joint Battle Problem 2024, and TREX 2024. The effort support operational readiness review for each technology which includes safety review, Authority to Operate, and compliance standards to support technical maturity. This effort is executed for each experimentation event within the campaign series.</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> FY 2024 increase will include 2 years of candidate prototypes being concurrently evaluated requiring a funding increase to successfully execute. Funding increases to account for additional resources required.</p>			
<p><b>Title:</b> Experiment Design</p> <p><b>Description:</b> Resources provide the analysis to support the Combatant Commands establishing the system-of-system level architecture for integrating multiple prototypes into a single experimentation event. For each experimentation event, RDER evaluates each system level design to establish a government reference architecture that seamlessly employs prototype technologies at multiple experimentations geolocated across multiple states. Measures of effectiveness and measures of performance are established to be collected at each event. These Integrated assessment plans are developed for each individual technology.</p> <p><b>FY 2023 Plans:</b> In FY 2023, RDER plans to employ government reference architecture for each experimentation venue to measure prototype interoperability at Northern Edge 2023 and Grey Flag 2023. In FY 2023, individual prototypes will be integrated into the experiment concept for each given exercise. The Integrated Assessment plan will determine the requirements for evaluation that are passed to the CCMD planning cells to define the experiment collection goals..</p> <p><b>FY 2024 Plans:</b> In FY 2024, RDER plans to employ government reference architecture for each experimentation venue to measure prototype interoperability at Project Convergence 2024, Valiant Shield 2024, Talisman Sabre, Grey Flag 2024, Joint Battle Problem 2024, and TREX 2024. RDER evaluates and validates the technical maturity of each interface with the experimentation architectural</p>	0.000	2.500	11.500

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
design utilizing architectural analysis tools. The final experimentation architecture is utilize to evaluate performance of the warfighter kill chains.  <b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> FY 2024 increase will include 2 years of candidate prototypes being concurrently evaluated requiring a funding increase to successfully execute. Funding increases to account for additional resources required.				
<b>Title:</b> Experimentation Execution  <b>Description:</b> The execution phase consists of the collection of experimental system performance that is evaluated against the Measures of effectiveness and measures of performance that have been previously established. RDER establishes a data collection command and control network architecture to monitor the behavioral analysis of prototypes during an experimental event. Data is collected and stored for post event analysis. RDER deploys an experimentation unit to provide onsite observation, oversight, and governance during a prototype experiment event. These evaluation teams are required at each data collection node or technology location involved in the experiment.  <b>FY 2023 Plans:</b> In FY 2023, RDER shall deploy a Data Experimentation White Cell (DEWC) to act as a data collection command and control element for experimental prototypes during Northern Edge 2023 and Grey Flag 2023. This function provide personnel to maintain operational command and control of each prototype perform experimentation. Personnel are located onsite with the prototype and deployed operational cell to assess the performance of the capability. The functional cell acquires the operational accreditation for the DEWC each experiment and acquires the automated tools to produce daily quick look analysis for each event. Operation updates and reports are briefed daily to OSD, Services, and Combatant Command. These technologies are being operated on operational military networks and require the requisite authorities to operate.  <b>FY 2024 Plans:</b> In FY 2023, RDER shall deploy a Data Experimentation White Cell (DEWC) for experimental prototype data collection during Project Convergence 2024, Valiant Shield 2024, Talisman Sabre 2024, Grey Flag 2024, Joint Battle Problem 2024, and TRESX 2024. RDER shall procure an additional command and control facility to support the experimentation that are geographically dispersed. This function provide personnel to maintain operational command and control of each prototype perform experimentation. Personnel are located onsite with the prototype and deployed operational cell to assess the operational readiness of the capability. The functional cell acquires the operational accreditation for the DEWC each experiment and acquires the automated tools to produce daily quick look analysis for each event. Operation updates and reports are briefed daily to OSD, Services, and Combatant Command.  <b>FY 2023 to FY 2024 Increase/Decrease Statement:</b>		0.000	5.000	12.500

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Office of the Secretary Of Defense		<b>Date:</b> March 2023		
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
FY 2024 increase will include 2 years of candidate prototypes being concurrently evaluated requiring a funding increase to successfully execute. Funding increases to account for additional resources required.				
<p><b>Title:</b> Opposing Force (OPFOR) Threat Emulation</p> <p><b>Description:</b> OPFOR Threat Emulation establishes a plausible, flexible military force representing a composite of varying capabilities of actual adversary forces within an experiment. Resources provide a threat informed and operationally relevant environment to conduct experiments.</p> <p><b>FY 2023 Plans:</b> In FY 2023, OPFOR establishes a fully informed, multi-domain, operationally relevant environment with emulations that include threat emitters, maritime and ground-based targets, decoys, and communications nodes against projects. This effort acquires threat representative targets to establish a relevant environment for each technology that has been identified during the experimentation planning phase. Personnel and platforms may serve as to act as the Opposition Force during the experiment. This effort also coordinates all logistical shipping and storage requirements for threat representative targets to forward deployed events.</p> <p><b>FY 2024 Plans:</b> In FY 2024, OPFOR emulations expected to continue with threat emitters, maritime and ground-based targets, decoys, and communications nodes necessary to create a fully threat informed, multi-domain, operationally relevant environment for projects across Project Convergence 2024, Valiant Shield 2024, Talisman Sabre, Grey Flag 2024, Joint Battle Problem 2024, and TREX 2024. This functional component conducts a threat analysis to identify and acquire threat representative targets to establish a relevant environment for the experiment. The entity provide personnel to act as OPFOR that would serve as the viable force during the experiment. The entity is coordinates for all the communication equipment required and infrastructure that is required to integrate into the services tactical networks. This effort also coordinates all logistical shipping and storage requirements for threat representative targets to forward deployed events.</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> FY 2024 increase will include 2 years of candidate prototypes being concurrently evaluated requiring a funding increase to successfully execute. Funding increases to account for additional resources required.</p>		0.000	6.000	20.500
<p><b>Title:</b> Data Collection and Assessment</p> <p><b>Description:</b> This effort supports the manpower required for data collection teams. The collection teams record the joint operational data to assess the measurements of performance and measurements of effectiveness of a prototype in a multi-component experimentation venue. It resources personnel who are co-located at multiple experimentation locations to include</p>		0.000	3.500	14.500

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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>		<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024</b>
<p>experiment venues, UARC/FFRDC's in the Continental United States, as well as at the CCMD headquarters. Data collection teams are required for each individual technology being evaluated at each event.</p> <p><b>FY 2023 Plans:</b> RDER performs data collection on projects at Northern Edge 2023 and Grey Flag 2023. Collects unfiltered data and performs the analysis to assess the operational utility of the technology against the needs of the warfighter. The team provides an independent assessment of each report daily during an experimentation. This includes the analytical analysis of the data. An analysis team will provide a report that will include experimentation findings and recommendations.</p> <p><b>FY 2024 Plans:</b> RDER plans perform data collection on projects executing experiments at Project Convergence 2024, Valiant Shield 2024, Talisman Sabre, Grey Flag 2024, Joint Battle Problem 2024, and TREX 2024. The team provides an independent assessment of each report daily during an experimentation. This includes acquiring the analysis tools for each prototype to support the analytical analysis of the data. An analysis team will provide a report that would provide recommendation on experimentation findings and recommendations.</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> FY 2024 increase will include 2 years of candidate prototypes being concurrently evaluated requiring a funding increase to successfully execute. Funding increases to account for additional resources required.</p>				
<b>Accomplishments/Planned Programs Subtotals</b>		0.000	24.758	79.773
<b>C. Other Program Funding Summary (\$ in Millions)</b>				
N/A				
<b>Remarks</b>				
N/A				
<b>D. Acquisition Strategy</b>				
RDER leverages the Services' and Defense Agencies' most efficient and effective acquisition approach for experimentation and program Management of oversight of technologies. This includes using Other Transaction Authorities and new or existing contract vehicles.				

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Office of the Secretary Of Defense** **Date:** March 2023

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<b>Support (\$ in Millions)</b>				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 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
Experiments Integration	MIPR	Johns Hopkins University Applied Physics Laboratory : Laurel, MD	-	-		2.000	Mar 2023	4.000	Nov 2023	-		4.000	Continuing	Continuing	-
Experimentation Integration	MIPR	Naval Surface Warfare Center Dahlgren Division (NSWCDD), : Dahlgren, VA	-	-		0.700	Mar 2023	5.000	Nov 2023	-		5.000	Continuing	Continuing	-
Experiments Integration	MIPR	MULTI : MULTI	-	-		2.300	Jun 2023	2.500	Mar 2024	-		2.500	Continuing	Continuing	-
Experiment Design	MIPR	Naval Surface Warfare Center Dahlgren Division (NSWCDD), : Dahlgren, VA	-	-		1.200	Mar 2023	7.500	Nov 2023	-		7.500	Continuing	Continuing	-
Experiment Design	MIPR	MULTI : MULTI	-	-		1.300	Jun 2023	4.000	Mar 2024	-		4.000	Continuing	Continuing	-
Experimentation Execution	MIPR	Johns Hopkins University Applied Physics Laboratory : : Laurel, MD	-	-		4.500	Mar 2023	5.000	Nov 2023	-		5.000	Continuing	Continuing	-
Experimentation Execution	MIPR	MULTI : MULTI	-	-		0.500	Jun 2023	7.500	Mar 2024	-		7.500	Continuing	Continuing	-
Opposing Force (OPFOR)	MIPR	Naval Surface Warfare Center Port Hueneme (NSWCPH), : Port Hueneme, CA	-	-		3.000	Mar 2025	6.000	Nov 2023	-		6.000	Continuing	Continuing	-
OPFOR	MIPR	GSA FAS AAS FEDSIM (QF0B), : Washington, D.C.	-	-		0.950	Mar 2023	8.000	Nov 2023	-		8.000	Continuing	Continuing	-
OPFOR	MIPR	MULTI : MULTI	-	-		2.050	Jun 2023	6.500	Mar 2024	-		6.500	Continuing	Continuing	-
Data Collection and Assessment	MIPR	Naval Surface Warfare Center Dahlgren Division	-	-		0.900	Mar 2023	6.500	Nov 2023	-		6.500	Continuing	Continuing	-



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**Exhibit R-4, RDT&E Schedule Profile:** PB 2024 Office of the Secretary Of Defense **Date:** March 2023

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Rapid Defense Experimentation Reserve (RDER)	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
<b>Program Management</b>																								
Experiment Preparation and Kickoff	█				█																			
Experiment Integration and risk reduction	█	█			█	█			█	█														
Experimentation Execution and Assessment	█	█			█	█			█	█														
<b>Experimentation Integration</b>																								
Experiment Preparation and Kickoff	█				█																			
Experiment Integration and risk reduction	█	█			█	█			█	█														
Experimentation Execution and Assessment	█	█			█	█			█	█														
<b>Experiment Design</b>																								
Experiment Preparation and Kickoff	█				█																			
Experiment Integration and risk reduction	█	█			█	█			█	█														
Experimentation Execution and Assessment	█	█			█	█			█	█														
<b>Experimentation Execution</b>																								
Experiment Preparation and Kickoff	█				█																			
Experiment Integration and risk reduction	█	█			█	█			█	█														
Experimentation Execution and Assessment	█	█			█	█			█	█														
<b>OPFOR</b>																								
Experiment Preparation and Kickoff	█				█																			
Experiment Integration and risk reduction	█	█			█	█			█	█														
Experimentation Execution and Assessment	█	█			█	█			█	█														
<b>Data Collection and Assessment</b>																								
Experiment Preparation and Kickoff	█				█																			
Experiment Integration and risk reduction	█	█			█	█			█	█														
Experimentation Execution and Assessment	█	█			█	█			█	█														

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 Office of the Secretary Of Defense		<b>Date:</b> March 2023
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Rapid Defense Experimentation Reserve Program Management</i></b>				
Program Management	1	2023	4	2025
<b><i>Rapid Defense Experimentation Reserve Experiments Integration</i></b>				
Experiments Integration	1	2023	4	2025
<b><i>Rapid Defense Experimentation Reserve Experiment Design</i></b>				
Experiment Design	1	2023	4	2025
<b><i>Rapid Defense Experimentation Reserve Experimentation Execution</i></b>				
Experimentation Execution	1	2023	4	2025
<b><i>Rapid Defense Experimentation Reserve Opposing Force (OPFOR) Threat Emulation</i></b>				
Opposing Force (OPFOR) Threat Emulation	1	2023	4	2025
<b><i>Rapid Defense Experimentation Reserve Data Collection and Assessment</i></b>				
Data Collection and Assessment	1	2023	4	2025