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

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>
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COST (\$ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	64.944	0.000	64.944	70.698	72.694	78.612	79.349	Continuing	Continuing
674212: <i>NLCC Decision Support System</i>	-	0.000	0.000	9.675	0.000	9.675	4.910	3.671	3.672	3.805	Continuing	Continuing
675029: <i>Strategic Mission Planning &amp; Execution System</i>	-	0.000	0.000	55.269	0.000	55.269	65.788	69.023	74.940	75.544	Continuing	Continuing

**Note**

In FY24, the following efforts will be transferred to PE 0304100F, Strategic Mission Planning and Execution System (SMEPS): PE 0101324F, Integrated Strategic Planning & Analysis Network (ISPAN) and PE 0301112F Nuclear Planning & Execution System (NPES) / Decision Support Service (DSS).

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

This budget line funds the Strategic Mission Planning and Execution System (SMPES). SMPES will be the USAF and U.S. strategic nuclear forces' principal nuclear planning and analysis tool; including access to consequence analysis tools and deliberate, adaptive, and crisis action planning for strategic deterrence. SMPES consolidates the following six independently managed programs into one system: 1) Integrated Strategic Planning and Analysis Network (ISPAN); 2) Global Adaptive Planning Collaborative Information Environment (GAP CIE); 3) Decision Support Service (DSS); 4) Nuclear Planning and Execution System (NPES); 5) Force Status Readiness (FSR); and 6) Force Survivability Analysis and Management (FSAM). Funding from legacy PECS 0101324F ISPAN, 0301112F NPES and DSS, have been consolidated into PEC 0304100F SMPES.

ISPAN provides full-spectrum global strike, and coordinated space, missile defense, and information operations capabilities to meet deterrent and decisive national security objectives. Contemporary and legacy versions of ISPAN create one of the most complex classified computer systems in the Department of Defense, and the only national force level planning system. ISPAN Increment 5 (INC 5) modernizes the Mission Planning and Analysis System (MPAS) software that develops Joint Staff Level I - IV nuclear and conventional attack options for national and theater requirements, while conducting continuous agile software development for classified and unclassified networks. Located at U.S. Strategic Command (USSTRATCOM), ISPAN supports the Unified Command Plan and Nuclear Posture Review. In coordination with other Combatant Commands, Services, and appropriate U.S. Government agencies, USSTRATCOM provides operational space support, integrated missile defense, global command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR) to enable the joint warfighter to deter and detect strategic attacks against the U.S. and its allies.

GAP-CIE is a web-based, collaborative, and joint operation planning (JOP) application that enables combatant commanders and strategic leaders the ability to rapidly integrate course of action development. GAP-CIE includes two functional components that enable subject matter experts to instantaneously share situational awareness perspectives. The GAP-CIE planning environment provides deliberative planning, crisis action planning, and decision support tools, and the Global Situational Awareness Tool (GSAT) which supports combatant commanders' ability to view geospatial, temporal, and relational planning data. Through GAP-CIE, combatant command staffs, subordinate commands, and other agencies work in partnership to plan operations, develop orders, and share awareness dashboards online.

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2024 Air Force	<b>Date:</b> March 2023
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<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>
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DSS will develop and deliver software that directly supports strategic leaders. DSS will improve situational awareness, aggregate strategic-level information, and provide a common visual display that is resilient and mobile.

NPES develops and delivers a software system to conduct nuclear command and control (NC2) adaptive planning and execution at fixed and mobile sites in real time. NPES Legacy encompassed cyber related investments necessary for a successful operational application/system delivery, for fixed command centers, distributive sites, and mobile platforms. NPES Recapitalization (Recap) succeeded NPES Legacy and provides communication interfaces with software development, data management, software re-engineering and operations to include requirements validation and training.

FSR provides decision-makers and planners with real-time status of U.S. nuclear forces. FSR is the focal point of the Command and Control Enterprise Database (C2EDB). Through FSR, C2EDB stores information related to the USSTRATCOM NC2 mission and enables combatant commanders the ability to monitor the statuses of missiles, aircraft, submarines, key personnel, and other items.

FSAM enables the Warning System Controller (WSC) to track the status of all USSTRATCOM assigned strategic aircraft and missiles. Through FSAM, WSC provides additional capabilities to USSTRATCOM including, but not limited to: 1) tracking the location of hostile threat aircraft and missile systems; 2) processing and displaying potential US force vulnerabilities; and 3) providing force management/force survival (FM/FS) analysis tools to USSTRATCOM senior leaders.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon systems capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in PE 0605830F.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

<b>B. Program Change Summary (\$ in Millions)</b>	<b><u>FY 2022</u></b>	<b><u>FY 2023</u></b>	<b><u>FY 2024 Base</u></b>	<b><u>FY 2024 OCO</u></b>	<b><u>FY 2024 Total</u></b>
Previous President's Budget	0.000	0.000	0.000	0.000	0.000
Current President's Budget	0.000	0.000	64.944	0.000	64.944
Total Adjustments	0.000	0.000	64.944	0.000	64.944
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	64.944	0.000	64.944

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Air Force										<b>Date:</b> March 2023		
<b>Appropriation/Budget Activity</b> 3600 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0304100F / Strategic Mission Planning & Execution System (SMPES)				<b>Project (Number/Name)</b> 674212 / NLCC Decision Support System			
<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>
674212: NLCC Decision Support System	-	0.000	0.000	9.675	0.000	9.675	4.910	3.671	3.672	3.805	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

**Note**

In FY24, efforts in PE 0301112F Nuclear Planning & Execution System (NPES) /Decision Support Service (DSS), will be transferred to PE 0304100F, Strategic Mission Planning and Execution Systems (SMPES).

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

This program is NOT a new start. In FY 2024, PE 0301112F, Nuclear Planning & Analysis Network (NPES), Project 674212, NLCC Decision Support Service efforts were transferred to PE 0304100F, Strategic Mission Planning & Execution System (SMPES), Project 674212, NLCC Decision Support Service, aligning legacy PEs under single PE to begin SMPES integration efforts. This budget line funds the National Leadership Command Capability (NLCC) Decision Support Service (DSS). NLCC DSS is a Nuclear Command and Control software application that directly supports decision-making calculus. DSS will provide a common visual display to bolster national-level situational awareness and enhance support to strategic-level decision making.

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

	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>
<b>Title:</b> DSS Development	-	0.000	9.675	0.000	9.675
<b>Description:</b> Funds will be used for the development, integration, and test activities of NLCC DSS					
<b>FY 2023 Plans:</b> See PE 0301112F, Nuclear Planning & Execution System (NPES), Project 674212, Decision Support Service (DSS).					
<b>FY 2024 Base Plans:</b> Activities will include, but are not limited to the following: -Will complete data integration and rapid fielding initiatives -Will refine prototype development that includes high availability failover capability to support NC2 operational requirements -Will further development, testing, and implementation of capability requirements for continuity of operations and continuity of government communications					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Air Force	<b>Date:</b> March 2023
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<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>	<b>Project (Number/Name)</b> 674212 / <i>NLCC Decision Support System</i>
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<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
-Will conduct integrated government developmental test & evaluation and operational test & evaluation to characterize performance and cybersecurity posture  <b>FY 2024 OCO Plans:</b> N/A  <b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> Funding transferred from PE 0301112F to PE 0304100F.					
<b>Accomplishments/Planned Programs Subtotals</b>	-	0.000	9.675	0.000	9.675

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

N/A

**Remarks**

**D. Acquisition Strategy**

DSS has implemented the Agile DevOps Continuous Integration / Continuous Delivery (CI/CD) acquisition strategy with development contracts that are negotiated and awarded in a competitive environment. DSS will consider the best contract options to implement the Agile DevOps CD/CI strategy. Other activities are also accomplished through the use of various contracting vehicles such as Military Interdepartmental Purchase Requests (MIPRs).

DSS is in the Software Acquisition Pathway (SWaP) since its Acquisition Decision Memorandum was signed on 11 May 22, entering in the Execution Phase, to accelerate delivery of a finished product.

Program management for the DSS program is under direction of PEO Digital, located at Hanscom AFB, MA. The Air Force Life Cycle Management Center (AFLCMC) located at Hanscom AFB, MA and the 55th Contracting Squadron at Offutt AFB, NE are the contracting authorities for the DSS program. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Air Force												Date: March 2023			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
3600 / 7				PE 0304100F / Strategic Mission Planning & Execution System (SMPES)				674212 / NLCC Decision Support System							
Product Development (\$ in Millions)				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
Rouge Blue Software Factory (RBSF) Development	C/T&M	Various : Bellevue, Offutt AFB, NE	-	-		-		1.072	Jan 2024	0.000		1.072	Continuing	Continuing	-
Visualization Development	C/CPIF	Various : Bellevue, Offutt AFB, NE	-	-		-		6.724	Jan 2024	0.000		6.724	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		7.796		0.000		7.796	Continuing	Continuing	N/A
Support (\$ in Millions)				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
DevOps Support	C/FFP	John Hopkins Univ/ Various : Bellevue, Offutt AFB, NE	-	-		-		0.250	Jan 2024	-		0.250	Continuing	Continuing	-
IT Support	C/CPAF	Various : Bellevue, Offutt AFB, NE	-	-		-		0.120	Jun 2024	-		0.120	Continuing	Continuing	-
Engineering Support	SS/FFP	MITRE : Bellevue, Offutt AFB, NE	-	-		-		0.404	Nov 2023	-		0.404	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		0.774		-		0.774	Continuing	Continuing	N/A
Management Services (\$ in Millions)				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
Program Management Ops Support	C/CPIF	Various : Bellevue, Offutt AFB, NE	-	-		-		1.105	Feb 2024	-		1.105	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		1.105		-		1.105	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		-		9.675		0.000		9.675	Continuing	Continuing	N/A

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<b>Exhibit R-3, RDT&amp;E Project Cost Analysis:</b> PB 2024 Air Force							<b>Date:</b> March 2023			
<b>Appropriation/Budget Activity</b> 3600 / 7			<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>			<b>Project (Number/Name)</b> 674212 / <i>NLCC Decision Support System</i>				
	<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>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>	

**Remarks**



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**Exhibit R-4, RDT&E Schedule Profile: PB 2024 Air Force** **Date:** March 2023

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>	<b>Project (Number/Name)</b> 674212 / <i>NLCC Decision Support System</i>
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	FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<div style="border: 1px solid black; padding: 5px;">                     Delivery of an operationally available article of software for user evaluation and preliminary use. Supporting evens include Developmental Evaluation.                 </div>	<div style="background-color: black; width: 100px; height: 15px; margin: 0 auto;"></div>																											

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 Air Force		<b>Date:</b> March 2023
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>	<b>Project (Number/Name)</b> 674212 / <i>NLCC Decision Support System</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>DSS Strategic Study</i></b>				
Study to evaluate DSS in the context of NC2 and National architecture in the Capitol region. Supporting events include contract preparation and acquisition documentation preparation.	1	2022	1	2022
<b><i>Prototype Development</i></b>				
Development of a software prototype of DSS. Iteratively developed with customer feedback on a 2 week sprint basis. Supporting events include System development	1	2022	1	2022
<b><i>Limited Operational Capability (LOC)</i></b>				
Demonstration of a working prototype of the system in the relevant network environment to prove out the basic concepts and strategy. Supporting events include Developmental Technical Testing.	2	2022	3	2022
<b><i>Software Acquisition Pathway</i></b>				
Acquisition strategy approval, signed ADM and placement on the Software Acquisition Pathway. Supporting events include Developmental Evaluation	3	2022	4	2028
<b><i>Software Acquisition Pathway Continuous Software Delivery</i></b>				
Continuous development and delivery of working software on a 2-week sprint cadence. Continuous feedback is implemented through customer channels..	3	2022	4	2028
<b><i>Minimum Viable Product (MVP)</i></b>				
Delivery of an operationally available article of software for user evaluation and preliminary use. Supporting evens include Developmental Evaluation.	4	2023	4	2024

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Air Force										<b>Date:</b> March 2023		
<b>Appropriation/Budget Activity</b> 3600 / 7					<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>				<b>Project (Number/Name)</b> 675029 / <i>Strategic Mission Planning &amp; Execution System</i>			
<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>
675029: <i>Strategic Mission Planning &amp; Execution System</i>	-	0.000	0.000	55.269	0.000	55.269	65.788	69.023	74.940	75.544	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Program is NOT a new start. In FY 2024, PE 0101324F, Integrated Strategic Planning and Analysis Network (ISPAN), Project 675029, ISPAN Increment 5, PE 0301112F and Nuclear Planning & Execution Network (NPES), Project 673768, NPES Recapitalization, efforts were transferred to PE 0304100F, Strategic Mission Planning and Execution System (SMPES), Project 675029, Strategic Mission Planning and Execution System (SMPES), aligning legacy PEs under single PE to begin SMPES integration efforts.

SMPES will be the USAF and U.S. strategic nuclear forces' principal nuclear planning and analysis tool for accessing consequence analysis tools and strategic deterrence. SMPES consolidates the following six independently managed programs into one system: 1) Integrated Strategic Planning and Analysis Network (ISPAN); 2) Global Adaptive Planning Collaborative Information Environment (GAP CIE); 3) Decision Support Service (DSS); 4) Nuclear Planning and Execution System (NPES); 5) Force Status Readiness (FSR); and 6) Force Survivability Analysis and Management (FSAM).

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

	<b>FY 2022</b>	<b>FY 2023</b>	<b>FY 2024 Base</b>	<b>FY 2024 OCO</b>	<b>FY 2024 Total</b>
<b>Title:</b> Development	0.000	0.000	55.269	0.000	55.269
<b>Description:</b> Funds will be used for the development, integration, test, and fielding activities of NC3 enterprise solutions					
<b>FY 2023 Plans:</b> Activities supported with FY23 funding included in PE 0301112F and 010324F.					
<b>FY 2024 Base Plans:</b> Activities will include, but are not limited to the following: -Will field activities to develop software architecture and enable software acquisition pathway enhancement -Will produce new software capability to enable the user representatives to conduct operational testing & evaluation -Will enhance efficiency by dedicating 30% of funding on the development and implementation of enterprise solutions -Will continue pursuing software acquisition pathways for development and fielding activities for software architecture					

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

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>	<b>Project (Number/Name)</b> 675029 / <i>Strategic Mission Planning &amp; Execution System</i>
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**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
-Will enhance cybersecurity and continue the lifecycle procurement of commercial based hardware and software components -Will refine prototype development that includes high availability failover capability to support NC2 operational requirements -Will conduct integrated government developmental test & evaluation and operational test & evaluation to characterize performance and cybersecurity posture -Will further development, testing, and implementation of capability requirements for continuity of operations and continuity of government communications -Will refine and implement cybersecurity requirements, situational awareness picture development, incorporation of classified capabilities, and integration into NPES architecture  <b>FY 2024 OCO Plans:</b> N/A  <b>FY 2023 to FY 2024 Increase/Decrease Statement:</b> Funding transferred from PE 0101324F, Integrated Strategic Planning & Analysis Network (ISPAN) and 0301112F to PE 0304100F, Nuclear Planning & Execution System (NPES).					
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	0.000	55.269	0.000	55.269

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

<u>Line Item</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024 Base</u>	<u>FY 2024 OCO</u>	<u>FY 2024 Total</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• OPAF 03 833560: <i>Integrated Strat Plan &amp; Analy Network (ISPAN)</i>	-	-	3.850	0.000	3.850	7.353	6.421	7.102	9.722	Continuing	Continuing

**Remarks**

**D. Acquisition Strategy**

The acquisition strategy builds agile software engineering solutions and modification of existing capabilities using an evolutionary acquisition approach to standardize SMPES. SMPES will leverage commercial best practices of Agile DevOps to integrate 6 systems into a system of services construct. SMPES operates under authority FY20 NDAA, Section 800, Software Acquisition Pathway.

The SMPES program will implement Agile DevOps Continuous Integration / Continuous Delivery (CI/CD) to develop and modernize software for the combatant commanders; producing a secure software development environment located in existing space at Offutt AFB, NE. Software development environment will meet

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Air Force	<b>Date:</b> March 2023
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<b>Appropriation/Budget Activity</b>	<b>R-1 Program Element (Number/Name)</b>	<b>Project (Number/Name)</b>
3600 / 7	PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>	675029 / <i>Strategic Mission Planning &amp; Execution System</i>

classification/security regulations/criteria, which will promote competition. The program will consider the best contract options to implement the Agile DevOps CI/CD strategy. Other activities are also accomplished through the use of various contracting vehicles such as Military Interdepartmental Purchase Requests (MIPRs).

SMPES will leverage both small and large business contracts for application and system services.

Program management for the SMPES program is under direction of Program Executive Officer Digital, located at Hanscom AFB, MA. The Air Force Life Cycle Management Center (AFLCMC) located at Hanscom AFB, MA and the 55th Contracting Squadron at Offutt AFB, NE are the contracting authorities for the SMPES program. AFLCMC provides contracting, legal, comptroller, programmatic, engineering, test, and logistics support.

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

<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>	<b>Project (Number/Name)</b> 675029 / <i>Strategic Mission Planning &amp; Execution System</i>
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<b>Product Development (\$ in Millions)</b>				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Primary Development - NPES, Targeting, Missiles	C/CPAF	Northrop Grumman : Bellevue, Offutt AFB, NE	-	-		-		16.025	Dec 2023	-		16.025	Continuing	Continuing	-
Primary Development - Air Vehicle & Quality Review-Mission Planning & Analysis Common Service (QR MPACS)	C/CPAF	Leidos : Bellevue, Offutt AFB, NE	-	-		-		8.599	Nov 2023	-		8.599	Continuing	Continuing	-
Primary Development - Global Strike & Intell	C/CPAF	Lockheed Martin : Bellevue, Offutt AFB, NE	-	-		-		2.600	Feb 2024	-		2.600	Continuing	Continuing	-
RBSF	C/CPAF	Various : Various, NE	-	-		-		5.733	Nov 2023	-		5.733	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		32.957		-		32.957	Continuing	Continuing	N/A

<b>Support (\$ in Millions)</b>				FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
DevOps Support	C/FP	Various : Bellevue, Offutt AFB, NE	-	-		-		6.882	Jan 2024	-		6.882	Continuing	Continuing	-
Technical Engineering Services	C/FFP	Various : Bellevue, Offutt AFB, NE	-	-		-		1.489	Feb 2024	-		1.489	Continuing	Continuing	-
Engineering Support	C/CPAF	Various : Bellevue, Offutt AFB, NE	-	-		-		8.315	Feb 2024	-		8.315	Continuing	Continuing	-
<b>Subtotal</b>			-	-		-		16.686		-		16.686	Continuing	Continuing	N/A



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2024 Air Force		<b>Date:</b> March 2023
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>	<b>Project (Number/Name)</b> 675029 / <i>Strategic Mission Planning &amp; Execution System</i>

FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

**Software Acquisition Pathway Continuous Software Delivery**

Continuous development and delivery of working software on a 2-week sprint cadence. Continuous feedback is implemented through customer channels. Supporting events include Quality Design and Build.



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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 Air Force		<b>Date:</b> March 2023
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0304100F / <i>Strategic Mission Planning &amp; Execution System (SMPES)</i>	<b>Project (Number/Name)</b> 675029 / <i>Strategic Mission Planning &amp; Execution System</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Software Acquisition Pathway Continuous Software Delivery</b>				
Continuous development and delivery of working software on a 2-week sprint cadence. Continuous feedback is implemented through customer channels. Supporting events include Quality Design and Build.	1	2023	4	2028