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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2023 Defense Information Systems Agency **Date:** April 2022

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 8: Software and Digital Technology Pilot Programs</i>	<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	32.774	34.987	-	34.987	33.844	33.799	50.526	52.459	Continuing	Continuing
CC01: <i>Global Command</i>	0.000	0.000	32.774	34.987	-	34.987	33.844	33.799	50.526	52.459	Continuing	Continuing

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

The Global Command and Control System-Joint (GCCS-J) is the Joint C2 system of record and an essential component for successful implementation of the operational concepts of dominant maneuver, precision engagement, full-dimension protection, and focused logistics. It provides an integrated near real time picture of the battlespace to support joint and multinational operations on US and coalition networks. GCCS-J provides air, maritime, ground, space and cyber tracks for US, coalition, and enemy forces. It also provides applications for situational awareness, missile warning, intelligence, targeting, imagery exploitation, and applications for modeling chemical, biological, radiological, and nuclear (CBRN) hazard areas and effects. GCCS-J is used by key decision makers at the strategic national, strategic theater, and operational levels. Additionally, GCCS-J is used by all nine combatant commands (COCOMs) at sites around the world, supporting joint and coalition operations. The GCCS Family of Systems (FoS) (i.e. the military services) use components of GCCS-J to build their Service unique variants.

GCCS-J provides a Common Operational Picture (COP) with ground, air, maritime, cyber and space tracks for US, coalition, and enemy forces, and has many tactical decision aids and other applications for COP management and situational awareness. GCCS-J is also the system of record for Theater Missile Warning, and provides alerting and display for missile events. GCCS-J displays launch points, missile locations, threat fans, and projected impact points. GCCS-J has applications that provide intelligence support to C2 with national and tactical intelligence data from DIA's Modernized Integrated Database (MIDB), still and motion imagery, and other sources of intelligence. Targeting support is provided via the Joint Targeting Toolbox (JTT) application. GCCS-J also provides Chemical Biological Radiological Nuclear (CBRN) support to C2 via the Joint Effects Model (JEM) and Joint Warning and Reporting Network (JWARN) applications that model CBRN hazard areas/effects and receive/generate reports for warning affected areas.

1000+ GCCS-J instances can be found around the world (air, land and sea), on 30+ US and Coalition networks, and in 13 active Foreign Military Sales (FMS) cases. The following Joint Staff instructions apply: CJCSI 3265.01A (Governance), CJCSI 6731.01C (Security), and CJCSI 3151.31D (Reporting)

GCCS-J support the Joint All Domain Command and Control (JADC2) which is an approach to military decision making. JADC2 rapidly realize agile & resilient command and control (C2) across all-domains through integrated and synchronized capability development. JADC2 enabling capabilities will provide the ability to connect distributed sensors, intelligence, information, data, and effects from all domains to decision makers from the tactical to the strategic at the scale, tempo, and timing required to accomplish commander's intent, agnostic to domains, platforms, or functional lanes.

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2023 Defense Information Systems Agency	<b>Date:</b> April 2022
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<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 8: Software and Digital Technology Pilot Programs</i>	<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Previous President's Budget	0.000	32.774	0.000	-	0.000
Current President's Budget	0.000	32.774	34.987	-	34.987
Total Adjustments	0.000	0.000	34.987	-	34.987
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Adjustment to Budget Year	0.000	-	34.987	-	34.987

**Change Summary Explanation**

FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding. The increase of \$2.213 in FY 2023 is due to the continued development of the Integrated Global Force functionality.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Defense Information Systems Agency										<b>Date:</b> April 2022		
<b>Appropriation/Budget Activity</b> 0400 / 8					<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>				<b>Project (Number/Name)</b> CC01 / <i>Global Command</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
CC01: <i>Global Command</i>	0.000	0.000	32.774	34.987	-	34.987	33.844	33.799	50.526	52.459	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

The Global Command and Control System-Joint (GCCS-J) is the DOD System of Record for Situational Awareness and Operational Intel. The Global Command and Control System – Joint (GCCS-J) is the Department of Defense (DoD) Command and Control (C2) system of record. GCCS-J provides a robust and seamless C2 capability to the White House, Commander-in-Chief (CINC), Secretary of Defense (SECDEF), National Military Command Center (NMCC), Combatant Commanders (CDRs), Joint Force Commanders, and Service Component Commanders. GCCS-J provides situational awareness and operational intel tools that joint warfighters at all levels use to plan, execute, and manage US and coalition operations.

GCCS-J support the Joint All Domain Command and Control (JADC2) which is an approach to military decision making. JADC2 rapidly realize agile & resilient command and control (C2) across all-domains through integrated and synchronized capability development. JADC2 enabling capabilities will provide the ability to connect distributed sensors, intelligence, information, data, and effects from all domains to decision makers from the tactical to the strategic at the scale, tempo, and timing required to accomplish commander’s intent, agnostic to domains, platforms, or functional lanes..”.

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

	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023</b>
<b>Title:</b> Development and Strategic Planning	0.000	32.774	34.987
<p><b>Description:</b> Develop, publish, and execute a GCCS-J migration and modernization strategy that achieves the following GCCS-J Modernization objectives in accordance with Joint C2 Mission operational priorities and the DoD’s JC2 Reference Architecture:</p> <ul style="list-style-type: none"> <li>• Continue to decompose applicable existing applications into services</li> <li>• Limit local deployment and move as much to the enterprise as possible</li> <li>• Continue to expose data and scale services to support an enterprise implementation</li> <li>• Continue to evolve more economical hardware and software architecture without impact to the operational user or Family of Systems (FoS)/interface partners</li> <li>• Reduce overall sustainment cost through use of more cost effective and appropriate Commercial-off-the-Shelf (COTS) and Hardware (HW) products</li> <li>• Evolve to use of agile development practices</li> <li>• Consolidation of clients and tools</li> </ul> <p><b>FY 2022 Plans:</b></p>			

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Defense Information Systems Agency		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>	<b>Project (Number/Name)</b> CC01 / <i>Global Command</i>

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

	FY 2021	FY 2022	FY 2023
<p>Continue the GCCS-J modernization activities that began in FY21 to include: developing, testing, and deploying additional GCCS-J Web client capabilities; support the Joint All Domain Command and Control (JADC2) campaign and series of modernization experiments designed to “increase interoperability, situational awareness and lethality that will enable any shooter, with any sensor, through any C2 node, in near-real time to employ joint and mission partner effects”; continue IPv6 compliance work to achieve DoD’s IPv6 compliance objective; and develop and deploy GCCS-J web client capabilities and backend services to a SIPR cloud environment (e.g. Amazon Web Services, and Microsoft AZURE).</p> <p><b>FY 2023 Plans:</b> Continue daily support of the Operational Community. Incrementally developing, testing, and fielding additional GCCS-J 6.0.x and GCCS-J 6.1.x capabilities, as identified and prioritized by the Joint Staff (JS) and User community. Also, continue to address missile warning requirements as defined in the Global Threat Characterization Assessment (GTCA); complete the implementation of the full set of Link 16 requirements in the Link Processing Capability (LPC) application; and address additional high priority items from the Joint Staff "Top 10" list of requirements. Continue to support / fund GCCS-J certification and accreditation activities to include GCCS-J v6.0 reaccreditation; GCCS-J v6.1 accreditation (new); and GCCS-J Enterprise Baseline accreditation (new). Additionally, continue to fund software licenses for the Joint Staff critical sites, as required.</p> <p>Continue the GCCS-J modernization activities that began in FY21 to include: developing, testing, and deploying additional GCCS-J Web client capabilities; support the Joint All Domain Command and Control (JADC2) campaign and series of modernization experiments designed to “increase interoperability, situational awareness and lethality that will enable any shooter, with any sensor, through any C2 node, in near-real time to employ joint and mission partner effects”; continue IPv6 compliance work to achieve DoD’s IPv6 compliance objective; and develop and deploy GCCS-J web client capabilities and backend services to a SIPR cloud environment (e.g. Amazon Web Services, and Microsoft AZURE).</p> <p><b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> The increase of \$2.213 from FY 2022 to FY 2023 is the result of continued development and deployment of integrated Global Force Management (GFM) functionality.</p>			
<b>Accomplishments/Planned Programs Subtotals</b>	0.000	32.774	34.987

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

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2023</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To</u>		
			<u>Base</u>	<u>OCO</u>	<u>Total</u>					<u>Complete</u>	<u>Total Cost</u>	
• PE 0303150K: <i>Operation &amp; Maintenance, Defense-Wide</i>	16.254	17.554	18.027	-	18.027	-	-	-	-	-	Continuing	Continuing

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Defense Information Systems Agency		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>	<b>Project (Number/Name)</b> CC01 / <i>Global Command</i>

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

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u> <u>Base</u>	<u>FY 2023</u> <u>OCO</u>	<u>FY 2023</u> <u>Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
<b>Remarks</b>											

**D. Acquisition Strategy**

Use of performance-based contract awards is maximized while use of Time and Material contracts is minimized to those providing programmatic support versus software development, integration, or testing. All development, integration, and migration efforts within the portfolio are primarily supported through Cost Reimbursable Task Orders issued under competitively awarded contracts. Acquisition Strategies are structured to retain contractors capable of satisfying cost, schedule, and performance objectives. Contract awards incorporate provisions requiring contractors to establish and manage specific earned value data. This strategy mitigates risk by requiring monthly Contract Performance Reviews (CPRs) and utilizing award fee contracts where appropriate to incentivize performance. GCCS-J applies formal acquisition rigor to include reporting requirements, as appropriate, by acquisition program designation.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Defense Information Systems Agency** **Date:** April 2022

<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>	<b>Project (Number/Name)</b> CC01 / <i>Global Command</i>
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<b>Product Development (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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
Product Development	C/CPFF	NMGS: GCCS-J Sustainment : Reston, VA	-	-		18.993	Dec 2021	21.206	Dec 2022	-		21.206	Continuing	Continuing	-
Product Development	C/CPFF	C2 Systems Engineering : TBD	-	-		1.944	Feb 2022	1.944	Feb 2023	-		1.944	Continuing	Continuing	-
Product Development	C/CPFF	GCCS-J Development : TBD	-	-		-		-		-		-	Continuing	Continuing	-
Product Development	C/FFP	Configuration Management : Montgomery	-	-		1.040	Oct 2021	1.040	Oct 2022	-		1.040	Continuing	Continuing	-
Product Development	C/FFP	Milcloud Hosting : TBD	-	-		-		-		-		-	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance GEMFIRE : TBD	-	-		-		-		-		-	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: VMWare : TBD	-	-		0.148	Apr 2022	0.148	Apr 2023	-		0.148	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: Redhat : TBD	-	-		0.565	Dec 2021	0.565	Dec 2022	-		0.565	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance Sybase : TBD	-	-		0.663	Sep 2022	0.663	Sep 2023	-		0.663	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance : TBD	-	-		-		-		-		-	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: Oracle WebLogic : TBD	-	-		0.806	Jan 2022	0.806	Jan 2023	-		0.806	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: Oracle JAVA JELA : TBD	-	-		0.059	Sep 2022	0.059	Nov 2023	-		0.059	Continuing	Continuing	-

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<b>Product Development (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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
Product Development	C/FFP	Software Maintenance: Microfocus : TBD	-	-		0.084	Mar 2022	0.084	Mar 2023	-		0.084	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: ForgeRock : TBD	-	-		0.048	May 2022	0.048	May 2023	-		0.048	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: Microsoft JELA : TBD	-	-		0.031	Nov 2021	0.031	Nov 2022	-		0.031	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: VEEAM : TBD	-	-		0.016	Mar 2022	0.016	Mar 2023	-		0.016	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: Fortify : TBD	-	-		0.088	Dec 2021	0.088	Dec 2022	-		0.088	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: JIRA : TBD	-	-		0.039	Dec 2021	0.039	Dec 2022	-		0.039	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: Crunchy PostgresSQL : TBD	-	-		0.097	Jul 2022	0.097	Jul 2023	-		0.097	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: Risk Radar : TBD	-	-		0.018	Jul 2022	0.018	Jul 2023	-		0.018	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: NetApp : TBD	-	-		0.230	Jul 2022	0.230	Jul 2023	-		0.230	Continuing	Continuing	-
Product Development	C/FFP	Software Maintenance: Solarwinds and Flexera (CC) : TBD	-	-		0.006	Jun 2022	0.006	Jun 2023	-		0.006	Continuing	Continuing	-

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<b>Product Development (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Product Development	C/FFP	HW Maintenance: CISCO JELA : TBD	-	-		0.035	Jun 2022	0.035	Jun 2023	-		0.035	Continuing	Continuing	-
Product Development	C/FFP	HW Maintenance: Sun : TBD	-	-		0.414	Feb 2022	0.414	Feb 2023	-		0.414	Continuing	Continuing	-
<b>Subtotal</b>			-	-		25.324		27.537		-		27.537	Continuing	Continuing	N/A

<b>Support (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Support Cost	C/FFP	TBD : TBD	-	-		-		-		-		-	Continuing	Continuing	-
Support: SD Program Management Support	C/FFP	Strategic Alliance Business Group : Ft Meade	-	-		0.920	Aug 2022	0.920	Aug 2023	-		0.920	Continuing	Continuing	-
Support: GM&A (Travel, Training, Laptops, Credit Card, etc.)	C/FFP	Various : Ft Meade	-	-		0.495	Oct 2021	0.495	Oct 2022	-		0.495	Continuing	Continuing	-
Support: Mobility PDC - EWMB97	MIPR	DISA : Ft Meade	-	-		0.057	Oct 2021	0.057	Oct 2022	-		0.057	Continuing	Continuing	-
Support: Naval Information Warfare Center (NIWC) Atlantic	MIPR	NIWC : Various	-	-		-		-		-		-	Continuing	Continuing	-
<b>Subtotal</b>			-	-		1.472		1.472		-		1.472	Continuing	Continuing	N/A

<b>Test and Evaluation (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Test & Evaluation	MIPR	JITC : Various	-	-		0.218	Oct 2021	0.218	Oct 2022	-		0.218	Continuing	Continuing	-

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<b>Test and Evaluation (\$ in Millions)</b>				<b>FY 2021</b>		<b>FY 2022</b>		<b>FY 2023 Base</b>		<b>FY 2023 OCO</b>		<b>FY 2023 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Test & Evaluation	MIPR	DAA : STRATCOM:Various	-	-		0.896	Oct 2021	0.896	Oct 2022	-		0.896	Continuing	Continuing	-
Test & Evaluation	MIPR	RME : Various	-	-		0.888	Oct 2021	0.888	Oct 2022	-		0.888	Continuing	Continuing	-
Test & Evaluation	MIPR	DISA Circuit: PDC WHPP : Ft Meade	-	-		0.057	Oct 2021	0.057	Oct 2022	-		0.057	Continuing	Continuing	-
Test & Evaluation	MIPR	Telecommunication Services: CDES FAA : TBD	-	-		0.081	Oct 2021	0.081	Oct 2022	-		0.081	Continuing	Continuing	-
Test & Evaluation	MIPR	C2 Test and Evaluation - NEXTGEN : Various	-	-		2.985	Aug 2022	2.985	Oct 2022	-		2.985	Continuing	Continuing	-
Test & Evaluation	MIPR	SD CyberSecurity Support - U.S. Army Combat Capabilities Development Command Data & Analysis Center : Various	-	-		0.557	Aug 2022	0.557	Oct 2022	-		0.557	Continuing	Continuing	-
Test & Evaluation	MIPR	AIR FORCE RESEARCH LAB/ RIFB (AFRL) : Various	-	-		0.291	Oct 2021	0.291	Oct 2022	-		0.291	Continuing	Continuing	-
Test & Evaluation	MIPR	FAA Feed, FAA NAS Defense Programs : Various	-	-		0.005	Oct 2021	0.005	Oct 2022	-		0.005	Continuing	Continuing	-
<b>Subtotal</b>			-	-		5.978		5.978		-		5.978	Continuing	Continuing	N/A

<b>Management Services (\$ in Millions)</b>				<b>FY 2021</b>		<b>FY 2022</b>		<b>FY 2023 Base</b>		<b>FY 2023 OCO</b>		<b>FY 2023 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Prior Years</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Management Services	FFRDC	MITRE : Various	-	-		-		-		-		-	Continuing	Continuing	-



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2023 Defense Information Systems Agency		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>	<b>Project (Number/Name)</b> CC01 / <i>Global Command</i>

	FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
	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
<b>Development and Strategic Planning</b>																												
Development and Strategic Planning																												
<b>Integration and Test</b>																												
Integration and Test																												
<b>Process Transformation</b>																												
Process Transformation																												
<b>Development Transformation</b>																												
Development Transformation																												
<b>Security Transformation</b>																												
Security Transformation																												
<b>UX Transformation</b>																												
UX Transformation																												
<b>Data Transformation</b>																												
Data Transformation																												
<b>Operations Transformation</b>																												
Operations Transformation																												
<b>Operational Web Client - IOC</b>																												
Operational Web Client - IOC																												
<b>Initial Enterprise Deployment</b>																												
Initial Enterprise Deployment																												
<b>ICSF Independence</b>																												
ICSF Independence																												
<b>GCCS-J Release v.6.1.0 - v6.1.X</b>																												
GCCS-J Release v.6.1.0 - v6.1.X																												

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**Exhibit R-4, RDT&E Schedule Profile:** PB 2023 Defense Information Systems Agency **Date:** April 2022

<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>	<b>Project (Number/Name)</b> CC01 / <i>Global Command</i>
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FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020			
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

<b>Operational Web Client -FOC</b>	
Operational Web Client -FOC	

FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
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

<b>Development and Strategic Planning</b>	
Development and Strategic Planning	
<b>Integration and Test</b>	
Integration and Test	
<b>Process Transformation</b>	
Process Transformation	
<b>Development Transformation</b>	
Development Transformation	
<b>Security Transformation</b>	
Security Transformation	
<b>UX Transformation</b>	
UX Transformation	
<b>Data Transformation</b>	
Data Transformation	
<b>Operations Transformation</b>	
Operations Transformation	
<b>Operational Web Client - IOC</b>	
Operational Web Client - IOC	
<b>Initial Enterprise Deployment</b>	

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**Exhibit R-4, RDT&E Schedule Profile:** PB 2023 Defense Information Systems Agency **Date:** April 2022

<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>	<b>Project (Number/Name)</b> CC01 / <i>Global Command</i>
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	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
	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

Initial Enterprise Deployment																												
<b>ICSF Independence</b>																												
ICSF Independence																												
<b>GCCS-J Release v.6.1.0 - v6.1.X</b>																												
GCCS-J Release v.6.1.0 - v6.1.X																												
<b>Operational Web Client -FOC</b>																												
Operational Web Client -FOC																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2023 Defense Information Systems Agency		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>	<b>Project (Number/Name)</b> CC01 / <i>Global Command</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Development and Strategic Planning</i></b>				
Development and Strategic Planning	1	2020	4	2022
<b><i>Integration and Test</i></b>				
Integration and Test	1	2020	4	2026
<b><i>Process Transformation</i></b>				
Process Transformation	3	2020	4	2022
<b><i>Development Transformation</i></b>				
Development Transformation	2	2020	4	2022
<b><i>Security Transformation</i></b>				
Security Transformation	3	2020	2	2022
<b><i>UX Transformation</i></b>				
UX Transformation	2	2020	4	2026
<b><i>Data Transformation</i></b>				
Data Transformation	2	2020	4	2026
<b><i>Operations Transformation</i></b>				
Operations Transformation	2	2020	4	2026
<b><i>Operational Web Client - IOC</i></b>				
Operational Web Client - IOC	1	2021	4	2022
<b><i>Initial Enterprise Deployment</i></b>				
Initial Enterprise Deployment	1	2021	3	2022
<b><i>ICSF Independence</i></b>				

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**Exhibit R-4A, RDT&E Schedule Details:** PB 2023 Defense Information Systems Agency **Date:** April 2022

<b>Appropriation/Budget Activity</b> 0400 / 8	<b>R-1 Program Element (Number/Name)</b> PE 0303150K / <i>Global Command and Control System Software and Digital Technology Pilot Programs</i>	<b>Project (Number/Name)</b> CC01 / <i>Global Command</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ICSF Independence	1	2021	3	2023
<b><i>GCCS-J Release v.6.1.0 - v6.1.X</i></b>				
GCCS-J Release v.6.1.0 - v6.1.X	3	2021	4	2026
<b><i>Operational Web Client -FOC</i></b>				
Operational Web Client -FOC	1	2022	4	2026