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**Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Army** **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040: <i>Research, Development, Test &amp; Evaluation, Army / BA 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0303150A / <i>WWMCCS/Global Command and Control System</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	-	1.988	-	-	-	-	-	-	-	-	-	-
C86: <i>Army Global C2 System</i>	-	1.988	-	-	-	-	-	-	-	-	-	-

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

All Fiscal Year 2020 (FY20) base funding will support Defense Readiness Reporting capabilities. The Defense Readiness Reporting System-Army (DRRS-A) is the Army's Authoritative Readiness Reporting System. This information technology system provides unit readiness reporting, unit registration and force planning and projection activities to enable Title 10 reporting to Congress. Specifically this funding will provide additional system enhancements and testing to support emerging developmental requirements to satisfy the Army's and Joint readiness reporting capabilities along with ensuring interoperability of Army and Joint Systems. DRRS-A is the Army's critical enabler which directly enables the Quarterly Readiness report to Congress.

Global Command and Control System-Army (GCCS-A): This project is the Army component of the Global Command and Control System (GCCS) Family of Systems (FoS). GCCS-A has transitioned into sustainment.

Army Joint and Strategic Command and Control (AJaSC2) is a modernization development effort for the Army's joint and strategic C2 capabilities. AJaSC2 provides the materiel solution in response to the Army Mission Command for Unified Action Capability Definition Package (AMCUA CDP). AJaSC2 enables Army operational headquarters to integrate with the Joint Force Commands and Unified Action Partners (UAP). AJaSC2 provides Army leaders: Joint Common Operating Picture (COP); Adaptive planning and execution capabilities for distributed, synchronous and asynchronous collaboration services to develop, revise, and execute their warfighting plans supported by theaterwide analytics; strategic Situational Awareness (SA) to coalition operations and other mission partners and Coordination and synchronization of Joint Execution Mission Management.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2020</b>	<b>FY 2021</b>	<b>FY 2022 Base</b>	<b>FY 2022 OCO</b>	<b>FY 2022 Total</b>
Previous President's Budget	2.073	0.000	0.000	-	0.000
Current President's Budget	1.988	0.000	0.000	-	0.000
Total Adjustments	-0.085	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.085	-			

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**Exhibit R-2A, RDT&E Project Justification:** PB 2022 Army **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0303150A / WWMCCS/Global Command and Control System	<b>Project (Number/Name)</b> C86 / Army Global C2 System
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
C86: Army Global C2 System	-	1.988	-	-	-	-	-	-	-	-	-	-
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

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

Program has no FY 2021 funding request.

All Fiscal Year 2020 base funding will support Defense Readiness Reporting capabilities. The Defense Readiness Reporting System-Army (DRRS-A) is the Army's Authoritative Readiness Reporting System. This information technology system provides unit readiness reporting, unit registration and force planning and projection activities to enable Title 10 reporting to Congress. Specifically this funding will provide additional system enhancements and testing to support emerging developmental requirements to satisfy the Army's and Joint readiness reporting capabilities along with ensuring interoperability of Army and Joint Systems. DRRS-A is the Army's critical enabler which directly enables the Quarterly Readiness report to Congress.

Global Command and Control System-Army (GCCS-A): This project is the Army component of the Global Command and Control System (GCCS) Family of Systems (FoS). GCCS-A will transition into sustainment in FY 2019.

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

	FY 2020	FY 2021	FY 2022
<b>Title:</b> Defense Readiness Reporting System (DRRS-A) - Software Enhancements (Design/Develop)	0.994	-	-
<b>Description:</b> Support to design, develop, and deploy emerging requirements into the Army's authoritative readiness reporting system to include. Software enhancements to support evolving DoD and Army readiness policies, processes, technical standards and new interface and interoperability requirements needed to share Army authoritative readiness data with Joint and Army data sharing partners.			
<b>Title:</b> Defense Readiness Reporting System (DRRS-A) - Test and Integration	0.994	-	-
<b>Description:</b> Support for developmental and interoperability testing required for the Army's authoritative readiness reporting system.			
<b>Accomplishments/Planned Programs Subtotals</b>	1.988	-	-

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

N/A

**Remarks**

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2022 Army		<b>Date:</b> May 2021
<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0303150A / <i>WWMCCS/Global Command and Control System</i>	<b>Project (Number/Name)</b> C86 / <i>Army Global C2 System</i>

**D. Acquisition Strategy**

The Readiness Reporting development effort in FY 2020 is accomplished through a Cost Plus Fixed Fee contract with Sotera Defense Solutions Inc. and testing is managed at the Army Software Engineering Center at Aberdeen Proving Grounds, Maryland. This project will satisfy readiness reporting requirements from Army Readiness Division (DAMO-ODR). The acquisition approach consists of a support agreement with CECOM LCMC SEC as the prime software developer utilizing a mix of government and contractor support.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Army** **Date:** May 2021

<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0303150A / WWMCCS/Global Command and Control System	<b>Project (Number/Name)</b> C86 / Army Global C2 System
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<b>Management Services (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
Program Office Management (GCCS-A)	Various	Various : Various Locations	16.088	-		-		-		-		-	0.000	16.088	15.805
FY 2020 SBIR/STTR Transfer	TBD	Various : Various	-	0.094		-		-		-		-	0.000	0.094	-
<b>Subtotal</b>			16.088	0.094		-		-		-		-	0.000	16.182	N/A

<b>Product Development (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			
Defense Readiness Reporting System-Army Software Development	Option/CPFF	Software Engineering Center : APG, MD	16.413	0.947	Mar 2020	-		-		-		-	0.000	17.360	10.217
GCCS-A/DRRS-A Bridge Effort Software Development (GCCS-A)	MIPR	Software Engineering Center : APG, MD	17.845	-		-		-		-		-	0.000	17.845	4.893
FY 2019 SBIR / STTR Transfer	TBD	TBD : TBD	0.065	-		-		-		-		-	0.000	0.065	-
<b>Subtotal</b>			34.323	0.947		-		-		-		-	0.000	35.270	N/A

<b>Support (\$ in Millions)</b>				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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 Contractors (GCSS-A)	C/FP	Various : Various	17.499	-		-		-		-		-	0.000	17.499	17.333
<b>Subtotal</b>			17.499	-		-		-		-		-	0.000	17.499	N/A



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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2022 Army</b>			<b>Date: May 2021</b>
<b>Appropriation/Budget Activity</b> 2040 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0303150A / WWMCCS/Global Command and Control System	<b>Project (Number/Name)</b> C86 / Army Global C2 System	

Event Name	FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026			
	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
Modernization of Defense Readiness Reporting System - Army	DRRS-A Modernization																											
DRRS-A Event 3	1 DRRS-A Testing and Release																											
DRRS-A Event 4	2 DRRS-A Testing and Release																											

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2022 Army		<b>Date:</b> May 2021
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Modernization of Defense Readiness Reporting System - Army	1	2018	4	2020
DRRS-A Testing	3	2019	3	2019
DRRS-A Event 1	3	2019	3	2019
DRRS-A Event 2	4	2019	4	2019
DRRS-A Event 3	3	2020	3	2020
DRRS-A Event 4	4	2020	4	2020