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Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Army	Date: February 2018
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Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>					R-1 Program Element (Number/Name) PE 0605047A / <i>Army Contract Writing System</i>							
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	-	19.868	20.322	41.928	-	41.928	20.375	13.041	5.295	0.088	0.000	120.917
FA7: <i>Contract Writing System</i>	-	19.868	20.322	41.928	-	41.928	20.375	13.041	5.295	0.088	0.000	120.917

Note

Effective February 2, 2017 DoD Instruction (DoDI) 5000.75 was issued to establish policy for use of Business Capability Acquisition Cycle (BCAC) for Defense Business Systems, applying to Army Contract Writing System. This DoDI supersedes DoDI 5000.02, improving the alignment of business systems to commercial best practices as well as optimizing efficiencies and effectiveness across DoD for the acquisition of business systems. Decisions rendered by the Milestone Decision Authority, as outlined in DoDI 5000.75, are referred to as "Authority To Proceed (ATPs)" and replace DoDI 5000.02 "Milestones."

A. Mission Description and Budget Item Justification

The Army Contract Writing System (ACWS) will be the Army's single, next-generation, enterprise-wide contract writing, management, execution, and close-out software system. ACWS will facilitate the standardization of Army Procurement business processes and streamline the integration with Army Enterprise Resource Planning (ERP) systems. As a financial feeder system, ACWS will meet the compliance requirements of the Federal Financial Management Improvement Act of 1996 (FFMIA). The system will meet the full scope of Army Contracting requirements, including those in secure and non-secure locations, those supporting combat or non-combat contingencies, those within or outside the borders of the Continental United States, those supporting grants and assistance agreements, and those performing weapons systems, construction, installation, and other specialized contracting activities. This is consistent with Undersecretary of Defense, Acquisition, Technology and Logistics (USD(AT&L)) Memorandum; Department of Defense (DoD) Functional Contract Writing and Administration, dated 21 October 2011, which directed each of the Services to develop a new contract writing system. Accordingly, Army received an OSD Deputy Chief Management Officer (DCMO) validated problem statement and the Army Acquisition Executive approved the ACWS Materiel Development Decision (MDD) on 29 October 2014. On 24 March 2016, the USD(AT&L) signed the program's RFP Release Acquisition Decision Memorandum (ADM) which designated ACWS as an unbaselined, Major Automated Information System Acquisition Category IAM program, and approved the Army's request to release an RFP to industry to procure a Commercial-off-the-Shelf (COTS) system.

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Appropriation/Budget Activity		R-1 Program Element (Number/Name)			
2040: Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)		PE 0605047A / Army Contract Writing System			
B. Program Change Summary (\$ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	20.663	20.322	28.227	-	28.227
Current President's Budget	19.868	20.322	41.928	-	41.928
Total Adjustments	-0.795	0.000	13.701	-	13.701
• Congressional General Reductions	-0.010	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.785	-			
• Adjustments to Budget Years	-	-	13.701	-	13.701
Change Summary Explanation					
Following the selection of CGI Federal Inc. on 22 May 2017, ACWS was able to refine its schedule to reflect the SI's plan which achieves Full Deployment (FD) 20 months earlier than the Government's original initial plan (2 Releases vs 4 Releases) requiring funding earlier in the program. Required FY19 funding now supports all Release 1 software configuration, interface development, agile integrated testing, and preparing training and deployment teams in order to achieve Initial Operational Capability (IOC).					

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Exhibit R-2A, RDT&E Project Justification: PB 2019 Army										Date: February 2018		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0605047A / Army Contract Writing System				Project (Number/Name) FA7 / Contract Writing System			
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
FA7: Contract Writing System	-	19.868	20.322	41.928	-	41.928	20.375	13.041	5.295	0.088	0.000	120.917
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Army Contract Writing System (ACWS) will be the Army's single, next-generation, enterprise-wide contract writing, management, execution, and close-out software system. ACWS will facilitate the standardization of Army Procurement business processes and streamline the integration with Army Enterprise Resource Planning (ERP) systems. As a financial feeder system, ACWS will meet the compliance requirements of the Federal Financial Management Improvement Act of 1996 (FFMIA). The system will meet the full scope of Army Contracting requirements, including those in secure and non-secure locations, those supporting combat or non-combat contingencies, those within or outside the borders of the Continental United States, those supporting grants and assistance agreements, and those performing weapons systems, construction, installation, and other specialized contracting activities. This is consistent with Undersecretary of Defense, Acquisition, Technology and Logistics (USD(AT&L)) Memorandum; Department of Defense (DoD) Functional Contract Writing and Administration, dated 21 October 2011, which directed each of the Services to develop a new contract writing system. Accordingly, Army received an OSD Deputy Chief Management Officer (DCMO) validated problem statement and the Army Acquisition Executive approved the ACWS Materiel Development Decision (MDD) on 29 October 2014. On 24 March 2016, the USD(AT&L) signed the program's RFP Release Acquisition Decision Memorandum (ADM) which designated ACWS as an unbaselined, Major Automated Information System Acquisition Category IAM program, and approved the Army's request to release an RFP to industry to procure a Commercial-off-the-Shelf (COTS) system.

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

	FY 2017	FY 2018	FY 2019
Title: Risk Reduction Activities	19.868	-	-
Description: The purpose of the Risk Reduction (RR) phase, is to fully assess the COTS solution procured as the results of the Full and Open Competition. The assessment will allow the program to award the initial development contract (Release 1) with a high degree of confidence that the program will successfully execute the development and deployment phase. RR will include several key activities conducted in parallel. First, the program will conduct Global Analysis and Business Blueprinting to optimize the To-Be, End-to-End, Procure-to-Pay processes and business scenarios. The program will define applicable Business Process Designs, identify any gaps between the COTS product and the ACWS requirements and determine how to resolve those gaps. This will all be done with the goal to align Army processes, as much as possible, to the COTS product processes. This will save significant development dollars. This phase will also include design of the required interfaces that are not included as part of the original COTS solution. The ultimate goal of this phase is to maintain the COTS baseline and reduce requirement for customization with a plan that allocates capabilities and interfaces across all software builds. The allocated baseline will be reviewed/ approved during a Preliminary Design Review.			
Title: Acquisition, Testing, and Deployment Phase	-	20.322	41.928

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Appropriation/Budget Activity 2040 / 5				R-1 Program Element (Number/Name) PE 0605047A / Army Contract Writing System			Project (Number/Name) FA7 / Contract Writing System				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2017	FY 2018	FY 2019		
<p>Description: During the Development and Deployment Phase the program will perform all development, integration, test, and deployment activities for two software releases to achieve full deployment of ACWS capabilities to 10,000 end users in approximately 300 locations worldwide.</p> <p>FY 2018 Plans: FY 2018 funds will be used to continue business operations, Risk Reduction activities, and initial efforts for complex interface development. A significant amount of funding required to pay for TDY expenses of Army Contracting Experts to participate in Business Process Re-Engineering during Risk Reduction; for development of documentation associated with the program's Capability Implementation Plan; and preparation for the Authority to Proceed decision that will follow completion of risk reduction activities. The ACWS program will also be required to stand up a hosting environment(s) at a government-approved data center and pay the initial recurring hosting fees.</p> <p>FY 2019 Plans: FY 2019 funds will be used to complete the development of the first release and prepare training and deployment teams to deploy Release 1 capability to the Army Contracting Enterprise. Funds will also be used for production and integrated test environments for hosting at a government-approved data center.</p> <p>FY 2018 to FY 2019 Increase/Decrease Statement: The increase in funds from FY 2018 to FY 2019 is due to the transition from Risk Reduction analysis efforts in FY18 to Release 1 capability configuration, interface development, testing, training, and preparation for deployment.</p>											
Accomplishments/Planned Programs Subtotals							19.868	20.322	41.928		
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
• B66001: Contract Writing System	0.789	1.001	5.927	-	5.927	14.942	8.468	5.827	-	0.000	36.954
Remarks											
FY 2019 base procurement funds procures requisite ACWS software licenses for Initial Operating Capability (IOC) (estimated delivery to 950 users for receiving Release 1 capability at IOC). The license procurement in FY 2019 supports pre-deployment activities including establishing both training and deployment teams for Release 1 which will be deployed in first quarter FY 2020. Funding also supports and system fielding activities (Organization Change Management) throughout the Acquisition, Testing, and Deployment Phase.											

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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605047A / <i>Army Contract Writing System</i>	Project (Number/Name) FA7 / <i>Contract Writing System</i>
<u>D. Acquisition Strategy</u> Through Full and Open Competition ACWS awarded a Single Award ID/IQ Contract with a 10-year ordering period to CGI Federal Inc. on 22 May 2017. Task Order 0001 of this contract is to conduct Risk Reduction activities concurrent with development of all regulatory and statutory documentation required. These activities are conducted for the purpose of meeting the USD AT&L timeline goals to sunset Standard Procurement System (SPS). Risk Reduction activities include Business Process Reengineering (BPR), Global Analysis, Blueprinting, and Interface Definition. Following Risk Reduction, ACWS will baseline the program at its next authority to proceed and will be in a position to begin the development of the initial software release interfaces (Release 1). The ACWS strategy consists of 2 software releases, followed by 60 months of sustainment activities during the Capability Support Phase.		
<u>E. Performance Metrics</u> N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Army												Date: February 2018			
Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0605047A / Army Contract Writing System				Project (Number/Name) FA7 / Contract Writing System					
Management Services (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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 Office	Various	PdM ACWS : Arlington, VA	-	5.979	Oct 2016	7.260		7.819	Oct 2018	-		7.819	0.000	21.058	-
Subtotal			-	5.979		7.260		7.819		-		7.819	0.000	21.058	N/A
Remarks FY19 projected costs include PMO contractor support labor, HW/SW tools, supplies, facility updates, and travel expenses.															
Product Development (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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	Option/ Various	CGI Federal : Arlington, VA	-	13.889	May 2017	5.263		24.530	Oct 2018	-		24.530	0.000	43.682	-
Subtotal			-	13.889		5.263		24.530		-		24.530	0.000	43.682	N/A
Remarks FY19 projected costs include all costs associated with SI Contract CLINs for TO 0002 and PMO costs related to product development.															
Support (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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
Hosting/Security/ Knowledge Management	IA	Dell/Virtustream On-Site Managed Services (OMS) Cloud Solution : DISA DECC Ogden	-	-		7.599		7.650	Oct 2018	-		7.650	0.000	15.249	-
Subtotal			-	-		7.599		7.650		-		7.650	0.000	15.249	N/A
Remarks FY19 projected costs include IA/RMF activities, website development and management for PAM.mil, annual hosting and data maintenance management.															

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Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0605047A / Army Contract Writing System				Project (Number/Name) FA7 / Contract Writing System					
Support (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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
Currently working with Unified Capabilities Development Branch at DISA and Virtustream on hosting our new application with the On-Site Managed Services (OMS) cloud solution inside DISA DECC Ogden (initial environments will be stood up in Q3 FY 2018).															
Test and Evaluation (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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
Test and Evaluation	MIPR	ATEC : TBD	-	-		0.200		1.929	Oct 2018	-		1.929	0.000	2.129	-
Subtotal			-	-		0.200		1.929		-		1.929	0.000	2.129	N/A
Remarks FY19 projected costs include T&E activities with ATEC and JTIC. SI Labor and Travel is included under Product Development (umbrella SI Contract).															
			Prior Years	FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			-	19.868		20.322		41.928		-		41.928	0.000	82.118	N/A
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Army			Date: February 2018		
Appropriation/Budget Activity 2040 / 5		R-1 Program Element (Number/Name) PE 0605047A / Army Contract Writing System		Project (Number/Name) FA7 / Contract Writing System	

Event Name	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	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
ATP-1 (MS A) / Contract Award - Task Order 0001			▲ 1																									
Risk Reduction Activities																												
Acquisition, Testing, and Deployment Phase																												
Baseline ATP / Contract Award - Task Order 0002 Release 1								▲ 2																				
Contract Award - Task Order 0003 Release 2												▲ 3																
Release 1 Limited User Test (LUT)														■														
IOC														▲ 4														
IOT&E																							■					
FD																								▲ 5				

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2019 Army			Date: February 2018
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0605047A / Army Contract Writing System	Project (Number/Name) FA7 / Contract Writing System	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
ATP-1 (MS A) / Contract Award - Task Order 0001	3	2017	3	2017
Risk Reduction Activities	3	2017	3	2018
Acquisition, Testing, and Deployment Phase	3	2016	2	2022
Baseline ATP / Contract Award - Task Order 0002 Release 1	3	2018	3	2018
Contract Award - Task Order 0003 Release 2	1	2019	1	2019
Release 1 Limited User Test (LUT)	1	2020	1	2020
IOC	1	2020	1	2020
IOT&E	2	2022	2	2022
FD	2	2022	2	2022

Note

The ACWS program is requesting a "Baseline ATP" to fulfill MS B requirements not yet completed.