

## Business Case: Capital Asset Summary

### Part I: Summary Information and Justification (All Capital Assets)

#### Section A: Overview & General Information

**Date Investment First Submitted:** 2017-11-16  
**Date of Last Change to Activities:** 2021-06-29  
**Investment Auto Submission Date:**  
**Date of Last Investment Detail Update:** 2021-06-29  
**Date of Last Business Case Update:** 2021-06-29  
**Date of Last Revision:** 2021-06-29

**Agency:** 007 - Department of Defense--Military Programs      **Bureau:** 21 - Army

- 1. Name of this Investment:** Army Contract Writing System
- 2. Unique Investment Identifier (UII):** 007-000006106

#### Section B: Investment Detail

- 1. Provide at least one Agency Strategic objective code ([A-11 Section 230](#)) and/or Agency Priority Goal code ([A-11 Section 250](#)) that this investment aligns to on performance.gov. If this investment aligns to more than one Agency strategic objective code and/or Agency Priority goal code list all that apply. If your agency does not report to performance.gov please use "0". This is required for Agency IT Portfolio Summary Part 1 and Part 2 Investments, not for Part 3 Investments.**

Agency Strategic Objective(s):

007SO18266: Restore Military Readiness to Build a More Lethal Force

007SO18267: Lay the foundation for future readiness through recapitalization, innovation, and modernization

Agency Priority Goal(s):

- 2. Briefly describe the investment's return on investment, including benefits internal and external to the government and outcomes achieved or planned.**  
In late 2015, ACWS worked with Ernst & Young to identify several areas of ROI surrounding Business Process Efficiencies and Fiscal Responsibility. Currently, the Army pays approximately \$18.5M annually to sustain antiquated and disconnected legacy systems which are costing the Army additional time and money and when it comes to late payment penalties, contracting redundancies, and overall system administration. Furthermore, if ACWS fails to meet the OSD sunset date goal for SPS, there will be an additional cost for SPS licenses (currently funded by OSD) that the army will have to subsume to keep SPS operational, making the total costs for legacy systems nearly the same as the anticipated sustainment costs for next generation single log-on, enterprise-wide ACWS. At steady state, anticipated sustainment costs to the Army for ACWS are slightly more than \$20M a year. After reaching Full Deployment (FD), ACWS

will be able to retire all three legacy systems, recognize early pay discounts, leverage strategic sourcing, and optimize (and standardize) contracting business processes across the Army. Longer transition times to retire legacy systems will result in delayed realization of ROI (potential of more than \$80M annually). ACWS will achieve partial ROI upon the initial deployment through FD. By FD (FY23) the Army will be able fully to recognize all benefits of ACWS including the elimination of legacy systems (75% ROI recognized after the deployment of MVS/IOC Release capability in FY21). Initial anticipated break even point projected for FY25 (BY18\$K). .

3. **If this investment will result in the elimination or the reduction of another major or non-major investment(s), please complete the following:**

Table I.B.1 Affected Investment Information	
Investment UII	To Be Status
007-000003542	to be eliminated
007-000007538	to be eliminated
007-000001794	to be reduced

4. **Does the Investment currently include an intra- or inter-Agency shared service (common, shared, or centralized solution)?:**

YES

5. **Does the Investment plan to include an Intra- or Inter-Agency shared service that it does not currently include (common, shared, or centralized solution)?:**

YES

6. **If systems contained in this Investment collect data from the public, please identify the OMB Control Numbers which authorize that data collection as per the Paperwork Reduction Act. Use [Reginfo](#) at the following link to identify information collection requests and OMB control numbers. Agencies can work with their Records Officers to determine the applicability.**

7. **Provide the name of the Investment-level project manager:**

Product Manager, LTC Christee Cuttino

8. **Select the qualification/experience level of the Investment-level project manager (select one):**

1 - FAC-P/PM(DAWIA-3)- Senior

## Section C: Life Cycle Costs

1. Provide the total estimated life cycle costs for the investment in millions. Note: Do not enter information in the grey cells as these will be calculated.

Table I.C.1 Life Cycle Costs				
	PY-1 & Prior	PY 2021	CY 2022	BY 2023
Planning Costs:	0	0	0	0
DME (Excluding Planning) Costs:	\$40.341000	\$22.379000	\$24.484000	\$39.917000
DME (Including Planning) Govt. FTEs:	0	0	0	0
Sub-Total DME (including Internal Labor (Govt. FTE)):	\$40.341000	\$22.379000	\$24.484000	\$39.917000
O & M Costs:	0	0	\$1.769000	\$7.211000
O & M Internal Labor (Govt. FTE):	0	\$2.113000	\$3.436000	0
Sub-Total O & M Costs (Including Internal Labor (Govt. FTE)):	0	\$2.113000	\$5.205000	\$7.211000
Total Cost (Including Internal Labor (Govt. FTE)):	\$40.341000	\$24.492000	\$29.689000	\$47.128000
Total Cost Internal Labor (Govt. FTE) costs:	0	\$2.113000	\$3.436000	0
# of FTE rep by costs:	0	12	12	0
Total change from prior year final President's Budget (\$)		\$-1.822000	\$-6.855000	
Total change from prior year final President's Budget		-6.92%	-18.76%	

Table I.C.1 Life Cycle Costs				
	PY-1 & Prior	PY 2021	CY 2022	BY 2023
(%)				

2.
  - a. **In which year did or will this investment begin? (specify year - e.g., PY-1= 2019)**  
2015
  - b. **In which year will this investment reach the end of its estimated useful life? (specify year - e.g., FY+5 = 2027)**  
2032
3. **Compare the funding levels for PY and CY to the final FY 2022 President's Budget for those same years. Briefly explain any significant changes. When making comparisons, ensure that you compare same-year-to-same-year (e.g., the FY20 level for 2020 versus the FY21 level for 2020):**

FY19 - Higher Funding Levels for the First Development Task Order  
FY20 - Funding levels stay the same for continued development work and deployment of initial capability  
FY21 - Funding levels remain consistent to complete development of Initial Operating Capability and begin development of remainder of functional requirements, including integration with the logistics modernization program  
FY22 - Funding levels remain consistent to continue development of functional sponsor requirements

## Business Case Detail: Performance Measurement Report

### Section A1: General Information

1. **Name of this Investment:** ARMY CONTRACT WRITING SYSTEM
2. **Unique Investment Identifier (UII):** 007-000006106

## Section C1: Projects Table

Projects Table C.1

Unique Project ID	Project Name	Project Goal	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)	Software Project?
P6106-101	Risk Reduction Activities	The risk 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 & deployment phase.	08/01/2017	06/29/2022	\$21.0	Yes
P6106-102	ACWS Release 1	Perform all development, integration, test, & deployment activities for ACWS software release 1.	07/01/2018	09/30/2022	\$100.0	Yes
P6106-104	ACWS Sustainment Activities (Operations & Support)	Sustainment activities following each software release and during the Capability Support Phase.	10/01/2018	08/31/2027	\$330.0	
P6106-112	ACWS Release 2	Perform all development, integration, test, & deployment activities for software release 2 & achieve full deployment of ACWS capabilities to 10,000 end users worldwide.	10/01/2019	03/31/2022	\$85.0	Yes

## Section C2: Project Activities

1. Provide all non-agile project activities for projects in Table C.1 that started in a previous FY (PY and earlier) and that have not been completed by the beginning of the CY, as well as activities that are scheduled to start in the current FY and BY.

Project Activity Table C.2.1

Unique Project ID	Activity Name	Activity Description	Structure ID	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Costs	Projected Total Costs	Actual Total Costs
P6106-104	ACWS Sustainment Activities	ACWS Sustainment Activities	P6106-104.PA 6106-104	2018-10-01	2018-10-01	2018-10-01	2019-08-31	2026-01-31		15.000000	15.000000	0.000000

Project Activity Table C.2.1

Unique Project ID	Activity Name	Activity Description	Structure ID	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Costs	Projected Total Costs	Actual Total Costs
	(Operations & Support)	(Operations & Support)										
P6106-112	ACWS Release 2	ACWS Release 2	P6106-112.PA 6106-103	2019-10-01	2021-10-01	2020-10-01	2020-03-31	2022-03-31		5.000000	5.000000	0.000000
P6106-101	Risk Reduction Activities	Risk Reduction Activities	P6106-101.PA 6106-101	2017-08-01	2020-08-01	2020-08-01	2020-06-29	2022-06-29		5.000000	5.000000	0.000000
P6106-102	ACWS Release 1	ACWS Release 1	P6106-102.PA 6106-102	2018-07-01	2018-07-01	2018-07-01	2020-12-31	2022-09-30		5.000000	5.000000	0.000000

## Section D: Operational Data

## 1. Provide the date and results of the last Operational Analysis (for operational and mixed life cycle systems/Investments):

1. Date of Analysis:

2. Analysis Results:

3. Analysis Conclusion: continue as is

## 2. Report a minimum of 5 metrics using the following table to provide metrics and actual results for each individual metric:

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
26866	TBD	TBD	2 - Strategic and Business Results	0.000000	95.000000	95.000000	Over target	Monthly	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
NONE										
26865	TBD	TBD	2 - Strategic and Business Results	0.000000	90.000000	90.000000	Over target	Quarterly	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
NONE										
26864	Availability of System	Percentage	1 - Customer Satisfaction (Process Results)	0.000000	95.000000	95.000000	Over target	Quarterly	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
					Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment	
NONE										
26863	Net Readiness Support to Military Operations - 98% PDS Validation Success Rate Enter and Be Managed on the Network - TBD (will be updated with the completion of the SV-7 architecture document with initial Information	Percentage	2 - Strategic and Business Results	0.000000	98.000000	98.000000	Over target	Annual	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No



Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
	Support Plan) Exchange Information (Percentage of instruments that are successfully obligated and recorded in the financial system) - 98% of procurement data accurately exchanged per the SV-6 (SV-6 to be developed)									

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

NONE

26862	Operational Availability Availability (Uptime / (Uptime + Scheduled Downtime + Unscheduled Downtime) - 96.7% (monthly average) Restorability (Reliability) - RTO = 8 hours / RPO = 6 hours Maintainability (Mean Time To Repair) - < 4 hrs	Percentage	1 - Customer Satisfaction (Process Results)	0.000000	96.700000	96.700000	Over target	Monthly	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
-------	--	------------	---	----------	-----------	-----------	-------------	---------	--	----

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
-----------	------------------	---------------	-----------------------	---------

NONE

Metrics Definitions and Actual Results Table D.2 / D.3

Metric ID	Metric Description	Unit of Measure	Performance Measurement Category Mapping	Agency Baseline Capability	2020 Target	2021 Target	Measurement Condition	Reporting Frequency	Agency Strategic Objective / Agency Priority Goal	Is Metric Retired?
26861	F&O Competition resulted in the selection of a SI whose program plan achieves FD 20 months earlier than the Government's original schedule anticipated. Delivery of more out-of-the-box capability earlier than anticipated, which requires more configuration and interface development (funding) up front. The first software release, which is anticipated to be awarded in FY19. Although more funding is required earlier in the program, the program's total lifecycle costs will be lower than anticipated.	\$	3 - Financial Performance	0.000000	21.000000	21.000000	Over target	Annual	007SO18266 : Restore Military Readiness to Build a More Lethal Force	No
Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment						

NONE