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Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	-	5.225	21.574	27.223	-	27.223	60.063	67.576	32.519	34.711	Continuing	Continuing
083: <i>Global Combat Support Sys - Army</i>	-	1.958	1.655	1.128	-	1.128	0.311	0.317	0.000	0.000	Continuing	Continuing
08A: <i>Army Enterprise System Integration Program</i>	-	3.267	1.685	0.896	-	0.896	0.000	0.000	0.000	0.000	0.000	5.848
EK2: <i>GCSS-A Increment 2</i>	-	0.000	18.234	25.199	-	25.199	59.752	67.259	32.519	34.711	0.000	237.674

A. Mission Description and Budget Item Justification

The Global Combat Support System-Army (GCSS-Army) program has two components: a functional component titled GCSS-Army and a technology enabler component titled Army Enterprise Systems Integration Program (AESIP). GCSS-Army coupled with AESIP are information and communications technology investments that will provide key enabling support to the transformation of the Army into a network-centric, knowledge-based future force. The GCSS-Army approved Capability Description Document (CDD) and Capability Production Document (CPD) require an enterprise approach to replace current logistics and maintenance Standard Army Management Information Systems (STAMIS). GCSS-Army will provide the Army's Sustainment Support for the warfighter with a seamless flow of timely, accurate, accessible and secure information management that gives combat forces a decisive edge. AESIP will provide the system's enterprise hub services, centralized master data management and cross-functional business intelligence/analytics. GCSS-Army will implement best business practices to streamline supply, accountability, maintenance, distribution, and reporting procedures in support of the future force transition path of the Army Campaign Plan.

B. Program Change Summary (\$ in Millions)

	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017 Base</u>	<u>FY 2017 OCO</u>	<u>FY 2017 Total</u>
Previous President's Budget	4.525	12.274	11.368	-	11.368
Current President's Budget	5.225	21.574	27.223	-	27.223
Total Adjustments	0.700	9.300	15.855	-	15.855
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	9.300			
• Reprogrammings	0.870	-			
• SBIR/STTR Transfer	-0.170	-			
• Adjustments to Budget Years	-	-	15.855	-	15.855

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<u>Change Summary Explanation</u> FY 2017 RDTE increased to progress GCSS-Army Increment II functionality. Funding will be for technology maturation, requirements analysis and initial prototyping.		

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army										Date: February 2016		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>				Project (Number/Name) 083 / <i>Global Combat Support Sys - Army</i>			
COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
083: <i>Global Combat Support Sys - Army</i>	-	1.958	1.655	1.128	-	1.128	0.311	0.317	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

GCSS-Army is the tactical unit / installation logistics and financial system for the U.S. Army. GCSS-Army is an Enterprise Resource Planning (ERP) solution that will track supplies, spare parts and organizational equipment. It will track unit maintenance, total cost of ownership and other financial transactions related to logistics for all Army units. This modernized application will subsume outdated Standard Army Management Information Systems (STAMIS) that are not financially compliant and integrate about numerous local supply and logistics databases into a single, enterprise-wide authoritative system. GCSS-Army will be financially compliant and is a key component for the Army Enterprise strategy to be financially auditable by the end of FY17. When fully deployed, GCSS-Army will affect every supply room, motor pool, direct support repair shop, warehouse, Director of Operational Logistics (DOL) and property book office in the Army.

GCSS-Army will modernize automated logistics by implementing best business practices to streamline supply operations, maintenance operations, property accountability, and tactical logistics and financial management and integration procedures in support of the Future Force transition path of the Army Campaign Plan. GCSS-Army is a key component of the Federated ERP Integration solution that will optimize tactical logistics and finance domain business processes into a single federated approach. It will eliminate the need for extensive maintenance and modification of aging, diverse software systems resulting in improved and efficient change control and configuration management through implementation of an enterprise system.

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

	FY 2015	FY 2016	FY 2017
Title: Government System Test and Evaluation	1.958	1.655	1.128
Description: Plans, conducts and reports on developmental tests and assists in planning, conducting, and reporting of operational and interoperability tests, assessments, and experiments in order to provide essential information for the acquisition and fielding of warfighting systems.			
FY 2015 Accomplishments: GCSS-Army conducted an Operational Assessment, lead by ATEC and DOT&E, from 12 November 2014 to 9 April 2015 in accordance with the Program's FDD Acquisition Program Baseline requirements. The system was proven to be operationally effective, suitable, and survivable in its current state.			
FY 2016 Plans: The program will be in Increment 1, Wave 1&2 Fielding, fixing any major issues in the ERP solution that are identified as the fielding continues and making necessary updates to the software baseline to meet auditability requirements.			
FY 2017 Plans:			

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) 083 / <i>Global Combat Support Sys - Army</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
The program will be in Increment 1, Wave 2 Fielding, fixing any major issues in the ERP solution that are identified as the fielding continues and making necessary updates to the software baseline to meet auditability requirements.			
Accomplishments/Planned Programs Subtotals	1.958	1.655	1.128

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

Line Item	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
• W00800: <i>GCSS-Army Other Procurement, Army (OPA)</i>	117.524	143.262	152.965	-	152.965	31.178	2.408	2.479	-	Continuing	Continuing

Remarks

D. Acquisition Strategy

GCSS-Army has an evolutionary acquisition strategy as defined in DoD Directive 5000.01 and DoD Instruction 5000.02 and will define, develop, and deploy an initial operational capability based upon proven technology, time-phased requirements, projected threat assessments, and demonstrated manufacturing capabilities. Increment 1 will be a viable stand alone capability that will not require subsequent releases to be operational.

GCSS-Army Increment I is being implemented in three releases.

Release 1.0 replaces: Standard Army Retail Supply System (SARSS) at one Direct Support Unit (DSU) in the 11th Armored Cavalry Regiment (ACR), Fort Irwin, California. An Operational Assessment (OA) was conducted on Release 1.0 and information is gathered through Continuous Evaluation.

Release 1.1 subsumes Release 1.0 and provides over 80% of the required GCSS-Army capability.

Release 1.2 represents the complete baseline with all required capabilities provided.

E. Performance Metrics

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) 083 / <i>Global Combat Support Sys - Army</i>
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Management Services (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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			
1. PM GCSS-Army- PMO Operations	Various	PM GCSS-Army : Fort Lee, VA 23805	103.931	-		-		-		-		-	0	103.931	62.385
Subtotal			103.931	-		-		-		-		-	0.000	103.931	62.385

Product Development (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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			
1. Enterprise Resource Planning (ERP) design and development	C/FPAF	Northrop Grumman Information Systems : Chester, VA 23836	465.845	-		-		-		-		-	0	465.845	453.329
Government Developer Subject Matter Experts	IA	ASA (FM&C), CASCOM and GFEBs : Various Locations	22.315	-		-		-		-		-	Continuing	Continuing	19.730
Subtotal			488.160	-		-		-		-		-	-	-	473.059

Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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			
1. PM Support - Independent Verification and Validation (IV&V)	C/T&M	CAP Gemini : 2250 Corporate Park Dr, Herndon, VA 20171	1.031	-		-		-		-		-	0	1.031	1.031
2. PM Support - Program Management Support Services A	C/T&M	Engility Corporation : 3750 Centerview Drive Chantilly, VA 20151	1.386	-		-		-		-		-	0.000	1.386	25.580
3. PM Support - Program Management Support Services B	C/T&M	Logistics Management Institute : Colonial Heights, VA 23834	42.101	-		-		-		-		-	0	42.101	34.531

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Army												Date: February 2016			
Appropriation/Budget Activity 2040 / 7				R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>					Project (Number/Name) 083 / <i>Global Combat Support Sys - Army</i>						
Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
Subtotal			44.518	-		-		-		-		-	0.000	44.518	61.142
Test and Evaluation (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
1. Test and Evaluation - Test and Evaluation	IA	AEC, ATEC, OTC and JITC : Various Locations	34.762	1.958		1.655		1.128		-		1.128	Continuing	Continuing	0
Subtotal			34.762	1.958		1.655		1.128		-		1.128	-	-	0.000
Project Cost Totals			671.371	1.958		1.655		1.128		-		1.128	-	-	596.586
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) 083 / <i>Global Combat Support Sys - Army</i>
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Event Name	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
	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
Field Wave 1																												
GCSS-Army Release 1.2 (Wave 2) Plan, Analyze, Design, Build & Test																												
(1) Release 1.2 (Wave 2) Lead Site Verification Test	▲ 1																											
(2) Release 1.2 (Wave 2) In Progress Review	▲ 2																											
Field Release 1.2 (Wave 2)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) 083 / <i>Global Combat Support Sys - Army</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Field Wave 1	1	2013	1	2016
GCSS-Army Release 1.2 (Wave 2) Plan, Analyze, Design, Build & Test	3	2011	4	2015
Release 1.2 (Wave 2) Lead Site Verification Test	3	2015	3	2015
Release 1.2 (Wave 2) In Progress Review	4	2015	4	2015
Field Release 1.2 (Wave 2)	1	2015	4	2017

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army										Date: February 2016		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>				Project (Number/Name) 08A / <i>Army Enterprise System Integration Program</i>			
COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
08A: <i>Army Enterprise System Integration Program</i>	-	3.267	1.685	0.896	-	0.896	0.000	0.000	0.000	0.000	0.000	5.848
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Not applicable for this item.

A. Mission Description and Budget Item Justification

Army Enterprise Systems Integration Program (AESIP), mission is to integrate Army business processes by providing a single source for enterprise hub services, centralized master data management, and business intelligence and analytics. AESIP is the principle GCSS-Army Business Intelligence system and will aggregate data for enterprise reporting. AESIP will support the Army's federated approach and enable the integration of end-to-end logistical and financial processes. The Army has successfully addressed concerns about the lack of integration of ERPs by leveraging AESIP core capabilities and expanding those benefits across the Army enterprise. AESIP will be an Army specific commercial off-the-shelf (COTS) web portal implementation via the NetWeaver Platform from developer Systems Applications and Products (SAP) American Group to support Army process scenarios and requirements that will provide core competencies:

- Enterprise Service Bus (Hub Services) - For a Service oriented, Single Point of Entry to connect, mediate, and control the exchange of data.
- Enterprise Business Intelligence/Business Warehouse - Aggregates data from ERP and non-ERP systems to provide flexible Enterprise level reporting.
- Enterprise Master Data Management - For a single source of authoritative data and improved workflow and business processes.

The AESIP solution establishes a framework for a fully integrated ERP centric environment that will ultimately provide Commanders Total Visibility from Factory to Battlefield thereby ensuring delivery of the right equipment to the right unit at the right time, while reducing backlogs of material on the battlefield.

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

	FY 2015	FY 2016	FY 2017
Title: Production & Full Deployment Phases Contract Activity	2.723	1.429	0.896
Description: Manage Government contracts associated with work relating to acquisition, engineering, planning and integration activities supporting Army Enterprise Systems Integration Program (AESIP).			
FY 2015 Accomplishments: Addressed system enhancement requests from users and critical requirements from CASCOM or LOGSA during the GCSS-Army full fielding. Expand Business Analytics capability across the Army providing access to data from ERP and non-ERP systems.			
FY 2016 Plans:			

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) 08A / <i>Army Enterprise System Integration Program</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
<p>Will address system enhancement requests from users and critical requirements from CASCOM or LOGSA during the GCSS-Army full fielding. Enhance the Customer Vender Solution (CVS); required for migrating remaining customer functionality into ERP Central Component (ECC) and expanding customer records. Expand Business Analytics capability across the Army providing access to data from ERP and non-ERP systems; retiring duplicative capabilities.</p> <p>FY 2017 Plans: Will address system enhancement requests from users and critical requirements from CASCOM or LOGSA during the GCSS-Army full fielding. Enhance the Customer Vender Solution (CVS); required for migrating remaining customer functionality into ERP Central Component (ECC) and expanding customer records. Expand Business Analytics capability across the Army providing access to data from ERP and non-ERP systems; retiring duplicative capabilities.</p>			
<p>Title: Government System Test and Evaluation</p> <p>Description: Plans, conducts and reports on developmental tests and assists in planning, conducting, and reporting of operational and interoperability tests, assessments, and experiments.</p> <p>FY 2015 Accomplishments: Continued developmental and operational (ATEC and JITC) testing and evaluation of AESIP Hub Services products as well as participated in GCSS-Army's Operational Assessment.</p> <p>FY 2016 Plans: Will continue evaluation in support of GCSS-Army Increment 1, Wave 1 & 2 Fielding, identifying issues during fielding and documenting necessary updates to the software baseline for auditability requirements.</p>	0.544	0.256	-
Accomplishments/Planned Programs Subtotals	3.267	1.685	0.896

C. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u> <u>Base</u>	<u>FY 2017</u> <u>OCO</u>	<u>FY 2017</u> <u>Total</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• AESIP Procurement: <i>AESIP Other Procurement, Army (OPA) (SSN W11001)</i>	1.076	3.392	2.695	-	2.695	2.156	1.239	5.260	3.349	Continuing	Continuing
Remarks											

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) 08A / <i>Army Enterprise System Integration Program</i>

D. Acquisition Strategy

As the technical component of GCSS-Army, AESIP employs an evolutionary acquisition strategy as defined in DoD Directive 5000.01 and DoD Instruction 5000.02, and will define, develop, and deploy an initial operational capability based upon proven technology, time-phased requirements, projected threat assessments, and demonstrated manufacturing capabilities. The system will be developed in multiple releases then integrated and synchronized with related systems.

E. Performance Metrics

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) 08A / <i>Army Enterprise System Integration Program</i>
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Management Services (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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			
1. PM AESIP- PMO Operations	Various	PM AESIP : 5911 Kingstowne Village Pkwy, Alexandria, VA 22315	26.090	-		-		-		-		-	0	26.090	26.090
Subtotal			26.090	-		-		-		-		-	0.000	26.090	26.090

Product Development (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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			
1. Enterprise Resource Planning (ERP) Implementation Systems Integration	C/T&M	Computer Sciences Corporation (CSC) : 3160 Fairview Park Drive, Falls Church, VA 22042	118.445	-		-		-		-		-	0.000	118.445	118.445
2. Enterprise Resource Planning (ERP) Implementation - Technical Support Services	FFRDC	MITRE Corporation : 7615 Colshire Drive, McLean, VA 22102	7.179	-		-		-		-		-	0.000	7.179	7.179
3. Enterprise Resource Planning (ERP) - Government Lead Systems Integrator	IA	US Army ARDEC : Picatinny Arsenal, NJ 08706	49.500	-		-		-		-		-	Continuing	Continuing	Continuing
4. Enterprise Resource Planning (ERP) - Technical Support Services	C/T&M	Systems Applications and Services (SAP) : 1300 Pennsylvania Ave, Washington, DC 20004	16.205	-		-		-		-		-	Continuing	Continuing	Continuing
5. Enterprise Resource Planning (ERP) - ERP/SAP Technical and Management Support Services	C/T&M	iLuMina Solution Inc. : 23330 Cottonwood, California, MD 20619	5.313	-		-		-		-		-	0	5.313	5.313

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Army												Date: February 2016			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)				Project (Number/Name)							
2040 / 7				PE 0303141A / Global Combat Support System				08A / Army Enterprise System Integration Program							
Product Development (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
6. Enterprise Resource Planning (ERP) - Enterprise Application Services A	C/T&M	Attain, LLC : 8000 Towers Crescent Dr., Vienna, VA 22182	8.931	-		-		-		-		-	Continuing	Continuing	Continuing
7. Enterprise Resource Planning (ERP) - Enterprise Application Services B	C/T&M	Insap Services Inc. : 12000 Lincoln Dr. Marlton, NJ 08053	0.020	-		-		-		-		-	Continuing	Continuing	Continuing
8. Enterprise Resource Planning (ERP) - Enterprise Application Services C	C/T&M	Oakland Consulting Group Inc : 9501 Sheridan, Lanham, MD 20706	11.897	-		-		0.896		-		0.896	Continuing	Continuing	Continuing
Enterprise Resource Planning (ERP) - Enterprise Application Services D	C/T&M	VARIOUS : VARIOUS	13.947	2.723	Jan 2015	1.429		-		-		-	0	18.099	0
9. Enterprise Resource Planning (ERP) - Enterprise Integration Services	C/T&M	EDC Consulting LLC : 1104 Good Hope Rd SE, Washington, DC 20020	1.364	-		-		-		-		-	Continuing	Continuing	Continuing
10. Enterprise Resource Planning (ERP) - Infrastructure Services	C/T&M	TBD : TBD	0.100	-		-		-		-		-	Continuing	Continuing	Continuing
Subtotal			232.901	2.723		1.429		0.896		-		0.896	-	-	-
Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
1. PM Support - Program Management Support Services A	C/FFP	L3 Services Inc. (MPRI Division) : 1320 Braddock	6.940	-		-		-		-		-	0	6.940	6.940

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2040 / 7				PE 0303141A / Global Combat Support System				08A / Army Enterprise System Integration Program							
Support (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
		PL, Alexandria, VA 22314													
2. PM Support - Program Management Support Services B	C/T&M	LMI Government Consulting : 2000 Corporate Ridge, McLean, VA 22102	26.208	-		-		-		-		-	0.000	26.208	26.208
3. PM Support - Program Management Support Services C	C/T&M	Science Applications Internation Corporation (SAIC) : 1710 SAIC Dr., McLean, VA 22102	7.020	-		-		-		-		-	0.000	7.020	7.020
4. PM Support - Indepent Verification and Validation (IV&V)	C/T&M	CAP Gemini : 2250 Corporate Park Dr, Herndon, VA 20171	2.104	-		-		-		-		-	0.000	2.104	2.104
Subtotal			42.272	-		-		-		-		-	0.000	42.272	42.272
Test and Evaluation (\$ in Millions)				FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 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
1. Test and Evaluation - Test and Evaluation	IA	AEC, ATEC, OTC and JITC : Various Locations	3.242	0.544		0.256		-		-		-	Continuing	Continuing	Continuing
Subtotal			3.242	0.544		0.256		-		-		-	-	-	-
Project Cost Totals			304.505	3.267		1.685		0.896		-		0.896	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) 08A / <i>Army Enterprise System Integration Program</i>
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Event Name	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
	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
Increment 1 Enterprise Service Bus (Hub Services)																												
Increment 1 Enterprise Master Data Management																												
Increment 1 - Enterprise Business Intelligence/Business Warehouse																												
Material Master (MM) Release 3.3																												
MM Release 3.5																												
GCSS-Army Release 1.1 (Wave 1) - Fielding																												
Customer Vender Solution 2.0																												
GCSS-Army Release 1.2 (Wave 2) Plan, Analyze, Design, Build & Test																												
GCSS-Army Wave 2 - Fielding																												
(1) GCSS-Army Release 1.2 (Wave 2) -In Progress Review																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) 08A / <i>Army Enterprise System Integration Program</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Increment 1 Enterprise Service Bus (Hub Services)	4	2008	4	2017
Increment 1 Enterprise Master Data Management	4	2008	4	2017
Increment 1 - Enterprise Business Intelligence/Business Warehouse	4	2008	4	2017
Material Master (MM) Release 3.3	4	2012	4	2015
MM Release 3.5	4	2012	2	2015
GCSS-Army Release 1.1 (Wave 1) - Fielding	1	2013	1	2016
Customer Vender Solution 2.0	2	2013	4	2016
GCSS-Army Release 1.2 (Wave 2) Plan, Analyze, Design, Build & Test	3	2011	4	2015
GCSS-Army Wave 2 - Fielding	1	2015	4	2017
GCSS-Army Release 1.2 (Wave 2) -In Progress Review	4	2015	4	2015

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army										Date: February 2016		
Appropriation/Budget Activity 2040 / 7					R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>					Project (Number/Name) EK2 / <i>GCSS-A Increment 2</i>		
COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
EK2: <i>GCSS-A Increment 2</i>	-	0.000	18.234	25.199	-	25.199	59.752	67.259	32.519	34.711	0.000	237.674
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Global Combat Support System-Army (GCSS-Army) program has two components: a functional component titled GCSS-Army and a technology enabler component titled Army Enterprise Systems Integration Program (AESIP). GCSS-Army coupled with AESIP are information and communications technology investments that will provide key enabling support to the transformation of the Army into a network-centric, knowledge-based future force. Building on the foundation of GCSS-Army Increment 1, Increment 2 will provide the Army Enterprise Aviation maintenance, enhanced Business Intelligence / Business Warehouse (BI/BW) and Army Pre-Positioned Stock (APS) functional capabilities to deliver greater efficiencies and to improve information flow and accuracy in real time to decision makers. Upon the completion of Increment II, the Unit Level Logistics System-Aviation (Enhanced) (ULLS-A(E)), Unmanned Aircraft System-Initiative (UAS-I), and Army War Reserve Deployment System (AWRDS) will be eligible for retirement since the necessary functionality will have been replaced by GCSS-Army increments. GCSS-A will provide the Army sustainment support for the warfighter with a seamless flow of timely, accurate, accessible and secure management information that gives combat forces a decisive edge.

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

	FY 2015	FY 2016	FY 2017
Title: Technology Maturation and Risk Reduction Phase	-	18.234	18.899
Description: During the Technology Maturation and Risk Reduction (TMRR) phase, the program develops and demonstrates prototype designs to reduce technical risk, validate design approaches, validate cost estimates, and refine requirements. TMRR is an iterative process of maturing technologies and refining user performance parameters to ensure an affordable and executable production program.			
FY 2016 Plans: Perform analysis to assess risk, affordability, and feasibility. Begin fit/gap analysis and blueprinting of stakeholder requirements. Efforts are intended to reduce the specific risks (e.g. technology, engineering, integration and life-cycle risk) associated with the incremental development of the GCSS-Army system.			
FY 2017 Plans: Perform analysis to assess risk, affordability, and feasibility. Continue fit/gap analysis and blueprinting of stakeholder requirements. Efforts are intended to reduce the specific risks (e.g. technology, engineering, integration and life-cycle risk) associated with the incremental development of the GCSS-Army system.			
Title: System Design, Build and Test	-	-	6.300

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Exhibit R-2A, RDT&E Project Justification: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) EK2 / <i>GCSS-A Increment 2</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
Description: The purpose of this phase is to begin development of a system or an incremental capability that is affordable and executable that satisfies Key Performance Parameters and Key System Attributes .			
FY 2017 Plans: Maturation of technologies including demonstrating and assessing them in a relevant environment. Perform trade analysis between cost, schedule and performance with revision of requirements and designs. Creation of the Systems functional baseline, System performance specification in preparation for a Preliminary Design Review.			
Accomplishments/Planned Programs Subtotals	-	18.234	25.199

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
• GCSS-Army Increment II OPA: GCSS-Army Increment II Other Procurement (SSN W11011)	-	-	-	-	-	-	7.110	31.314	56.763	0.000	95.187

Remarks

D. Acquisition Strategy

In FY16 and FY17, initial work in blueprinting, architecture development and documentation required for a MS B decision will take place. The request for proposal and contract strategy will be formulated during this time with an RFP release scheduled for late FY17. The program will request permission from the MDA, the USD(AT&L), to begin Increment 2 work in FY17, working towards a MS B Decision in 2QFY18. Development work will begin in FY18 upon contract award.

E. Performance Metrics

N/A

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Exhibit R-4, RDT&E Schedule Profile: PB 2017 Army **Date:** February 2016

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) EK2 / <i>GCSS-A Increment 2</i>
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Event Name	FY 2015				FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021			
	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
Preliminary Design, RFP, Source Selection, Prototyping, Requirements																												
(1) MDA Meeting					▲ 1																							
(2) Milestone B													▲ 2															
(3) Milestone C																					▲ 3							
(4) Milestone FDD																					▲ 4							

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Army		Date: February 2016
Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / <i>Global Combat Support System</i>	Project (Number/Name) EK2 / <i>GCSS-A Increment 2</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Preliminary Design, RFP, Source Selection, Prototyping, Requirements Analysis	1	2016	3	2017
MDA Meeting	2	2016	2	2016
Milestone B	3	2018	3	2018
Milestone C	1	2020	1	2020
Milestone FDD	1	2020	1	2020

Note

The schedule for GCSS-Army Increment 2 is draft and pre-decisional and may change once work begins in FY16. The above schedule is based on estimates from the DoDI 5000.02 for an incrementally deployed software intensive program.

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