Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Army											Date: May 2017	
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I BA 7: Operational Systems Development*					**R-1 Program Element (Number/Name)** PE 0303141A *I Global Combat Support System*							

COST ($ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	-	25.304	28.667	64.370	-	64.370	74.484	33.890	7.376	6.259	Continuing	Continuing
083: *Global Combat Support Sys - Army*	-	1.589	1.128	0.307	-	0.307	0.313	0.324	0.333	0.346	Continuing	Continuing
08A: *Army Enterprise System Integration Program*	-	1.618	2.340	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	3.958
EK2: *GCSS-A Increment 2*	-	22.097	25.199	64.063	-	64.063	74.171	33.566	7.043	0.913	0.000	227.052
EK3: *AESIP Increment 2*	-	0.000	0.000	0.000	-	0.000	0.000	0.000	0.000	5.000	0.000	5.000

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 soldier 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)

	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Previous President's Budget	21.574	27.223	60.063	-	60.063
Current President's Budget	25.304	28.667	64.370	-	64.370
Total Adjustments	3.730	1.444	4.307	-	4.307
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.487	-			
• Adjustments to Budget Years	4.217	1.444	0.000	-	0.000
• Other Adjustments 1	0.000	0.000	4.307	-	4.307

Exhibit R-2, **RDT&E Budget Item Justification:** FY 2018 Army		**Date:** May 2017
Appropriation/Budget Activity 2040: *Research, Development, Test & Evaluation, Army I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0303141A *I Global Combat Support System*	

Change Summary Explanation

FY16 Army reprogramming-

Increase Proj EK2: +4.217 million

FY17 Additional Appropriation Request 373141.08A: $1.444 million

FY18 Army program adjustment increase to EK2: $4.311 million; program adjustment decrease to 083: $0.004 million

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army											Date: May 2017	
Appropriation/Budget Activity 2040 I 7				**R-1 Program Element (Number/Name)** PE 0303141A I *Global Combat Support System*						**Project (Number/Name)** 083 I *Global Combat Support Sys - Army*		
COST ($ in Millions)	**Prior Years**	**FY 2016**	**FY 2017**	**FY 2018 Base**	**FY 2018 OCO**	**FY 2018 Total**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**Cost To Complete**	**Total Cost**
083: *Global Combat Support Sys - Army*	-	1.589	1.128	0.307	-	0.307	0.313	0.324	0.333	0.346	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 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. When fully deployed, GCSS-Army will affect every supply room, motor pool, direct support repair shop, warehouse, Logistics Readiness Centers (LRCs) 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. Delivering GCSS-Army will eliminate the need for extensive maintenance and modification of aging, diverse software systems that are not cyber compliant, resulting in improved and efficient change control and configuration management through implementation of an enterprise system.

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2016**	**FY 2017**	**FY 2018**
Title: Government System Test and Evaluation	1.589	1.128	0.307
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 2016 Accomplishments:* As a result of completing nearly 50% of Increment 1 Wave 2 fielding, funding was utilized to fix any major issues in the ERP solution that were identified as the fielding continued and made necessary updates to the software baseline to meet auditability and cyber security requirements. *FY 2017 Plans:* The program will be at the end of 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. As of 31 Mar 17 fielding of Wave 2 is 70% complete. *FY 2018 Plans:*			

Exhibit R-2A, **RDT&E Project Justification:** FY 2018 Army		**Date:** May 2017
Appropriation/Budget Activity 2040 *I* 7	**R-1 Program Element (Number/Name)** PE 0303141A *I Global Combat Support System*	**Project (Number/Name)** 083 *I Global Combat Support Sys - Army*

B. Accomplishments/Planned Programs ($ in Millions)	**FY 2016**	**FY 2017**	**FY 2018**
FY18 Base Plans (continued) The program finishes Increment 1, Wave 2 fielding. Funding will be utilized to perform regression testing to ensure proper interfaces remain interoperable with system and technology upgrades and modifications.			
Accomplishments/Planned Programs Subtotals	1.589	1.128	0.307

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
• W00800: *GCSS-Army Other Procurement, Army (OPA)*	143.262	152.965	30.637	-	30.637	2.394	2.316	0.069	0.025	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.

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

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army											Date: May 2017	
Appropriation/Budget Activity 2040 I 7				**R-1 Program Element (Number/Name)** PE 0303141A I *Global Combat Support System*					**Project (Number/Name)** 08A I *Army Enterprise System Integration Program*			
COST ($ in Millions)	**Prior Years**	**FY 2016**	**FY 2017**	**FY 2018 Base**	**FY 2018 OCO**	**FY 2018 Total**	**FY 2019**	**FY 2020**	**FY 2021**	**FY 2022**	**Cost To Complete**	**Total Cost**
08A: *Army Enterprise System Integration Program*	-	1.618	2.340	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	3.958
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 2016**	**FY 2017**	**FY 2018**
Title: Production & Full Deployment Phases Contract Activity	1.362	2.340	-
Description: Manage Government contracts associated with work relating to acquisition, engineering, planning and integration activities supporting Army Enterprise Systems Integration Program (AESIP). *FY 2016 Accomplishments:* Implemented system enhancements as requested from users and critical requirements from CASCOM or LOGSA during the GCSS-Army full fielding. Enhanced the Customer Vender Solution (CVS); required for migrating remaining customer functionality			

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 I 7	R-1 Program Element (Number/Name) PE 0303141A I *Global Combat Support System*	Project (Number/Name) 08A I *Army Enterprise System Integration Program*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2016	FY 2017	FY 2018
into ERP Central Component (ECC) and expanding customer records. Expanded Business Analytics capability across the Army providing access to data from ERP and non-ERP systems; retiring duplicative capabilities. ***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. Additional FY17 Appropriations: Funds will be used to develop Business Intelligence/Business Warehouse (BI/BW) technology application to AESIP, to include data warehousing functionality, a business intelligence platform, and a suite of business intelligence tools integrated to the enterprise. Relevant business information from productive SAP applications and all external data sources will be integrated, transformed, and consolidated in BI with the toolset provided. PM will develop an integration architecture for data warehousing workbench, a BI platform, Business Explorer suite, open analysis interfaces, and apply other technologies to AESIP and the ERP suite.			
Title: Government System Test and Evaluation ***Description:*** Plans, conducts and reports on developmental tests and assists in planning, conducting, and reporting of operational and interoperability tests, assessments, and experiments. ***FY 2016 Accomplishments:*** 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.	0.256	-	-
Accomplishments/Planned Programs Subtotals	1.618	2.340	-

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
• AESIP Procurement: *AESIP Other Procurement, Army (OPA) (SSN W11001)*	3.392	2.695	2.697	-	2.697	1.253	5.096	3.374	2.620	Continuing	Continuing

Remarks

Exhibit R-2A, **RDT&E Project Justification:** FY 2018 Army		**Date:** May 2017
Appropriation/Budget Activity 2040 *I* 7	**R-1 Program Element (Number/Name)** PE 0303141A *I Global Combat Support System*	**Project (Number/Name)** 08A *I Army Enterprise System Integration Program*

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

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army										Date: May 2017	
Appropriation/Budget Activity 2040 I 7				**R-1 Program Element (Number/Name)** PE 0303141A I *Global Combat Support System*						**Project (Number/Name)** EK2 I *GCSS-A Increment 2*	

COST ($ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
EK2: *GCSS-A Increment 2*	-	22.097	25.199	64.063	-	64.063	74.171	33.566	7.043	0.913	0.000	227.052
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 currently provides 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 2, 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-Army 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 2016	FY 2017	FY 2018
Title: Technology Maturation and Risk Reduction Phase *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 Accomplishments:* Performed analysis to assess risk, affordability, and feasibility of the capability required. Continue the 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. *FY 2018 Plans:*	22.097	24.279	20.573

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 7	**R-1 Program Element (Number/Name)** PE 0303141A / Global Combat Support System	**Project (Number/Name)** EK2 / GCSS-A Increment 2

B. Accomplishments/Planned Programs ($ in Millions)	FY 2016	FY 2017	FY 2018
Complete 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 **Description:** The purpose of this phase is to begin the system development for an incremental capability that is affordable and executable to satisfy the Key Performance Parameters and Key System Attributes . **FY 2018 Plans:** Finish design phase and begin the development and build of Increment 2. Develop test plans preparatory to begin testing. Verify achievement of critical technical parameters and the ability to achieve key performance parameters, and assess progress toward achievement of critical operational issues. Validate system functionality. Identify system capabilities, limitations, and deficiencies. Assess system specification compliance, system safety, and compatibility with relational database management systems.	-	-	42.550
Title: PMO Operations **Description:** Program Management operations to support engineering and manufacturing development. **FY 2017 Plans:** Program Management operations to support engineering and manufacturing development. **FY 2018 Plans:** Program Management operations to support engineering and manufacturing development.	-	0.920	0.940
Accomplishments/Planned Programs Subtotals	22.097	25.199	64.063

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
• GCSS-Army Increment 2 OPA: *GCSS-Army Increment 2 Other Procurement (SSN W11011)*	-	-	3.867	-	3.867	6.925	27.526	35.469	12.356	56.924	143.067

Remarks

D. Acquisition Strategy

GCSS-Army Increment 2 continues the evolutionary acquisition strategy of Increment 1 and will define, develop, and deploy additional and enhanced capabilities to GCSS-Army based upon proven technology, time-phased requirements, projected threat assessments, and demonstrated manufacturing capabilities.

Exhibit R-2A, **RDT&E Project Justification:** FY 2018 Army		**Date:** May 2017
Appropriation/Budget Activity 2040 *I* 7	**R-1 Program Element (Number/Name)** PE 0303141A *I Global Combat Support System*	**Project (Number/Name)** EK2 *I GCSS-A Increment 2*

GCSS-Army Increment 2 is being implemented in three waves:

Wave 1 provides the Army Enterprise Aviation maintenance capability.

Wave 2 provides the enhanced Business Intelligence/Business Warehouse (BI/BW) capability.

Wave 3 provides the Army Pre-Positioned Stock (APS) capability

E. Performance Metrics
N/A

Exhibit R-3, **RDT&E Project Cost Analysis:** FY 2018 Army		**Date:** May 2017
Appropriation/Budget Activity 2040 / 7	**R-1 Program Element (Number/Name)** PE 0303141A / *Global Combat Support System*	**Project (Number/Name)** EK2 / *GCSS-A Increment 2*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
PMO Operations	TBD	PMO : Huntsville AL	0.000	-		0.920		0.940		-		0.940	2.920	4.780	0.000
Subtotal			0.000	-		0.920		0.940		-		0.940	2.920	4.780	0.000

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Technology Maturization and Risk Reduction	Various	Various : Various	0.000	22.097	Mar 2016	24.279	Feb 2017	20.573		-		20.573	0.000	66.949	0.000
System Design, build and test	C/CPFF	TBD : TBD	0.000	-		-		42.550	Apr 2018	-		42.550	72.847	115.397	115.397
Subtotal			0.000	22.097		24.279		63.123		-		63.123	72.847	182.346	115.397

Remarks

Finish Design and begin development (FY17-FY18) and build of Increment 2. Verify achievement of critical technical parameters and the ability to achieve key performance parameters, and assess progress toward achievement of critical operational issues. Validate system functionality. Identify system capabilities, limitations, and deficiencies. Assess system specification compliance, system safety, and compatibility.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2016 Cost	FY 2016 Award Date	FY 2017 Cost	FY 2017 Award Date	FY 2018 Base Cost	FY 2018 Base Award Date	FY 2018 OCO Cost	FY 2018 OCO Award Date	FY 2018 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation	C/Various	TBD : TBD	0.000	-		-		-		-		-	39.916	39.916	39.916
Subtotal			0.000	-		-		-		-		-	39.916	39.916	39.916

Remarks

Test and evaluation efforts anticipated to begin FY19.

	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	22.097	25.199	64.063	-	64.063	115.683	227.042	-

Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Army									**Date:** May 2017

Appropriation/Budget Activity 2040 *I* 7			R-1 Program Element (Number/Name) PE 0303141A *I* Global Combat Support System			Project (Number/Name) EK2 *I* GCSS-A Increment 2			

	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	Cost To Complete	Total Cost	Target Value of Contract
Remarks									

Exhibit R-4, RDT&E Schedule Profile: FY 2018 Army		Date: May 2017
Appropriation/Budget Activity 2040 / 7	**R-1 Program Element (Number/Name)** PE 0303141A / Global Combat Support System	**Project (Number/Name)** EK2 / GCSS-A Increment 2

Event Name	FY 2016				FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022			
	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 FDD																						▲3						

R-1 Line #215

Exhibit R-4A, **RDT&E Schedule Details:** FY 2018 Army		**Date:** May 2017
Appropriation/Budget Activity 2040 *I* 7	**R-1 Program Element (Number/Name)** PE 0303141A *I Global Combat Support System*	**Project (Number/Name)** EK2 *I GCSS-A Increment 2*

Schedule Details

Events	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
Preliminary Design, RFP, Source Selection, Prototyping, Requirements Analysis	1	2016	2	2018
MDA Meeting	2	2016	2	2016
Milestone B	3	2018	3	2018
Milestone FDD	2	2021	2	2021

Note

The schedule for GCSS-Army Increment 2 is based upon the Army Acquisition Executive (AAE) decision to utilize the Government Lead System Integrator (LSI) strategy. .

Exhibit R-2A, RDT&E Project Justification: FY 2018 Army										**Date:** May 2017	

Appropriation/Budget Activity 2040 / 7	R-1 Program Element (Number/Name) PE 0303141A / Global Combat Support System	Project (Number/Name) EK3 / AESIP Increment 2

COST ($ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
EK3: *AESIP Increment 2*	-	0.000	0.000	0.000	-	0.000	0.000	0.000	0.000	5.000	0.000	5.000
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 currently provides 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 2, 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-Army 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)

N/A

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

E. Performance Metrics

N/A