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Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Army	Date: May 2017
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Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)							
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	-	20.533	6.805	49.554	-	49.554	36.931	42.002	22.460	18.967	Continuing	Continuing
DV6: General Fund Enterprise Business System	-	6.415	0.000	39.554	-	39.554	32.631	32.657	17.808	3.328	Continuing	Continuing
EV4: General Fund Enterprise Business System Inc 2	-	0.000	6.805	0.000	-	0.000	1.728	6.723	1.980	12.889	0.000	30.125
GF5: General Fund Enterprise Business System	-	14.118	0.000	10.000	-	10.000	2.572	2.622	2.672	2.750	0.000	34.734

A. Mission Description and Budget Item Justification

The General Fund Business Enterprise System (GFEBS) is a Major Automated Information System program and is currently in the sustainment phase. It followed the DoD Business Enterprise Architecture which is aligned to the mandated Federal Enterprise Architecture. GFEBS was implemented to fulfill the needs and comply with the Federal Financial Management Improvement Act, The Chief Financial Officers Act of 1990, the Government Performance and Results Act of 1993, the Government Management Reform Act of 1994, and the Clinger-Cohen Act of 1996 and to fulfill the stated mission of the Assistant Secretary of the Army for Financial Management and Comptroller. GFEBS replaced subsumed the capabilities of, in full or in part, financial systems operating in excess of 40 years including the Standard Finance System and other costly feeder systems which do not allow the Department of Defense or the U.S. government to achieve an unqualified audit opinion on its financial statements. GFEBS is used to administer the Army's General Fund. GFEBS was developed using a commercial off-the-shelf Enterprise Resource Planning system that is certified by the Chief, Financial Officer Council and provides six core financial functions. GFEBS allows tactical commanders to make informed decisions on a virtually real time information. On 1 October 2008, GFEBS deployed to Wave 1 end users at Fort Jackson Garrison, Defense Finance Accounting Service (DFAS) Indianapolis, Indiana and several other organizations. The Full Deployment Decision was received by the Milestone Decision Authority on 24 June 2011 and Full Deployment was achieved on 1 July 2012. Today, GFEBS continues in sustainment. Efforts include sustaining the system and infrastructure, making modifications needed for audit readiness, compliancy, and upgrades required to maintain the system and meet SAP standards. Additionally, GFEBS continues to make changes as requested by the user community through the Process Owners Group, an SES and General Officers level board that prioritizes user needs. Some of these changes require developmental funding.

GFEBS-Sensitive Activities (SA): GFEBS-Sensitive Activities (SA): GFEBS-SA leverages the GFEBS base system, and is a commercial off-the-shelf Enterprise Resource Planning System certified by the Chief Financial Officers Council. Army still has classified and sensitive financial activity remaining in legacy systems that cannot be processed in our new, fully-fielded GFEBS. To protect sensitive information and enable auditability, Army needs a separate instance of GFEBS operated on a secure network for processing sensitive and classified financial transactions. GFEBS-SA will be implemented to 3,000 users across 100 locations worldwide. GFEBS-SA will integrate seamlessly with GFEBS to provide secure, web-based financial execution and reporting capabilities to the Army's classified and sensitive activities. SA is envisioned as a fully functional GFEBS application operated on a secure network leveraging off of the sustained system design.

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Appropriation/Budget Activity 2040: Research, Development, Test & Evaluation, Army I BA 5: System Development & Demonstration (SDD)	R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)
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GFEBS Increment II: GFEBS Increment II delivers new capabilities implemented in the GFEBS baseline. GFEBS Increment II will provide an extensive risk reduction per wave as required throughout the increment. Each wave will increase operational capabilities to enhance financial management, further audit readiness, allow integrated manning and budgeting, enable standardize labor tracking, allow end-to-end integration, enable legacy system retirement (~ 19+), and improve business analytics. The new Increment II requirements have been categorized by the functional community as Integrated Resource Management (IRM), Standard Labor Time Tracking (SLTT), and Expanded Financial Integration (EFI).

B. Program Change Summary (\$ in Millions)	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018 Base</u>	<u>FY 2018 OCO</u>	<u>FY 2018 Total</u>
Previous President's Budget	21.155	6.805	24.809	-	24.809
Current President's Budget	20.533	6.805	49.554	-	49.554
Total Adjustments	-0.622	0.000	24.745	-	24.745
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.622	-			
• Other Adjustments 1	0.000	0.000	24.745	-	24.745

Change Summary Explanation

FY18 funds realigned to GFEBS-SA (DV6) project in alignment with Army priorities. The GFEBS SA program was revamped and on a steady stream for contract execution.

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Army										Date: May 2017		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)				Project (Number/Name) DV6 / General Fund Enterprise Business 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
DV6: General Fund Enterprise Business System	-	6.415	0.000	39.554	-	39.554	32.631	32.657	17.808	3.328	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

Note

Project DV6 is General Fund Enterprise Business System - Sensitive Activities (GFEBS-SA).

A. Mission Description and Budget Item Justification

GFEBS-SA will be a fully functional GFEBS application operated on a secure network (SIPRNET), including additional performance requirements designed to protect sensitive intelligence operations and special operations missions. It will process Secret Collateral and below information while providing the GFEBS capabilities such as distribution and execution of appropriated funds, cost management, financial reporting, and asset management. GFEBS-SA will support the information exchanges with outside organizations that support the Army's sensitive activities mission including cross-security domain integration between SIPRNet and NIPRNet with GFEBS and other system partners. Services will be capable of being upgraded throughout the life of the program in order to incorporate advances in best business practices. GFEBS-SA is an essential financial program to comply with the Chief Financial Officers (CFO) Act and the Federal Financial Management Improvement Act (FFMIA) and prevent compromise of data that could cause grave harm to U.S. forces.

Initial implementation of the GFEBS SA project did not require development funds beyond FY16. Through Army analysis of the System Integrator, the project was reset on 9 September 2016 after an Army determination was made that the awarded System Integrator could not deliver a solution to meet the GFEBS-SA requirement. With this reset and Army strategic direction, GFEBS-SA is on track. A new System Integrator contract was awarded on 24 April 2017.

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

	FY 2016	FY 2017	FY 2018
Title: Product Development	6.415	-	39.554
Description: Funds provide development efforts for GFEBS-SA.			
FY 2016 Accomplishments: Funds provide development efforts for GFEBS-SA.			
FY 2018 Plans: Funds in FY18 are required to support system development including completion of build 1 consisting of 213 objects and design of build 2 consisting of 320 objects. Additionally, FY18 funding supports Program Office costs including System Engineering tools, Support Contract Labor, RMF/Cyber Security support, and DISA Data Center.			
Accomplishments/Planned Programs Subtotals	6.415	-	39.554

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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)	Project (Number/Name) DV6 / General Fund Enterprise Business System
C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
D. Acquisition Strategy Plan, develop, and manage GFEBS-SA as a separate instance from GFEBS base program to support evolutionary delivery of capabilities. The GFEBS-SA solution will be acquired as one Increment. Software will be incrementally developed through a set of builds to achieve full capability.		
E. Performance Metrics N/A		

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Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Army												Date: May 2017			
Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)				Project (Number/Name) DV6 / General Fund Enterprise Business System					
Product Development (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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	SS/ Various	Accenture Federal LLC : Alexandria, VA	0.000	-		-		29.577	Oct 2017	-		29.577	0.000	29.577	0.000
Subtotal			0.000	-		-		29.577		-		29.577	0.000	29.577	0.000
Support (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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
Support Costs	Various	PdM GFEBS SA : Arlington, VA	8.226	6.415		-		9.137	Oct 2017	-		9.137	0.000	23.778	0.000
Subtotal			8.226	6.415		-		9.137		-		9.137	0.000	23.778	0.000
Test and Evaluation (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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
Testing	IA	JITC/ATEC : Alexandria, VA	4.960	-		-		0.840	Jan 2018	-		0.840	0.000	5.800	0.000
Subtotal			4.960	-		-		0.840		-		0.840	0.000	5.800	0.000
			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			13.186	6.415		0.000		39.554		-		39.554	0.000	59.155	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: FY 2018 Army																Date: May 2017																
Appropriation/Budget Activity 2040 / 5								R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)								Project (Number/Name) DV6 / General Fund Enterprise Business System																
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				
Program Management																																
(1) Milestone B (ATP 3)																																
Development System Build 1																																
Development System Build 2																																
Development System Build 3																																
(2) Initial Operating Capability (IOC)																																
(3) Full Deployment (FD)																																

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Exhibit R-4A, RDT&E Schedule Details: FY 2018 Army			Date: May 2017
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604822A / <i>General Fund Enterprise Business System (GFEBS)</i>	Project (Number/Name) DV6 / <i>General Fund Enterprise Business System</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Program Management	1	2015	1	2022
Milestone B (ATP 3)	3	2017	3	2017
Development System Build 1	4	2017	3	2018
Development System Build 2	3	2018	3	2019
Development System Build 3	3	2019	4	2019
Initial Operating Capability (IOC)	2	2020	2	2020
Full Deployment (FD)	1	2021	1	2021

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Army										Date: May 2017		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)				Project (Number/Name) EV4 / General Fund Enterprise Business System Inc 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
EV4: General Fund Enterprise Business System Inc 2	-	0.000	6.805	0.000	-	0.000	1.728	6.723	1.980	12.889	0.000	30.125
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

GFEBS Increment II: Delivers new capabilities to the GFEBS baseline. GFEBS Increment II will provide an extensive risk reduction per wave, as required throughout the increment. Each wave will increase operational capabilities to enhance financial management, further audit readiness, allow integrated manning and budgeting, enable standardize labor tracking, allow end-to-end integration, enable legacy system retirement (~ 19+), and improve business analytics. The new Increment II requirements have been categorized by the functional community as Integrated Resource Management (IRM), Standard Labor Time Tracking (SLTT), and Enhanced Financial Integration (EFI). The Army is pursuing an IRM capability that focuses on programmed manning, program and budget planning and reporting processes across the Army. The capability will enable the Army to efficiently reconcile budget execution against program & strategic plans, create forward looking predictive cost analytics, and efficiently manage its organizational structures. The capability will provide full visibility into programmed manning and budget execution planning & programming processes and data across Army Commands. Until an enterprise solution is provided, the Army's IRM business process will lack enterprise level visibility and will be unable to author and manage Command TDA force structures that satisfy Global Force Management (GFM) requirements for an Army in motion. SLTT will be able to track labor hours for Civilian, Military and Contractors and map them to the Army authoritative outputs (products and services) which they support. This effort will eliminate redundant labor tracking systems, increase efficiencies, ensure the workforce is the right size and mix, and will be financially auditable. These labor hours will be accurate and the costs associated with this labor will be mapped in a timely manner (especially since some Army organizations are fully reimbursable). By doing this, the Army can terminate other time tracking systems or processes currently being used. Furthermore, it will support the audibility of reimbursable intra-Army work. Enhanced Financial Integration (EFI), an enterprise financial solution to improve capabilities and provide force modernization. This will be achieved by subsuming legacy and obsolete technology, which replaces Funds Control Module (FCM) functionality with a direct interface to the various logistics systems, and streamlines the requisition process for material essential for Soldiers, Army readiness, and sustainment of current operations. In addition, to enhancements in Gift Funds (Investments), consumption of PRIDE (Planning Resource Infrastructure Development and Evaluation) Data, GFEBS Business Intelligence Legacy data consolidation, MILPERS Phase 2, and other capabilities which provide audit readiness, statutory and regulatory compliance, and financial business process improvements.

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

	FY 2016	FY 2017	FY 2018
Title: GFEBS Increment II	-	6.805	-
Description: GFEBS Increment II will increase operational capabilities to enhance financial management, further audit readiness, allow integrated manning and budgeting, enable standardize labor tracking, allow end-to-end integration, enable legacy system retirement (~ 19+), and improve business analytics. The new Increment II requirements have been categorized by the functional community as Integrated Resource Management (IRM), Standard Labor Time Tracking (SLTT), and Expanded Financial Integration (EFI).			

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Army		Date: May 2017	
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604822A / <i>General Fund Enterprise Business System (GFEBS)</i>	Project (Number/Name) EV4 / <i>General Fund Enterprise Business System Inc 2</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2016	FY 2017
FY 2017 Plans: Acquisition planning and pre-award documentation for development contract.			
Accomplishments/Planned Programs Subtotals		-	6.805
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks N/A			
D. Acquisition Strategy The PMO will participate in a robust requirements definition, comprehensive analyses of alternative, an initial business process design activities with the functional community, and will prepare the required acquisition documentation to achieve authorization to proceed with acquiring the required capability. These efforts require PMO expertise across all areas: acquisition, technical, functional, testing, management, and programmatic (e.g. contracts, budget).			
E. Performance Metrics N/A			

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Exhibit R-2A, RDT&E Project Justification: FY 2018 Army										Date: May 2017		
Appropriation/Budget Activity 2040 / 5					R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)				Project (Number/Name) GF5 / General Fund Enterprise Business 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
GF5: General Fund Enterprise Business System	-	14.118	0.000	10.000	-	10.000	2.572	2.622	2.672	2.750	0.000	34.734
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
A. Mission Description and Budget Item Justification												
The General Fund Business Enterprise System (GFEBS) is a Major Automated Information System program and is currently in the sustainment phase. GFEBS continues to refine system capabilities/enhancements prioritized by the GFEBS Process Owners Group (POG), an SES and General Officer level board representing the needs of GFEBS functional community. Additionally, GFEBS continues to focus on infrastructure updates as required to meet SAP requirements and best practices. Some of these changes require developmental funding. GFEBS followed the DoD Business Enterprise Architecture which is aligned to the mandated Federal Enterprise Architecture. GFEBS was implemented to fulfill the needs and comply with the Federal Financial Management Improvement Act, The Chief Financial Officers Act of 1990, the Government Performance and Results Act of 1993, the Government Management Reform Act of 1994, and the Clinger-Cohen Act of 1996 and to fulfill the stated mission of the Assistant Secretary of the Army for Financial Management and Comptroller. GFEBS replaced, in full or in part, financial systems operating in excess of 40 years including the Standard Finance Systems and other costly feeder systems which do not allow the Department of Defense or the U.S. government to achieve an unqualified audit opinion on its financial statements. GFEBS is used to administering the Army's General Fund. GFEBS was developed using a commercial off-the-shelf Enterprise Resource Planning system that is certified by the Chief, Financial Officer Council and provides six core financial functions. GFEBS allows tactical commanders to make informed decisions on a virtually real time system.												
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2016	FY 2017	FY 2018
Title: Capability Enhancement										14.118	-	10.000
Description: Major changes to the system needed to update the infrastructure as required to meet SAP requirements and best practices and capability enhancement initiatives needed to increase GFEBS current capability and performance of major system enhancements required to maintain compliance with Federal Financial Management Improvement Act (FFMIA), Business Enterprise Agency (BEA), and Standard Financial Information Structure (SFIS) requirements and auditability.												
FY 2016 Accomplishments: Funding provided infrastructure support, with the establishment of a portfolio Prototype & Integration Environment (PIE), continued expansion of a GFEBS pilot program Supplier Self-Service (SuS), and the support of Integrated Resource Management (IRM) and Standard Labor Time Tracking (SLTT) Analysis of Alternatives (AoA) activities.												
FY 2018 Plans: FY18 funding supports Financial Integration Process Owners Group requested enhancements and enhancement/new capability related to audit and compliance.												
Accomplishments/Planned Programs Subtotals										14.118	-	10.000

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Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)	Project (Number/Name) GF5 / General Fund Enterprise Business System	

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

<u>Line Item</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u> <u>Base</u>	<u>FY 2018</u> <u>OCO</u>	<u>FY 2018</u> <u>Total</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• BE4168, GFEBS: Other Procurement, Army	13.540	6.416	4.465	-	4.465	4.608	4.610	4.453	4.571	0.000	42.663

Remarks

D. Acquisition Strategy

NA

E. Performance Metrics

N/A

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Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Army												Date: May 2017			
Appropriation/Budget Activity 2040 / 5						R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)				Project (Number/Name) GF5 / General Fund Enterprise Business System					
Product Development (\$ in Millions)				FY 2016		FY 2017		FY 2018 Base		FY 2018 OCO		FY 2018 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
Development	Option/ TBD	TBD : TBD	120.968	-		-		10.000		-		10.000	Continuing	Continuing	0.000
HQAES Integration	C/FFP	VAR : VAR	0.000	14.118		-		-		-		-	0.000	14.118	0.000
Subtotal			120.968	14.118		-		10.000		-		10.000	-	-	0.000
			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			120.968	14.118		0.000		10.000		-		10.000	-	-	-
Remarks															

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Exhibit R-4, RDT&E Schedule Profile: FY 2018 Army																Date: May 2017																					
Appropriation/Budget Activity 2040 / 5										R-1 Program Element (Number/Name) PE 0604822A / General Fund Enterprise Business System (GFEBS)								Project (Number/Name) GF5 / General Fund Enterprise Business System																			
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
(1) Sustainment Development Task Order Award																																					
Capability Enhancements 2018																																					
Capability Enhancements 2019																																					

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Exhibit R-4A, RDT&E Schedule Details: FY 2018 Army			Date: May 2017
Appropriation/Budget Activity 2040 / 5	R-1 Program Element (Number/Name) PE 0604822A / <i>General Fund Enterprise Business System (GFEBS)</i>	Project (Number/Name) GF5 / <i>General Fund Enterprise Business System</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Sustainment Development Task Order Award	3	2018	3	2018
Capability Enhancements 2018	1	2018	4	2018
Capability Enhancements 2019	1	2019	4	2019