

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Army **Date:** February 2020

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604822A / <i>General Fund Enterprise Business System (GFEBS)</i>
--	--

COST (\$ in Millions)	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
Total Program Element	-	35.468	42.883	21.201	-	21.201	14.804	10.149	6.212	6.255	0.000	136.972
DV6: <i>General Fund Enterprise Business System</i>	-	33.965	35.782	5.099	-	5.099	2.072	2.113	2.155	2.198	0.000	83.384
GF5: <i>General Fund Enterprise Business System</i>	-	1.503	7.101	16.102	-	16.102	12.732	8.036	4.057	4.057	0.000	53.588

Note

Effective February 2, 2017, the Department of Defense Instruction (DoDI) 5000.75 was issued to establish policy for use of Business Capability Acquisition Cycle for Defense Business Systems, applying to the General Fund Enterprise Business System (GFEBS). GFEBS is currently in Phase 5, Capability Support.

A. Mission Description and Budget Item Justification

DV6 - General Fund Enterprise Business System-Sensitive Activities (GFEBS-SA): GFEBS-SA is a designated National Security System (NSS) leveraging the GFEBS base system as the Army's core financial management system certified by the Chief Financial Officers Council. To protect sensitive information and enable clean auditability, the Army requires a separate instance of GFEBS operated on a secure network for processing sensitive and classified financial transactions that cannot be processed in the fully-fielded GFEBS base system without compromising classified information or missions, or endangering soldiers. Therefore, GFEBS-SA is an essential financial program designed to enable the auditability that is needed to comply with the Chief Financial Officers (CFO) Act, the Federal Financial Management Improvement Act (FFMIA), and prevent compromise of data that could cause grave harm to U.S. forces. GFEBS-SA is envisioned as a fully functional GFEBS application operated on a secure network (SIPR), leveraging off of the sustained system design while providing additional implementation that includes additional requirements designed to protect sensitive intelligence operations and special operations missions. It will process Secret Collateral and below information while providing GFEBS capabilities such as distribution and execution of appropriated funds, cost management, financial reporting, and asset management. GFEBS-SA will be implemented and deployed to 3,000 users across 100 locations worldwide. GFEBS-SA will support information exchanges with organizations that support the Army's sensitive activities mission, including cross-security domain integration between SIPR and NIPR 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 and technology, and will modify capability to maintain a synchronized software baseline with the GFEBS base system to maintain efficiencies in capability enhancements, training documentation, and sustainment support. In FY 2021 the GFEBS-SA system will reach Full Deployment and the RDTE funding requested will complete system upgrades and enhancements which will re-synchronize the system baseline with the GFEBS base system to account for any capability upgrades that were made to the base system while GFEBS-SA was in development.

GF5 - General Fund Enterprise Business System (GFEBS): GFEBS is the Army's core financial management system for administering its General Fund. Full Deployment was reached in 2012 and the system is currently in the Capability Support (sustainment) phase of the Business Acquisition Cycle, focused on modernization, cyber security, and system enhancements while also conducting capability enhancements to meet policy and deliver a more accurate picture of Army financial awareness. GFEBS was implemented to fulfill the needs and enable the Army to comply with the Federal Financial Management. GFEBS was developed using

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Army	Date: February 2020
---	----------------------------

Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604822A / <i>General Fund Enterprise Business System (GFEBS)</i>
--	--

a commercial off-the-shelf Enterprise Resource Planning system that is certified by the Chief, Financial Officer Council and provides six core financial functions (United States General Ledger (USGL), Cost Management, Funds Control, Payable Management, Real Property, Receivable Management and Reports). GFEBS required RDTE funding for FY 2021 is to provide capability enhancements designed to meet Yellow Book audit readiness standards, and continue to make system changes as prioritized by the functional sponsor and user community through the Process Owners Group, a Senior Executive Service/General Officer-level board. The RDTE funding will support the additional focus on completing system enhancements which enable an audit-ready Army, ensure a modern and sustainable system, and enable the retirement of legacy systems freeing up funding for investment into the modern ERP; as well as modernization efforts aligned with the Original Equipment Manufacturer's (SAP) next generation capability.

B. Program Change Summary (\$ in Millions)	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total
Previous President's Budget	36.810	46.683	28.725	-	28.725
Current President's Budget	35.468	42.883	21.201	-	21.201
Total Adjustments	-1.342	-3.800	-7.524	-	-7.524
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-3.800			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-1.342	-			
• SBIR/STTR Transfer	-	-			
• Adjustments to Budget Years	-	-	-7.524	-	-7.524

Change Summary Explanation

For FY 2021, the overall change is a result of changes to each of the child funding lines within the GFEBS Program Element.

GFEBS-SA (DV6) decreased in FY 2021 in the new President's Budget based on the accelerated timeline set forth by the Vice Chief of Staff of the Army. The schedule acceleration moves Full Deployment forward from its original FY 2021 scheduled date which decreases the RDTE request in FY 2021; leaving only the amount needed to provide enhancements which re-synchronize the system's baseline.

GFEBS (GF5) increased in FY 2021 in the new President's Budget based on the additional focus on completing the audit-related system enhancements which will give the Army an auditable financial system. The GFEBS Process Owners Group and Functional Governance Board have developed a list of enhancement items and have put the highest priority on those items which enable an audit-ready Army, ensure a modern and sustainable system, and enable the retirement of legacy systems freeing up funding for investment into the modern ERPs. Specifically, the additional enhancements will improve the Army's fund balance with Treasury reducing service provider personnel needed to support reconciliation activities. This allows the Army to focus resources on mission critical activities. The increased funding also supports modernization efforts aligned with the Original Equipment Manufacturer (SAP) next generation capability. The modernization activities include code de-customization, data enablement, and improved automated data access to prevent end of support for the current database and platform.

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2021 Army		Date: February 2020
Appropriation/Budget Activity 2040: <i>Research, Development, Test & Evaluation, Army / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604822A / <i>General Fund Enterprise Business System (GFEBS)</i>	
<p>Funds will also support acquisition trades and market research on alternatives for SAP based finance/logistics consolidation to evaluate potential efficiencies by reducing platforms and licenses.</p> <p>A congressional mark of \$3.8 million was placed on FY2020 RDTE in the GFEBS (GF5) line due to GFEBS prior year carryover.</p>		

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army										Date: February 2020		
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 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
DV6: General Fund Enterprise Business System	-	33.965	35.782	5.099	-	5.099	2.072	2.113	2.155	2.198	0.000	83.384
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

A. Mission Description and Budget Item Justification

DV6 - General Fund Enterprise Business System-Sensitive Activities (GFEBS-SA): GFEBS-SA is a designated National Security System (NSS) leveraging the GFEBS base system as the Army's core financial management system certified by the Chief Financial Officers Council. To protect sensitive information and enable clean auditability, the Army requires a separate instance of GFEBS operated on a secure network for processing sensitive and classified financial transactions that cannot be processed in the fully-fielded GFEBS base system without compromising classified information or missions, or endangering soldiers. Therefore, GFEBS-SA is an essential financial program designed to enable the auditability that is needed to comply with the Chief Financial Officers (CFO) Act, the Federal Financial Management Improvement Act (FFMIA), and prevent compromise of data that could cause grave harm to U.S. forces. GFEBS-SA is envisioned as a fully functional GFEBS application operated on a secure network (SIPR), leveraging off of the sustained system design while providing additional implementation that includes additional requirements designed to protect sensitive intelligence operations and special operations missions. It will process Secret Collateral and below information while providing GFEBS capabilities such as distribution and execution of appropriated funds, cost management, financial reporting, and asset management. GFEBS-SA will be implemented and deployed to 3,000 users across 100 locations worldwide. GFEBS-SA will support information exchanges with organizations that support the Army's sensitive activities mission, including cross-security domain integration between SIPR and NIPR 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 and technology, and will modify capability to maintain a synchronized software baseline with the GFEBS base system to maintain efficiencies in capability enhancements, training documentation, and sustainment support.

In FY 2021 the GFEBS-SA system will reach Full Deployment and the RDTE funding requested will complete system upgrades and enhancements which will re-synchronize the system baseline with the GFEBS base system to account for any capability upgrades that were made to the base system while GFEBS-SA was in development.

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

Title: Software Development	FY 2019	FY 2020	FY 2021
Description: Software development includes all RDTE activities related to the development of the GFEBS-SA system itself. This includes the systems engineering management, planning, and blueprinting as well as the system integrator putting hands on keyboards to integrate the GFEBS solution into the Secret (SIPR) environment to include developing the required interfaces to allow GFEBS-SA to interact with partner systems; and the hardware and software tools necessary to facilitate development. After	17.741	17.531	5.099

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army		Date: February 2020		
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>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2019	FY 2020	FY 2021
<p>Full Deployment occurs in FY 2021, RDTE funding is required to allow the GFEBS-SA system capability to remain synchronized with the base GFEBS system.</p> <p>FY 2020 Plans: During FY 2020, the program will enter the final stages of testing and deployment of the system. The RDT&E funding will include costs for the final delivery of the GFEBS-SA solution, the systems engineering management to finalize and deliver updated system documentation following developmental/operational testing, and the completion of all cybersecurity processes in order to receive Authority to Operate. Note that since the FY20 submission the integration testing with major data systems was delayed for 45 days due to a waiver requirements for non-Treasury Disbursing Office compliance in accordance with OUSD(C) policy. This has pushed the Full Deployment date back into 1QFY2021; however, all previously planned FY 2020 development/operational testing and deployment activities are still planned to occur.</p> <p>FY 2021 Plans: In FY 2021 the GFEBS-SA system will reach Full Deployment and the RDTE funding requested will complete system upgrades and enhancements which will re-synchronize the system baseline with the GFEBS base system to account for any capability upgrades and platform modernization that were made to the base system while GFEBS-SA was in deployment. This synchronization allows GFEBS to remain on-track in meeting Congressionally-mandated auditability requirements. Additionally, funds support efforts to integrate sensitive activity capability across the Enterprise.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: The decrease in funding from FY 2020 to FY 2021 is due to the system reaching Full Deployment in 1QFY2021 resulting in the completion of design, development, and testing. The remaining RDTE funds are used to complete system upgrades and enhancements which will re-synchronize the system baseline with the GFEBS base system to account for any capability upgrades or functional updates that were made to the base system while GFEBS-SA was in development.</p>				
<p>Title: Testing</p> <p>Description: Testing includes all efforts related to test planning, Developmental Testing (DT), User Acceptance Testing (UAT), Operational Test & Evaluation (OT&E), and the system integrator labor and site services aligned with each.</p> <p>FY 2020 Plans: During FY 2020, User Acceptance Testing and Developmental Testing will occur prior to and post IOC. These costs support the Government Test requirements with the Joint Interoperability Test Command (JITC) and the Army Test and Evaluation Command (ATEC) as well as ensuring the System Integrators and Command Test Operators are available to support.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement:</p>		0.960	3.982	-

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army		Date: February 2020		
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		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2019	FY 2020	FY 2021
All testing events will have been scheduled and funded by the end of FY 2020, therefore there is no testing funding necessary in FY 2021.				
<p>Title: Program Support</p> <p>Description: Program Support includes program management and training activities. Costs include government management and travel, facilities, and development of recurring training materials.</p> <p>FY 2020 Plans: Program support costs in FY 2020 includes Program Management Office personnel providing non-technical support (acquisition, operations, financial, logistics, etc.), organizational change management planning and execution of site visits to communicate the Army auditability objectives mission and purpose to partner commands, and the development of recurring training tools.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: The GFEBS-SA system will be fully deployed in FY 2021, therefore program support funding will be requested to be paid with OMA immediately upon reaching the Capability Support Authorization to Proceed (ATP) in accordance with DoDI 5000.75.</p>		6.664	3.309	-
<p>Title: Data Center Hosting</p> <p>Description: Data center hosting includes all costs associated with hosting of each environment in the Cloud; which include pre-development, staging, production, continuity of operations (COOP), Quality Assurance, and program management tools. Other resources included in these costs are HANA, the cross-domain investment, and the SIPR circuit Attribute Based Access Control (ABAC) data hosting.</p> <p>FY 2020 Plans: By the end of FY 2020, GFEBS-SA will be fully operational on each hosting environment in preparation for system deployment to all sites.</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement: The GFEBS-SA system will be fully deployed in FY 2021, therefore data center hosting funding will be requested to be paid with OMA immediately upon reaching the Capability Support Authorization to Proceed (ATP) in accordance with DoDI 5000.75.</p>		8.600	9.336	-
<p>Title: FY 2020 SBIR/STTR Transfer</p> <p>Description: Funding transferred in accordance with Title 15 USC ?638</p> <p>FY 2020 Plans: Funding transferred in accordance with Title 15 USC ?638</p> <p>FY 2020 to FY 2021 Increase/Decrease Statement:</p>		-	1.624	-

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army **Date:** February 2020

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
--	---	---

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021
Funding transferred in accordance with Title 15 USC ?638			
Accomplishments/Planned Programs Subtotals	33.965	35.782	5.099

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

Line Item	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
• B55511: GFEBS	6.424	11.248	0.000	-	0.000	-	-	-	-	0.000	17.672
<i>SENSITIVE ACTIVITIES</i>											

Remarks

GFEBS-SA will be fully deployed in FY 2021; therefore, there are no procurement dollars budgeted in the GFEBS-SA line for FY 2021 and beyond. GFEBS base program procurement dollars will be used to prevent end of service life by the Original Equipment Manufacturer, SAP, and enable a migration of the GFEBS-SA database from Oracle to SAP as part of the synchronization between GFEBS and GFEBS-SA in FY2021. Additionally, procurement funds will be leveraged to support deployments in conjunction with GFEBS-SA Full Deployment schedule to sites not currently running the GFEBS base system.

GFEBS-SA OMA requirements begin in FY 2021, which is the scheduled Full Deployment date. These requirements will be incorporated into the GFEBS base system Future Years Defense Program (FYDP) request.

D. Acquisition Strategy

Plan, develop, and manage GFEBS-SA as a separate instance from GFEBS base program on the SIPRNet to support delivery of capabilities for this designated National Security System (NSS) in support of the sensitive activity commands. The GFEBS-SA solution was acquired as a sole source contract with Accenture Federal Services as a single increment. The contract is a hybrid of Firm Fixed Price and Cost Plus Fixed Fee CLINs to support development efforts and to encourage Accenture Federal Services to deliver a solution in support of the Vice Chief of Staff of the Army recommendation to accelerate the schedule to ensure operational security and Army audit requirements. The contract was awarded in April 2017.

Software is being developed through a single build to achieve full capability. GFEBS-SA will consist of a single software release delivered in a limited deployment to the Initial Operational Test and Evaluation (IOT&E) unit, followed by a full deployment to all other users upon successful completion of IOT&E.

The program will require modernization enhancements after full deployment. These modernization enhancements will require a stream of RDT&E funding to keep the GFEBS-SA system synchronized with the base system by making modifications needed for audit readiness, compliance, and upgrades required to keep the system up-to-date with SAP standards and Functional Governance Board requirements.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 Army **Date:** February 2020

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
--	---	---

Management Services (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
FY 2020 SBIR/STTR Transfer	TBD	Various : Various	-	-		1.624		-		-		-	0.000	1.624	-
Subtotal			-	-		1.624		-		-		-	0.000	1.624	N/A

Product Development (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
Product Development	SS/ Various	Accenture Federal LLC : Alexandria, VA	35.938	17.741	Oct 2018	17.531	Mar 2020	5.099	Oct 2020	-		5.099	20.227	96.536	88.300
Data Center Hosting	TBD	Defense Information Systems Agency : Ft. Meade, MD	7.487	8.600	Oct 2018	9.336	Oct 2019	-		-		-	0.000	25.423	-
Subtotal			43.425	26.341		26.867		5.099		-		5.099	20.227	121.959	N/A

Remarks
 The current contract is a hybrid of FFP, CPFF, and CR CLINs for system development, landscape configuration, test and evaluation, solution delivery, and certification/ accreditation.
 Cost to Complete assumes a service life through FY 2030. Some of this support will take place on a follow-on contract.

Support (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
Support Costs	Various	PdM GFEBS SA : Arlington, VA	20.044	6.664	Oct 2018	3.309	Oct 2019	-		-		-	0.000	30.017	-
Subtotal			20.044	6.664		3.309		-		-		-	0.000	30.017	N/A

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2021 Army		Date: February 2020
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 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025								
	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	[Redacted]																																
Program Support (RDTE)	[Redacted]																																
Data Center Hosting	[Redacted]																																
Data Center Hosting (RDTE)	[Redacted]																																
Software Development	[Redacted]																																
Software Development (RDTE)	[Redacted]																																
Testing																																	
Testing (RDTE)																																	
Milestone B (ATP 3)																																	
Milestone B (ATP 3)																																	
Initial Operating Capability (IOC)																																	
Initial Operating Capability (IOC)																																	
Full Deployment (FD)																																	
Full Deployment (FD)																																	
License Procurement	[Redacted]																																
License Procurement (OPA)	[Redacted]																																
Deployment																																	
Deployment (OPA)																																	
Initial Re-synchronization w/ GFEBS Baseline																																	
Initial Re-synchronization w/ GFEBS Baseline (RDTE)																																	
Modernization Enhancements																																	
Modernization Enhancements																																	
Capability Support (Sustainment)																																	
Capability Support (OMA)																																	

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2021 Army		Date: February 2020
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	2	2017	1	2021
Data Center Hosting	1	2019	1	2021
Software Development	3	2017	3	2019
Testing	3	2019	4	2020
Milestone B (ATP 3)	4	2019	4	2019
Initial Operating Capability (IOC)	2	2020	2	2020
Full Deployment (FD)	1	2021	1	2021
License Procurement	1	2019	2	2020
Deployment	2	2020	1	2021
Initial Re-synchronization w/ GFEBS Baseline	1	2021	3	2021
Modernization Enhancements	1	2021	4	2025
Capability Support (Sustainment)	1	2021	4	2025

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army										Date: February 2020		
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 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
GF5: General Fund Enterprise Business System	-	1.503	7.101	16.102	-	16.102	12.732	8.036	4.057	4.057	0.000	53.588
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

GF5 - General Fund Enterprise Business System (GFEBS): GFEBS is the Army's core financial management system for administering its General Fund. Full Deployment was reached in 2012 and the system is currently in the Capability Support (sustainment) phase of the Business Acquisition Cycle, focused on modernization, cyber security, and system enhancements while also conducting capability enhancements to meet policy and deliver a more accurate picture of Army financial awareness. GFEBS was implemented to fulfill the needs and enable the Army to comply with the Federal Financial Management. 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 (United States General Ledger (USGL), Cost Management, Funds Control, Payable Management, Real Property, Receivable Management and Reports).

GFEBS RDTE funding in FY 2021 will support the additional focus on completing the audit-related system enhancements which will give the Army an auditable financial system designed to meet Yellow Book audit readiness standards as outlined by the United States Government Accountability Office, as well as support the continuation of system changes as prioritized by the functional sponsor and user community through the Process Owners Group, a Senior Executive Service/General Officer-level board. The GFEBS Process Owners Group and Functional Governance Board have developed a list of enhancement items and have put the highest priority on those items which enable an audit-ready Army, ensure a modern and sustainable system, and enable the retirement of legacy systems freeing up funding for investment into the modern ERPs. Specifically, the additional enhancements will improve the Army's fund balance with Treasury reducing service provider personnel needed to support reconciliation activities. This allows the Army to focus resources on mission critical activities. The funding also supports modernization efforts aligned with the Original Equipment Manufacturer's (SAP) next generation capability. The modernization activities include code de-customization, data enablement, and improved automated data access to prevent end of support for the current database and platform. Funds will also support acquisition trades and market research on alternatives for SAP based finance/logistics consolidation to evaluate potential efficiencies by reducing platforms and licenses.

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

	FY 2019	FY 2020	FY 2021
Title: Capability Enhancement	1.503	6.779	16.102
Description: Capability enhancements provide changes to the system that are needed to update the infrastructure as required to meet SAP requirements and best practices, and to support evolving statutory and regulatory requirements. The capability enhancement initiatives are needed to increase the GFEBS capability and performance to maintain compliance with Federal Financial Management Improvement Act (FFMIA), Business Enterprise Agency (BEA), Standard Financial Information Structure (SFIS) requirements, and Yellow Book auditability. These requirements are established and prioritized through a General Officer (GO)/Senior Executive Service (SES)-level Process Owners Group and Functional Governance Board.			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army		Date: February 2020
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>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021
<p><i>FY 2020 Plans:</i> FY 2020 RDT&E funding will be used to perform system enhancements/upgrades as requested by the Process Owners Group and Functional Governance Board. With increased focus on making the Army auditable, many of these upgrades are aligned with the auditability of GFEBS and have been highly prioritized. The focus for enhancements funded with RDT&E during FY 2020 will be on these audit-related enhancements. Note that the program received a \$3.8 million congressional mark which reduces the ability to complete all but two of the previously planned system enhancements.</p> <p><i>FY 2021 Plans:</i> The RDTE funds requested in FY 2021 support the additional focus on completing the audit-related system enhancements which will give the Army an auditable financial system designed to meet Yellow Book audit readiness standards as outlined by the United States Government Accountability Office, as well as support the continuation of system changes as prioritized by the functional sponsor and user community through the Process Owners Group, a Senior Executive Service/General Officer-level board. The GFEBS Process Owners Group and Functional Governance Board have developed a list of enhancement items and have put the highest priority on those items which enable an audit-ready Army, ensure a modern and sustainable system, and enable the retirement of legacy systems freeing up funding for investment into the modern ERPs. Specifically, the additional enhancements will improve the Army's fund balance with Treasury reducing service provider personnel needed to support reconciliation activities. This allows the Army to focus resources on mission critical activities. The funding also supports modernization efforts aligned with the Original Equipment Manufacturer's (SAP) next generation capability. The modernization activities include code de-customization, data enablement, and improved automated data access to prevent end of support for the current database and platform. Funds will also support acquisition trades and market research on alternatives for SAP based finance/logistics consolidation to evaluate potential efficiencies by reducing platforms and licenses.</p> <p><i>FY 2020 to FY 2021 Increase/Decrease Statement:</i> RDTE funding has increased from FY 2020 to FY 2021 based on the additional focus of completing the audit-related system enhancements which will give the Army an auditable financial system designed to meet Yellow Book audit readiness standards as outlined by the United States Government Accountability Office. The GFEBS Process Owners Group and Functional Governance Board have developed a list of enhancement items and have put the highest priority on those items which enable an audit-ready Army, ensure a modern and sustainable system, and enable the retirement of legacy systems freeing up funding for investment into the modern ERPs. Specifically, the additional enhancements will improve the Army's fund balance with Treasury reducing service provider personnel needed to support reconciliation activities. This allows the Army to focus resources on mission critical activities. The increased funding also supports modernization efforts aligned with the Original Equipment Manufacturer's (SAP) next generation capability. The modernization activities include code de-customization, data enablement, and improved automated data access to prevent end of support for the current database and platform. Funds will also support acquisition trades</p>			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army		Date: February 2020
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>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2019	FY 2020	FY 2021
and market research on alternatives for SAP based finance/logistics consolidation to evaluate potential efficiencies by reducing platforms and licenses.			
Title: FY 2020 SBIR/STTR Transfer	-	0.322	-
Description: Funding transferred in accordance with Title 15 USC ?638			
FY 2020 Plans: Funding transferred in accordance with Title 15 USC ?638			
FY 2020 to FY 2021 Increase/Decrease Statement: Funding transferred in accordance with Title 15 USC ?638			
Accomplishments/Planned Programs Subtotals	1.503	7.101	16.102

C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	FY 2022	FY 2023	FY 2024	FY 2025	Cost To Complete	Total Cost
• BE4168: <i>General Fund Enterprise Business System</i>	4.552	3.754	4.448	-	4.448	4.566	-	-	-	0.000	17.320
• OMA - ERPE-ERPA / 438001000 / 5T0: <i>GFEBs OMA</i>	99.176	-	0.000	-	0.000	-	-	-	-	0.000	99.176

Remarks

OPA - FY 2021 Procurement dollars in the amount of \$4.448 million supports software and hardware infrastructure upgrades to bring GFEBs reporting and analytics in-line with processing performance thresholds established in the GFEBs Capabilities Production Document (CPD). Software upgrades support auditability requirements as well as the compliance of the system's required software standards. GFEBs base program procurement dollars will be used to prevent end of service life by the Original Equipment Manufacturer, SAP, and enable a migration of the GFEBs-SA database from Oracle to SAP as part of the synchronization between GFEBs and GFEBs-SA in FY 2021. Additionally, procurement funds will be leveraged to support deployments in conjunction with GFEBs-SA Full Deployment schedule to sites not currently running the GFEBs base system.

OMA - [P&R Form System does not show amounts for FY 2020 through FY 2025] FY 2021 and beyond OMA dollars include funding for both GFEBs and GFEBs-SA programs. OMA-funded support includes data center hosting, software/hardware maintenance, capability support, and capability enhancements.

D. Acquisition Strategy

GFEBs is currently in the Capability Support (sustainment) phase as specified in DoDI 5000.75. On 15 January 2018, the responsibility for system support of the GFEBs system transitioned from the original developer contract to a contract created to focus more on sustainment support and cost control. The current sustainment

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2021 Army		Date: February 2020
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>
<p>contract provides specific contracting methodologies to track all capability support functions as well as all the system enhancement requirements as set forth by the user community through the Process Owners Group; a Senior Executive Service/General Officer-level board that prioritizes user needs. Many of these enhancements require RDT&E funding as determined through a set of established business rules.</p> <p>The next step on the program's contracting strategy includes a transition of all Capability Support functions to the Army Shared Services Center, and the transition of all prioritized system enhancements to a Portfolio follow-on contract supporting enhancements for the GFEBS and GFEBS-SA systems which allows the programs to realize efficiencies through a "build once, deploy twice" development strategy.</p>		

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2021 Army **Date:** February 2020

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
--	---	---

Management Services (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
FY 2020 SBIR/STTR Transfer	TBD	Various : Various	-	-		0.322		-		-		-	0.000	0.322	-
Subtotal			-	-		0.322		-		-		-	0.000	0.322	N/A

Product Development (\$ in Millions)				FY 2019		FY 2020		FY 2021 Base		FY 2021 OCO		FY 2021 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			
Development	Option/ Various	IBM Corp : Bathesda, Maryland	130.569	1.503		6.779	Jan 2020	16.102	Nov 2020	-		16.102	Continuing	Continuing	185.769
Subtotal			130.569	1.503		6.779		16.102		-		16.102	Continuing	Continuing	N/A

Remarks
Total value of contract includes capability support (OMA) and enhancement services through January 15, 2023.

Project Cost Totals	Prior Years	FY 2019	FY 2020	FY 2021 Base	FY 2021 OCO	FY 2021 Total	Cost To Complete	Total Cost	Target Value of Contract
	130.569	1.503	7.101	16.102	-	16.102	Continuing	Continuing	N/A

Remarks

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2021 Army		Date: February 2020
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 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024				FY 2025					
	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		
Sustainment Contract w/ Capability Enhancement Task Order (Current)	[Redacted]																													
Army Shared Services Sustainment w/ Capability Enhancement Option (Follow-on)																														
System Enhancements FY19	[Redacted]																													
System Enhancements FY20					[Redacted]																									
System Enhancements & SAP Modernization FY21												[Redacted]																		
System Enhancements & SAP Modernization FY22															[Redacted]															
System Enhancements & SAP Modernization FY23																														
System Enhancements & SAP Modernization FY24																														
System Enhancements & SAP Modernization FY25																														

Note
System enhancements include prioritized capabilities based on functional needs in areas such as Audit Enablement and Compliance, Legacy System Divestiture, Cash Accountability, Improved Funds Balance with Treasury, Cost of Army Operations, and Financial Reporting and Analytics.

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2021 Army		Date: February 2020
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

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Map/Blueprint/Build Release 1.1	4	2005	3	2006
MS B1	1	2008	1	2008
Realization - Release 1.2	4	2006	1	2009
IOC	3	2009	3	2009
Release 1.3 - Replace STANFINS	1	2008	1	2011
Full Deployment Decision Review	3	2009	3	2009
Release 1.4: Replace SOMARDS	4	2008	1	2011
Full Deployment Decision Review 2	1	2010	1	2010
Hardware Fielding	1	2009	1	2011
Full Deployment	4	2012	4	2012
Sustainment Contract w/ Capability Enhancement Task Order (Current)	2	2018	2	2022
Army Shared Services Sustainment w/ Capability Enhancement Option (Follow-on)	2	2022	4	2025
Capability Enhancements FY18	1	2018	4	2018
System Enhancements FY19	1	2019	4	2019
System Enhancements FY20	1	2020	4	2020
System Enhancements & SAP Modernization FY21	1	2021	4	2021
System Enhancements & SAP Modernization FY22	1	2022	4	2022
System Enhancements & SAP Modernization FY23	1	2023	4	2023
System Enhancements & SAP Modernization FY24	1	2024	4	2024
System Enhancements & SAP Modernization FY25	1	2025	4	2025