Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force										Date: February 2019	

Appropriation/Budget Activity 3600: *Research, Development, Test & Evaluation, Air Force I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*					R-1 Program Element (Number/Name) PE 0901410F *I Contracting Information Technology System*						

COST ($ in Millions)	Prior Years	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
Total Program Element	-	18.973	17.577	20.830	0.000	20.830	5.672	17.485	8.274	8.423	Continuing	Continuing
643483: *CON-IT*	-	18.973	17.577	20.830	0.000	20.830	5.672	17.485	8.274	8.423	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Contracting Information Technology System (CON-IT) provides a single contract management system for the Air Force contracting community to support all contracting needs including base operations, logistics, contingency, research, and weapons system contracting world-wide. CON-IT will enable strategic sourcing and other acquisition efficiencies by standardizing data, business rules, and milestone tracking. Furthermore, CON-IT will allow for a standardized and integrated method of anticipating, reacting, and responding to the current pace and changes in process, regulation, and technology across the contract domain. CON-IT is the replacement for the AF's version of Standard Procurement System (SPS). When fully implemented, CON-IT will enable business process changes necessary to converge on a common contract writing/management capability within the Air Force.

CON-IT capabilities will be developed in accordance with the agile software development methodology. The CON-IT Integrated Program Office (IPO) will configure upon the Defense Information Systems Agency's (DISA's) government off-the-shelf (GOTS) product called Integrated Defense Enterprise Acquisition System (IDEAS) contract writing system, which provided a solution that serves as a baseline for CON-IT. CON-IT will utilize a non-traditional acquisition approach by leveraging DISA IDEAS as well as partnering with the United States Department of Agriculture's (USDA) Enterprise Application Services (EAS) team via an inter-agency agreement to develop, test, validate, train end users, deploy, and maintain CON-IT. USDA's National Information Technology Center (NITC) will provide and maintain the DevSecOps and production environments.

Gap requirements will be addressed through an iterative process of sprint development cycles, where usable capability is produced and made available to operational users after every sprint. The IPO construct along with application of agile principles allows the program to properly plan system requirements, deliver early capability to the end users, achieve early return on investment of taxpayer dollars, division of risk, reduce waste, effectively respond to change, and continuously improve our processes.

Through agile software development CON-IT will address the current inefficiencies in the contracting domain, given there are multiple contract writing systems that continue to challenge the ability to operate responsively, consistently, and cost-effectively to award, administer, and close out mission critical contracts in a timely fashion. CON-IT will allow the contracting community to fully support compliance with financial auditability and Financial Improvement Audit Readiness (FIAR) goals that depend on the integrity of the data flow through the Procure to Pay (P2P) process.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver CON-IT capability. The use of such program funds would be in addition to the civilian pay expenses budgeted in program elements 0605826F, 0605827F, 0605828F, 0605829F, 0605830F, 0605831F, 0605832F, and 0605898F.

Exhibit R-2, **RDT&E Budget Item Justification:** PB 2020 Air Force	**Date:** February 2019
Appropriation/Budget Activity 3600: *Research, Development, Test & Evaluation, Air Force I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 0901410F *I Contracting Information Technology System*

As directed in the FY 2018 NDAA, Sec 825, amendment to PL 114-92 FY 2016 NDAA, Sec 828 Penalty for Cost Overruns, the FY 2018 Air Force penalty total is $14.373M. The calculated percentage reduction to each research, development, test and evaluation and procurement account will be allocated proportionally from all programs, projects, or activities under such account.

This effort is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P), because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

B. Program Change Summary ($ in Millions)

	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Previous President's Budget	15.867	17.577	20.830	0.000	20.830
Current President's Budget	18.973	17.577	20.830	0.000	20.830
Total Adjustments	3.106	0.000	0.000	0.000	0.000
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	0.000	0.000			
• Congressional Directed Transfers	0.000	0.000			
• Reprogrammings	3.106	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Other Adjustments	0.000	0.000	0.000	0.000	0.000

Change Summary Explanation

FY18 $3.1M increase due to below threshold reprogramming approved Jun 2018.

C. Accomplishments/Planned Programs ($ in Millions)

	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
Title: CON-IT System Development	18.973	17.577	20.830	0.000	20.830
Description: Initiated in FY17 CON-IT's agile development execution is resulting in delivery of contracting capability to operational contracting officers (COs). CON-IT system capabilities continue to be developed and enhanced through completion of development sprint cycles in accordance with our agile software development strategy. The CON-IT Integrated Program Office (IPO) has established early user engagement through a series of subject matter expert familiarization events, in which system capabilities produced from each sprint cycle are tested by operational COs and valuable user feedback is collected and incorporated into our requirements backlog. Early Operational Capability (EOC) was achieved in FY18 with initial deployment of current CON-IT capabilities to 12AF (AFSOUTH) and subsequent EOC deployment to 8 additional operational locations across					

Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force				Date: February 2019	
Appropriation/Budget Activity 3600: *Research, Development, Test & Evaluation, Air Force I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*			**R-1 Program Element (Number/Name)** PE 0901410F *I Contracting Information Technology System*		

C. Accomplishments/Planned Programs ($ in Millions)	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total
the Air Force in every MAJCOM, except US Air Forces Europe. In addition, the CON-IT IPO will integrate the contracting workforce schoolhouses into our training activities; provide initial training to the instructors; and set the training curriculum for new Air Force CO accessions. The completion of the 8 early deployments and training curriculum greatly aids in our risk reduction and organizational change management efforts. Future system development continues to be planned through an iterative process of sprint/release planning and backlog grooming activities between our stakeholder partners which ensures that the capabilities developed meet our end users' needs and increase mission success. *FY 2019 Plans:* - Deploy to remaining 96 active duty locations and shutdown Air Force SPS at those sites - Continue development sprints and deployment of remaining Operational Contracting backlog requirements - Complete Government Furnished Equipment (GFE) requirements and development of automated test plans to evaluate system change impacts - Continue IT infrastructure services, help desk/customer support, and training curriculum - Continue CON-IT acquisition planning, reporting, and execution activities for future capabilities - Plan and conduct familiarization events of future CON-IT capabilities - Update inter-agency agreement with US Department of Agriculture *FY 2020 Base Plans:* - Will update inter-agency agreement with US Department of Agriculture - Will continue development and deployment activities of R&D, Weapon System and Logistics capabilities - Will continue development of automated test plans to evaluate system change impacts prior to fielding *FY 2020 OCO Plans:* Not applicable - CON-IT has no OCO funding *FY 2019 to FY 2020 Increase/Decrease Statement:* Funding increase due to increasing development velocity and program resources to complete Operational Contracting backlog and begins weapons/R&D/logistics solution development					
Accomplishments/Planned Programs Subtotals	18.973	17.577	20.830	0.000	20.830

Exhibit R-2, RDT&E Budget Item Justification: PB 2020 Air Force		Date: February 2019
Appropriation/Budget Activity 3600: *Research, Development, Test & Evaluation, Air Force I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 0901410F *I Contracting Information Technology System*	

D. Other Program Funding Summary ($ in Millions)

Line Item	FY 2018	FY 2019	FY 2020 Base	FY 2020 OCO	FY 2020 Total	FY 2021	FY 2022	FY 2023	FY 2024	Cost To Complete	Total Cost
• OPAF 03 Line Item #834010: *General Information Technology*	-	5.000	0.000	-	0.000	0.000	0.000	0.000	-	Continuing	Continuing

Remarks

Other Procurement Air Force (OPAF) funding is for the purchase of software licenses required for the CON-IT System. In FY17, CON-IT OPAF ($5.9M) was a new start. New Start notification letters were sent to all four committees on 12 Sep 17 with intent to purchase end user licenses for the system.

E. Acquisition Strategy

CON-IT will be developed using an incremental approach following the Business Capability Acquisition Cycle (BCAC). Increments of major functional capability are decomposed further into epic/story elements and delivered to the user when the capability has been accepted, training curriculums have been updated, and the infrastructure is ready. Program management office, functional user, and system integrator are trained and functioning as a cohesive, high-performing team. An interagency agreement with US Department of Agriculture (USDA) for risk reduction, prototyping and development activities has been signed and is currently in effect. This agreement requires annual renewal.

CON-IT is not only a contract writing solution but a contract management system for the enterprise business process. This is accomplished by transitioning to a Business Process Management platform that, once implemented, will allow the enterprise to easily adapt to change by automating contracting phases to the maximum extent possible. The end state for CON-IT will replace 4 legacy contract writing systems and 6 supporting systems when all increments are fielded.

The CON-IT roadmap includes five major capabilities. Capability 1 modernizes contract writing for base-level and operational users, allowing the AF's Standard Procurement System version and AFCENTs' O'Contrax to sunset as sites transition to CON-IT. AF Contracting community is focused on replacing AF's SPS before the cybersecurity certifications expire in CY19. Capability 2 deploys the same capability to the acquisition, research, and logistics communities, meeting their unique needs. This capability will result with sunsetting ConWrite and ACPS. Capability 3 and 4 automate pre/post award activities for the unclassified user base from Capability 1 and 2. Capability 5 implements all the previous capabilities for classified users.

CON-IT is aligned to OSD DPAP's strategy for procurement systems. The program is re-engineering and automating the entire business process, implementing data standards across the community (set by OSD), consolidating 10 legacy systems down to 1, reusing GOTS solutions versus creating a new solution, and employing agile software development methods (a best practice from industry).

F. Performance Metrics

Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2020 Air Force			Date: February 2019
Appropriation/Budget Activity 3600 / 4		**R-1 Program Element (Number/Name)** PE 0901410F / *Contracting Information Technology System*	**Project (Number/Name)** 643483 / *CON-IT*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2018 Cost	FY 2018 Award Date	FY 2019 Cost	FY 2019 Award Date	FY 2020 Base Cost	FY 2020 Base Award Date	FY 2020 OCO Cost	FY 2020 OCO Award Date	FY 2020 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CON IT: Prime Developer/ Systems Integrator	MIPR	Contracting Information : Wright Patterson AFB, OH	-	10.500	Oct 2017	13.070	Oct 2018	15.487	Oct 2019	-		15.487	Continuing	Continuing	-
Subtotal			-	10.500		13.070		15.487		-		15.487	Continuing	Continuing	N/A

Remarks
 Interagency agreement with USDA (United States Department of Agriculture)

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2018 Cost	FY 2018 Award Date	FY 2019 Cost	FY 2019 Award Date	FY 2020 Base Cost	FY 2020 Base Award Date	FY 2020 OCO Cost	FY 2020 OCO Award Date	FY 2020 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CON IT: Test and staging environment from USDA	MIPR	Various : Various	-	3.691	Oct 2017	0.692	Oct 2018	0.922	Oct 2019	-		0.922	Continuing	Continuing	-
Subtotal			-	3.691		0.692		0.922		-		0.922	Continuing	Continuing	N/A

Remarks
 USDA: United States Department of Agriculture

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2018 Cost	FY 2018 Award Date	FY 2019 Cost	FY 2019 Award Date	FY 2020 Base Cost	FY 2020 Base Award Date	FY 2020 OCO Cost	FY 2020 OCO Award Date	FY 2020 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
CON IT: Program Management Administration	C/CPAF	AFLCMC/HI : Wright Patterson AFB, OH	-	0.934	Oct 2017	0.000	Oct 2018	0.000	Oct 2019	-		0.000	Continuing	Continuing	-
CON IT: Program Management Administration, Cost Estimating Support, Travel, Supplies, Equipment, Program Office Network	Various	AFLCMC/HIBB : WPAFB, OH	-	3.848	Oct 2017	3.815	Oct 2018	4.421	Oct 2019	-		4.421	Continuing	Continuing	-

Exhibit R-3, **RDT&E Project Cost Analysis:** PB 2020 Air Force												**Date:** February 2019	
Appropriation/Budget Activity 3600 **/** 4						**R-1 Program Element (Number/Name)** PE 0901410F **/** *Contracting Information Technology System*						**Project (Number/Name)** 643483 **/** *CON-IT*	

Management Services ($ in Millions)				**FY 2018**		**FY 2019**		**FY 2020 Base**		**FY 2020 OCO**		**FY 2020 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, Engineering Services, etc.															
Subtotal			-	4.782		3.815		4.421		-		4.421	Continuing	Continuing	N/A

Remarks
 A&AS: Advisory & Assistance Services
 Multiple contract awards for less than $1M per award

	Prior Years	**FY 2018**		**FY 2019**		**FY 2020 Base**		**FY 2020 OCO**		**FY 2020 Total**	**Cost To Complete**	**Total Cost**	**Target Value of Contract**
Project Cost Totals	-	18.973		17.577		20.830		-		20.830	Continuing	Continuing	N/A

Remarks

Exhibit R-4, **RDT&E Schedule Profile:** PB 2020 Air Force		**Date:** February 2019
Appropriation/Budget Activity 3600 / 4	**R-1 Program Element (Number/Name)** PE 0901410F / Contracting Information Technology System	**Project (Number/Name)** 643483 / CON-IT

	FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023				FY 2024			
	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
CON-IT Incremental Development Activities																												
Agile Software Development of AF Contracting Domain Mission Set	██																											
Development, Test & Deployment Operational Contracting Capability	████████████████████																											
Development, Test & Deployment of Weapon Sys/R&D/Log/Business Intel Capability								████████████████████████████████																				
Development, Test & Deployment of Pre-Award Contracting Capability																				████████████								
Development, Test & Deployment of Post Award Contracting Capability																								████████████				
Development, Test & Deployment of All Prior Capability to Classified Users																											████	

Exhibit R-4A, RDT&E Schedule Details: PB 2020 Air Force		Date: February 2019
Appropriation/Budget Activity 3600 / 4	R-1 Program Element (Number/Name) PE 0901410F / Contracting Information Technology System	Project (Number/Name) 643483 / CON-IT

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CON-IT Incremental Development Activities				
Agile Software Development of AF Contracting Domain Mission Set	1	2018	4	2024
Development, Test & Deployment Operational Contracting Capability	1	2018	4	2019
Development, Test & Deployment of Weapon Sys/R&D/Log/Business Intel Capability	1	2020	4	2022
Development, Test & Deployment of Pre-Award Contracting Capability	1	2023	4	2023
Development, Test & Deployment of Post Award Contracting Capability	1	2024	4	2024
Development, Test & Deployment of All Prior Capability to Classified Users	4	2024	4	2024