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Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Air Force **Date:** February 2018

Appropriation/Budget Activity					R-1 Program Element (Number/Name)							
3600: <i>Research, Development, Test & Evaluation, Air Force I BA 4: Advanced Component Development & Prototypes (ACD&P)</i>					PE 0901410F <i>I Contracting Information Technology System</i>							
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	-	6.938	15.867	17.577	0.000	17.577	20.830	5.672	17.485	8.274	Continuing	Continuing
643483: <i>CON-IT</i>	-	6.938	15.867	17.577	0.000	17.577	20.830	5.672	17.485	8.274	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Contracting Information Technology System (CON-IT) provides a single contract writing system for the Air Force contracting community to support all contracting needs including base operations, logistics, contingency 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 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 75% 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 hosting environment.

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 weapon system 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, 0605898F and 0605833F.

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This program 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 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total		
Previous President's Budget		5.782	15.867	22.709	0.000	22.709		
Current President's Budget		6.938	15.867	17.577	0.000	17.577		
Total Adjustments		1.156	0.000	-5.132	0.000	-5.132		
• 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		1.156	0.000					
• SBIR/STTR Transfer		0.000	0.000					
• Other Adjustments		0.000	0.000	-5.132	0.000	-5.132		
Change Summary Explanation								
FY17 \$1.156M increase due to BTR approved Sep 2017.								
FY19 -\$5.132M decrease due to higher Air force priorities.								
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Title: CON-IT				6.938	15.867	17.577	0.000	17.577
Description: Initiated in FY17 and continuing in FY18 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. Furthermore, the CON-IT Integrated Program Office (IPO) has established early user engagement through a series of SME Familiarization (FAM) 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 Oct 17 with the deployment of current CON-IT capabilities to 12AF (AFSOUTH) users in which the users were successfully able to execute contracting actions and produce procurement instruments in support of SOUTHCOM/AFSOUTH mission requirements. In addition, the CON-IT IPO has integrated the AETC Contracting Schoolhouses into our training activities; provided initial training to the instructors; ensured the schoolhouses develop and incorporate CON-IT into their training curriculum for new CO accessions. The successfulness of these events greatly aids in								

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C. Accomplishments/Planned Programs (\$ in Millions)						FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	
our risk reduction and organizational change management (OCM) efforts. Future system development continues to be planned through an iterative process of sprint/release planning and backlog grooming activities between all our stakeholder partners which ensures that the capabilities developed meet our end users' needs and increase mission success.											
FY 2018 Plans:											
- Update inter-agency agreement with System Integrator											
- Continue development and deployment activities for Sprints 25-36											
- Continue CON-IT acquisition planning, reporting, and execution activities for future capabilities											
- Continue development of plans for design, development, test, and training											
- Continue planning activities, prototyping, and risk reduction for future capabilities											
- Plan and conduct SME FAM events of future CON-IT capabilities											
- Stand up production and schoolhouse training environments											
- Connect to NIPR, secure Authority to Proceed (ATO) authorization, and stand up help desk support											
FY 2019 Base Plans:											
- Will update inter-agency agreement with System Integrator											
- Will continue development and deployment activities											
- Will complete Government Furnished Equipment (GFE) requirements and development and test plans											
- Will continue IT infrastructure services											
- Will continue CON-IT acquisition planning, reporting, and execution activities for future capabilities											
FY 2019 OCO Plans:											
Not applicable - CON-IT has no OCO funding											
FY 2018 to FY 2019 Increase/Decrease Statement:											
Funding increased due to ramp-up of concurrent Increment Development activities											
Accomplishments/Planned Programs Subtotals						6.938	15.867	17.577	0.000	17.577	
D. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
• OPAF 03 Line Item #834010:	-	-	5.443	-	5.443	0.000	0.000	0.000	0.000	Continuing	Continuing
General Information Technology											

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D. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2019</u>	<u>FY 2019</u>	<u>FY 2019</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>Complete</u>	<u>Total Cost</u>
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). An interagency agreement with US Department of Agriculture (USDA) for risk reduction, prototyping and subsequent development activities has been signed and is currently in effect. This agreement requires annual renewal. Re-use of an existing fielded GOTS (Government-Off-The-Shelf) product from DISA (Defense Information Systems Agency) is the preferred approach/Course of Action.											
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.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Air Force												Date: February 2018			
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)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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
CON IT: Prime Developer/ Systems Integrator	MIPR	Contracting Information : Wright Patterson AFB, OH	-	1.156	Oct 2016	8.000	Oct 2017	10.087	Oct 2018	-		10.087	Continuing	Continuing	-
Subtotal			-	1.156		8.000		10.087		-		10.087	Continuing	Continuing	N/A
Remarks Interagency agreement with USDA (United States Department of Agriculture)															
Test and Evaluation (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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
CON IT: Prototype, risk reduction, test and staging environment from USDA	MIPR	Various : Various	-	1.000	Oct 2016	3.085	Oct 2017	2.115	Oct 2018	-		2.115	Continuing	Continuing	-
Subtotal			-	1.000		3.085		2.115		-		2.115	Continuing	Continuing	N/A
Remarks USDA: United States Department of Agriculture															
Management Services (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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
CON IT: Program Management Administration	C/CPAF	AFLCMC/HI : Wright Patterson AFB, OH	-	0.934	Dec 2016	0.934	Oct 2017	1.850	Oct 2018	-		1.850	Continuing	Continuing	-
CON IT: Program Management Administration, Cost Estimating Support, Travel, Supplies, Equipment, Program Office Network	Various	AFLCMC/HIBB : WPAFB, OH	-	3.848	Dec 2016	3.848	Oct 2017	3.525	Oct 2018	-		3.525	Continuing	Continuing	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Air Force												Date: February 2018		
Appropriation/Budget Activity 3600 / 4						R-1 Program Element (Number/Name) PE 0901410F / <i>Contracting Information Technology System</i>				Project (Number/Name) 643483 / <i>CON-IT</i>				

Management Services (\$ in Millions)				FY 2017		FY 2018		FY 2019 Base		FY 2019 OCO		FY 2019 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		4.782		5.375		-		5.375	Continuing	Continuing	N/A	

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

	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	-	6.938	15.867	17.577	-	17.577	Continuing	Continuing	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2019 Air Force

Date: February 2018

Appropriation/Budget Activity

3600 / 4

R-1 Program Element (Number/Name)

PE 0901410F / Contracting Information
Technology System

Project (Number/Name)

643483 / CON-IT

	FY 2017				FY 2018				FY 2019				FY 2020				FY 2021				FY 2022				FY 2023			
	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																												
Requirements, Development, Test Planning for CON-IT Increments 1 - 5																												
Inc 1 Milestone B (April 2017)																												
Development, Production, Test Planning for CON-IT Increment 1																												
Early Operational Capability (Inc 1)																												
Limited Deployment Decision (Inc 1)																												
Full Deployment Decision (Inc 1)																												
Inc 1 Ops & Support (Continuing)																												

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Exhibit R-4A, RDT&E Schedule Details: PB 2019 Air Force			Date: February 2018
Appropriation/Budget Activity 3600 / 4	R-1 Program Element (Number/Name) PE 0901410F / <i>Contracting Information Technology System</i>	Project (Number/Name) 643483 / <i>CON-IT</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
CON-IT Incremental Development Activities				
Requirements, Development, Test Planning for CON-IT Increments 1 - 5	1	2017	4	2023
Inc 1 Milestone B (April 2017)	3	2017	3	2017
Development, Production, Test Planning for CON-IT Increment 1	3	2017	2	2019
Early Operational Capability (Inc 1)	1	2018	2	2018
Limited Deployment Decision (Inc 1)	1	2018	3	2018
Full Deployment Decision (Inc 1)	4	2018	2	2019
Inc 1 Ops & Support (Continuing)	1	2019	4	2023