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Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Air Force										Date: February 2018		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development					R-1 Program Element (Number/Name) PE 0208099F I Unified Platform (UP)							
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	-	0.000	0.000	28.759	0.000	28.759	29.702	33.701	39.713	39.721	Continuing	Continuing
672281: Foundational Efforts	-	0.000	0.000	28.759	0.000	28.759	29.702	33.701	39.713	39.721	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

## Note

In FY19, PE 0208099F, Unified Platform (UP) efforts were transferred from PE 0306250F, Cyber Operations Technology Development to enable Executive Agent oversight and management, and to provide transparency to Service stakeholders.

## A. Mission Description and Budget Item Justification

Designated as the Executive Agent, the Secretary of the Air Force will lead the Unified Platform effort.

Unified Platform (UP) provides the Cyber Mission Forces (CMFs), USCYBERCOM, AF Major Commands (MAJCOMs) a Joint cyber operations platform capable of mission planning, data analytics, and decision support for the execution of full-spectrum cyberspace operations at the operational through tactical levels of warfare.

UP integrates existing, but disparate, Service-specific cyber capability, delivering a minimum viable product (MVP). Subsequent build iterations will continue to deliver a flexible, interoperable, and scalable warfighter capability. In order to match the speed-of-need of the highly dynamic cyberspace domain, the UP will implement a scaled agile development framework to facilitate the rapid development, integration, and fielding of capabilities. The UP program will execute the development requirements provided by Army, Navy, Marine Corps, and Air Force in conjunction with US Cyber Command (USCYBERCOM) stakeholders in accordance with the prioritization provided by UP governance. The UP program will exercise a comprehensive, Service agnostic, acquisition approach to include laboratory, industry, and academia.

UP directly supports the Joint Network Attack Initial Capabilities Document (ICD), the National Military Strategy for Cyberspace Operations (NMS-CO), USCYBERCOM operational directives, the latest AF Space Command (AFSPC) Offensive Cyberspace Operations System Flight Plan, and other formal requirements documents.

Foundational efforts ensure that existing UP capability is retained with the evolution threats and the capabilities of adversaries.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver JCC2 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, and 0605898F.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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B. Program Change Summary (\$ in Millions)		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget		0.000	0.000	0.000	0.000	0.000
Current President's Budget		0.000	0.000	28.759	0.000	28.759
Total Adjustments		0.000	0.000	28.759	0.000	28.759
• 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		0.000	0.000			
• SBIR/STTR Transfer		0.000	0.000			
• Other Adjustments		0.000	0.000	28.759	0.000	28.759
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2017	FY 2018	FY 2019
Title: Foundational Efforts				-	0.000	28.759
Description: Foundational Efforts support program office expertise at multiple operating locations in the areas of cyberspace, systems engineering, risk management framework, scaled agile framework, and acquisition to ensure that agile acquisition development planning and DevOps methodologies are successful.						
FY 2018 Plans: Efforts reflected in PE 0306250F, Cyber Operations Technology Development.						
FY 2019 Plans: - Deliver capability through an agile development model consisting of epics and incremental/limited deployments						
- Develop and deliver the UP Minimum Viable Product (MVP) leveraging prototyping activities from the Services and United States Cyber Command as well as validated requirement documents.						
- Some aspects of the effort are classified and will be provided on a need-to-know basis. For further information, please contact AFLCMC/HNCP, 210-977-2683.						
FY 2018 to FY 2019 Increase/Decrease Statement: In FY19, PE 0208099F, Unified Platform (UP) efforts were transferred from PE 0306250F, Cyber Operations Technology Development to enable Executive Agent oversight and management, and to provide transparency to Service stakeholders.						
Accomplishments/Planned Programs Subtotals				-	0.000	28.759

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<b>D. Other Program Funding Summary (\$ in Millions)</b> N/A		
<b>Remarks</b>		
<b>E. Acquisition Strategy</b> The Unified Platform (UP) program office will utilize Concept, Development, Risk Management, Production, or Deployment Plans as part of a streamlined approach to agile acquisition planning. All plans will contain sufficient information to inform acquisition decisions (i.e., authorities to proceed), within the agile framework, to determine readiness to enter into the applicable phase of the acquisition process. UP will utilize both new and existing contractual vehicles, such as Government-Wide Acquisition Contract (GWAC) vehicles (Alliant, Encore II, Solutions for Enterprise-Wide Procurement IV (SEWP IV), and General Services Administration (GSA) Federal Supply Schedules and a new Cyber Indefinite Delivery Indefinite Quantity (IDIQ) contract. The use of multiple-award contractual vehicles will provide a wide range of commercially-available products and services that should be able to meet many requirements related to UP. These multiple-award contractual vehicles have already met the statutory requirements of the Competition in Contracting Act (CICA), which requires a fair opportunity to all contract holders, in accordance with Federal Acquisition Regulation (FAR) 16.505, unless an exception to fair opportunity applies.		
<b>F. Performance Metrics</b> 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 / 7						R-1 Program Element (Number/Name) PE 0208099F / Unified Platform (UP)				Project (Number/Name) 672281 / Foundational Efforts					
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
UP Minimum Viable Product (MVP) Efforts and System Technical Coordination	Various	Various : TBD	-	-		-		5.000	Oct 2018	-		5.000	Continuing	Continuing	-
UP Agile Capability Development	Various	Various : TBD	-	-		-		12.579	Apr 2019	-		12.579	Continuing	Continuing	-
Subtotal			-	-		-		17.579		-		17.579	Continuing	Continuing	N/A
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
Test and Evaluation	TBD	TBD : TBD	-	0.000		0.000		0.750	Apr 2019	0.000		0.750	Continuing	Continuing	-
Subtotal			-	0.000		0.000		0.750		0.000		0.750	Continuing	Continuing	N/A
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
Product Support Costs	Various	Various : Various	-	-		-		10.430	Dec 2018	-		10.430	Continuing	Continuing	-
Subtotal			-	-		-		10.430		-		10.430	Continuing	Continuing	N/A
			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			-	0.000		0.000		28.759		0.000		28.759	Continuing	Continuing	N/A
Remarks															

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2019 Air Force			<b>Date:</b> February 2018		
<b>Appropriation/Budget Activity</b> 3600 / 7			<b>R-1 Program Element (Number/Name)</b> PE 0208099F / <i>Unified Platform (UP)</i>		
			<b>Project (Number/Name)</b> 672281 / <i>Foundational Efforts</i>		

	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
<b>Foundational Efforts</b>																												
UP Minimum Viable Product (MVP) Efforts and System Technical Coordination																												
UP Agile Capability Development																												
UP Limited Deployment (Epic 1 Inc 1)																												
UP Limited Deployment (Epic 1 Inc 2)																												
UP Limited Deployment (Epic 1 Inc 3)																												
UP Limited Deployment (Epic 2 Inc 1)																												
UP Limited Deployment (Epic 2 Inc 2)																												
UP Limited Deployment (Epic 2 Inc 3)																												
UP Limited Deployment (Epic 3 Inc 1)																												
UP Limited Deployment (Epic 3 Inc 2)																												
UP Limited Deployment (Epic 3 Inc 3)																												

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2019 Air Force			<b>Date:</b> February 2018
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0208099F / <i>Unified Platform (UP)</i>	<b>Project (Number/Name)</b> 672281 / <i>Foundational Efforts</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Foundational Efforts</i></b>				
UP Minimum Viable Product (MVP) Efforts and System Technical Coordination	1	2019	4	2023
UP Agile Capability Development	3	2019	4	2023
UP Limited Deployment (Epic 1 Inc 1)	3	2019	4	2019
UP Limited Deployment (Epic 1 Inc 2)	1	2020	2	2020
UP Limited Deployment (Epic 1 Inc 3)	3	2020	4	2020
UP Limited Deployment (Epic 2 Inc 1)	1	2021	2	2021
UP Limited Deployment (Epic 2 Inc 2)	3	2021	4	2021
UP Limited Deployment (Epic 2 Inc 3)	1	2022	2	2022
UP Limited Deployment (Epic 3 Inc 1)	3	2022	4	2022
UP Limited Deployment (Epic 3 Inc 2)	1	2023	2	2023
UP Limited Deployment (Epic 3 Inc 3)	3	2023	4	2023