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Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Air Force **Date:** April 2022

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development</i>	R-1 Program Element (Number/Name) PE 0304310F / <i>Commercial Economic Analysis</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	3.887	3.770	4.542	0.000	4.542	4.635	4.192	4.282	4.377	Continuing	Continuing
675896: <i>Commercial Economic Analysis</i>	-	3.887	3.770	4.542	0.000	4.542	4.635	4.192	4.282	4.377	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

To preserve Air Force and DoD military advantage from commercial and economic risk, the Office of Commercial Economic Analysis (OCEA) produces in-depth analytical assessments and advanced risk mitigation strategies based on commercially available industry, market, and economic information. These assessments and strategies support the decision making efforts of Service, Department of Defense, and Whole of Government to protect National Security Innovation Base equities and sustain the U.S. competitive advantage.

The funding request provides for an enterprise analytic platform providing a technical prototype which will aggregate risk data and produce mitigation strategies and impact analytic products, i.e. mature big data architecture, higher domain connectivity, continuous assessment capability and integrate external applications. The funding also supports continuous assessment of the commercially available information to ensure it is accurate, current, and relevant.

Additional classified details can be found in OSD Comptroller's classified Justification Book Volume 6.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY21 0.00M was expended for civilian pay expenses in this program element, and in FY22 0.00M is forecasted for civilian pay expenses in this program element.

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 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
Previous President's Budget	4.035	3.770	0.000	0.000	0.000
Current President's Budget	3.887	3.770	4.542	0.000	4.542
Total Adjustments	-0.148	0.000	4.542	0.000	4.542
• 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	-0.148	0.000	4.542	0.000	4.542

Change Summary Explanation

The FY 2022 President's Budget submittal did not reflect FY 2023 through FY 2026 funding. Therefore, an explanation of the change between the two budget positions for FY2023 cannot be made in a relevant manner.

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2021	FY 2022	FY 2023
Title: Commercial Economic Analysis	3.887	3.770	4.542
Description: Develop solutions to protect the National Security Innovation Base from adversary information attacks and protect the U.S. technological advantage. Research, develop, test and evaluate Commercial Economic Analysis capabilities, systems, tools, data, products, and services through a disciplined, yet agile, process that ensures commercial economic modeling pilots, risk management constructs, decision support tools, and continuous monitoring capabilities are available for Air Force sectors and segments of the National Security Innovation Base.			
Additional classified details can be found in OSD Comptroller's classified Justification Book Volume 6.			
FY 2022 Plans:			
Utilize existing contracts and new IDIQ contract task orders for continuation of modular components and data architecture framework supporting risk management, risk mitigation and nontraditional support capabilities.			
Additional classified details can be found in OSD Comptroller's classified Justification Book Volume 6.			
FY 2023 Plans:			
Continue to utilize existing contracts and new IDIQ contract task orders for continuation of modular components and data architecture framework supporting risk management, risk mitigation and nontraditional support capabilities.			

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2021	FY 2022	FY 2023
Classified details can be found in OSD Comptroller's classified Justification Book Volume 6.			
<i>FY 2022 to FY 2023 Increase/Decrease Statement:</i> Funding level increased due to increased program requirements			
Accomplishments/Planned Programs Subtotals	3.887	3.770	4.542

D. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u> <u>Base</u>	<u>FY 2023</u> <u>OCO</u>	<u>FY 2023</u> <u>Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• O&M 030431F: <i>Commercial Economic Analysis</i>	18.207	20.319	20.545	-	20.545	20.928	22.792	23.262	-	Continuing	Continuing

Remarks
N/A

E. Acquisition Strategy
Pursue competitively awarded contracts for follow-on to existing contract and task orders, with emphasis on system integration and corresponding data architectures. IDIQ task orders and specific system integration, cloud connectivity, and data contracts are the cornerstone of OCEA RDT&E activities.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Air Force **Date:** April 2022

Appropriation/Budget Activity 3600 / 7	R-1 Program Element (Number/Name) PE 0304310F / Commercial Economic Analysis	Project (Number/Name) 675896 / Commercial Economic Analysis
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Product Development (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
Enterprise Architecture and Data Integration	SS/CPIF	Novetta : McLean, VA	-	-		-		-		-		-	Continuing	Continuing	-
Analytic and Technical Services follow-on	C/TBD	TBD : TBD	-	0.387	Jul 2021	0.000		0.000		-		0.000	Continuing	Continuing	-
Data Integration	C/FFP	Dun & Bradstreet : Reston, VA	-	3.000	Mar 2021	3.375	Mar 2022	3.988	Jan 2023	-		3.988	Continuing	Continuing	-
Subtotal			-	3.387		3.375		3.988		-		3.988	Continuing	Continuing	N/A

Support (\$ in Millions)				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 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			
FFRDC	SS/FFP	MITRE : McLean, VA	-	0.500	May 2021	0.395	May 2022	0.554	Jan 2023	-		0.554	Continuing	Continuing	-
Hosting Services	SS/FFP	AWS (C2S) : Seattle, WA	-	-		-		-		-		-	Continuing	Continuing	-
Subtotal			-	0.500		0.395		0.554		-		0.554	Continuing	Continuing	N/A

			Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			-	3.887	3.770	4.542	-	4.542	Continuing	Continuing	N/A

Remarks
 Product Development: D&B Commercial Solutions Opening (CSO) purchase order replaced previous Enterprise Architecture and Data Integration contract in FY21.
 Support: Contract award is scheduled for 1Q/FY22 for these continuing efforts.

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Exhibit R-4A, RDT&E Schedule Details: PB 2023 Air Force		Date: April 2022
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
OCEA				
Mature Big Data Architecture	1	2021	2	2027
Higher Domain Connectivity	1	2021	2	2027
Continuous Assessment Capability	1	2021	2	2027
Integrate External Applications	1	2021	2	2027