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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2024 Air Force **Date:** March 2023

|  |   |
|--|---|
| <b>Appropriation/Budget Activity</b><br>3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i> | <b>R-1 Program Element (Number/Name)</b><br>PE 0304310F / <i>Commercial Economic Analysis</i> |
|--|---|

| COST (\$ in Millions)                       | Prior Years | FY 2022 | FY 2023 | FY 2024 Base | FY 2024 OCO | FY 2024 Total | FY 2025 | FY 2026 | FY 2027 | FY 2028 | Cost To Complete | Total Cost |
|---|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| Total Program Element                       | -           | 3.632   | 4.221   | 4.635        | 0.000       | 4.635         | 4.192   | 4.294   | 4.377   | 4.530   | Continuing       | Continuing |
| 675896: <i>Commercial Economic Analysis</i> | -           | 3.632   | 4.221   | 4.635        | 0.000       | 4.635         | 4.192   | 4.294   | 4.377   | 4.530   | 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 PY 0.00M was expended for civilian pay expenses in this program element, and in CY 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>B. Program Change Summary (\$ in Millions)</b> | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024 Base</b> | <b>FY 2024 OCO</b> | <b>FY 2024 Total</b> |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget                       | 3.770          | 4.542          | 4.635               | 0.000              | 4.635                |
| Current President's Budget                        | 3.632          | 4.221          | 4.635               | 0.000              | 4.635                |
| Total Adjustments                                 | -0.138         | -0.321         | 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                                  | -0.138         | -0.321         |                     |                    |                      |
| • SBIR/STTR Transfer                              | 0.000          | 0.000          |                     |                    |                      |
| • Other Adjustments                               | 0.000          | 0.000          | 0.000               | 0.000              | 0.000                |

**Change Summary Explanation**

The FY23 decrement is due to a mark for FFRDC Reduction (Sec 8026(e))

| <b>C. Accomplishments/Planned Programs (\$ in Millions)</b> | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024</b> |
|---|----------------|----------------|----------------|
|---|----------------|----------------|----------------|

|  |       |       |       |
|--|-------|-------|-------|
| <b>Title:</b> Commercial Economic Analysis   | 3.632 | 4.221 | 4.635 |
| <b>Description:</b> 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.  |       |       |       |
| <b>FY 2023 Plans:</b><br>FY23 funding will use existing contracts and Commercial Solutions Openings (CSO) purchase orders for a continuation of modular components and data architecture framework supporting risk management, risk mitigation, and non-traditional support capabilities.  |       |       |       |
| Classified details can be found in OSD Comptroller's classified Justification Book Volume 6.   |       |       |       |
| <b>FY 2024 Plans:</b>  |       |       |       |

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| <b>C. Accomplishments/Planned Programs (\$ in Millions)</b>  | FY 2022 | FY 2023 | FY 2024 |
|--|---------|---------|---------|
| FY24 funding will continue to use existing contracts and Commercial Solutions Openings (CSO) purchase orders for a continuation of modular components and data architecture framework supporting risk management, risk mitigation, and non-traditional support capabilities. |         |         |         |
| <b><i>FY 2023 to FY 2024 Increase/Decrease Statement:</i></b><br>Increase based on inflation.  |         |         |         |
| <b>Accomplishments/Planned Programs Subtotals</b>  | 3.632   | 4.221   | 4.635   |

| <b>D. Other Program Funding Summary (\$ in Millions)</b> |                |                |                               |                              |                                |                |                |                |                |                                   |                   |
|--|----------------|----------------|-------------------------------|------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-----------------------------------|-------------------|
| <u>Line Item</u>   | <u>FY 2022</u> | <u>FY 2023</u> | <u>FY 2024</u><br><u>Base</u> | <u>FY 2024</u><br><u>OCO</u> | <u>FY 2024</u><br><u>Total</u> | <u>FY 2025</u> | <u>FY 2026</u> | <u>FY 2027</u> | <u>FY 2028</u> | <u>Cost To</u><br><u>Complete</u> | <u>Total Cost</u> |
| • O&M 030431F: <i>Commercial Economic Analysis</i>       | 20.319         | 20.465         | 20.674                        | -                            | 20.674                         | 23.587         | 24.004         | 24.483         | 24.933         | 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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| <b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 Air Force |   | <b>Date:</b> March 2023  |
| <b>Appropriation/Budget Activity</b><br>3600 / 7                   | <b>R-1 Program Element (Number/Name)</b><br>PE 0304310F / <i>Commercial Economic Analysis</i> | <b>Project (Number/Name)</b><br>675896 / <i>Commercial Economic Analysis</i> |

Schedule Details

| Events by Sub Project            | Start   |      | End     |      |
|----------------------------------|---------|------|---------|------|
|                                  | Quarter | Year | Quarter | Year |
| <b>OCEA</b>                      |         |      |         |      |
| Mature Big Data Architecture     | 1       | 2022 | 4       | 2028 |
| Higher Domain Connectivity       | 1       | 2022 | 4       | 2028 |
| Continuous Assessment Capability | 1       | 2022 | 4       | 2028 |
| Integrate External Applications  | 1       | 2022 | 4       | 2028 |