

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

| | |
|---|--|
| Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)</i> | R-1 Program Element (Number/Name) PE 0604124D8Z I <i>Chief Digital Artificial Intelligence Officer</i> |
|---|--|

| 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 | - | 0.000 | 0.000 | 33.950 | - | 33.950 | 34.350 | 38.500 | 40.750 | 31.050 | Continuing | Continuing |
| 068: <i>Intelligence Support</i> | - | 0.000 | 0.000 | 33.950 | - | 33.950 | 34.350 | 38.500 | 40.750 | 31.050 | Continuing | Continuing |

Note

New Start (Y/N): No

A. Mission Description and Budget Item Justification

This program supports the Department's initiatives to build enduring advantage and build a resilient Joint Force and defense ecosystem. On December 8, 2021, the Deputy Secretary of Defense (DSD) issued a memo establishing the Chief Digital and Artificial Intelligence Officer (CDAO) as the Department's senior official responsible for strengthening and integrating data, artificial intelligence, and digital solutions in the Department. The memorandum establishes the CDAO as the "successor organization to the Joint Artificial Intelligence Center (JAIC)". The CDAO reached Initial Operational Capacity (IOC) on February 1, 2022 and will integrate the JAIC, the Defense Digital Service (DDS), the Office of the Chief Data Officer (OCDO), and the Advancing Analytics (Advana) office from OUSD (Comptroller) as it approaches Full Operational Capacity (FOC) on June 1, 2022.

The integration of the JAIC, OCDO, DDS, and Advana into the CDAO more comprehensively restructures how the Department approaches the complex and dynamic challenges of becoming a digital, data, and Artificial Intelligence (AI) enabled enterprise capable of operating at the speed and scale necessary to accelerate the Department's adoption of data, analytics, and AI to preserve decision advantage.

The functions of the CDAO are as follows: lead and oversee DoD's strategy development and policy formulation for data, analytics, and AI; break down barriers to data and AI adoption within DoD institutional processes; create enabling digital infrastructure and services that support Components' development and deployment of data, analytics, AI, and digital-enabled solutions; selectively scale proven digital and AI-enabled solutions focused on enterprise and joint use cases; and surge digital services for rapid response to crises and emergent challenges. This also requires CDAO to integrate the capabilities, personnel, resources, and governance of its constituent organizations, while concurrently sustaining momentum on priority projects that align to CDAO's mission. These include expanding the enterprise data repository; establishing a responsible AI ecosystem; executing the AI and Data Accelerator (ADA) initiative; and developing a Data, Analytics, and AI Adoption Strategy. These various lines of effort will support the overarching mission of accelerating the Department's adoption of data, analytics, and AI to preserve decision advantage across the Joint Force.

The Department of Defense (DoD) and Intelligence Community (IC) Integration is chartered to create joint interoperability and leverage one another to harness and scale AI across the DoD. The organizational purpose is to improve coordination and interoperability between DoD and the IC, minimize duplication while maximizing a common approach, and develop an innovated joint AI operational concept and capability, where appropriate. This funding is assigned to support elements across three levels of effort: intelligence mission structure; compute and storage; and intelligence capabilities. Further details are classified and available upon request.

UNCLASSIFIED

| | |
|---|-------------------------|
| Exhibit R-2, RDT&E Budget Item Justification: PB 2023 Office of the Secretary Of Defense | Date: April 2022 |
|---|-------------------------|

| | |
|---|--|
| Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 4: Advanced Component Development & Prototypes (ACD&P)</i> | R-1 Program Element (Number/Name) PE 0604124D8Z I <i>Chief Digital Artificial Intelligence Officer</i> |
|---|--|

| B. Program Change Summary (\$ in Millions) | FY 2021 | FY 2022 | FY 2023 Base | FY 2023 OCO | FY 2023 Total |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 0.000 | 0.000 | 0.000 | - | 0.000 |
| Current President's Budget | 0.000 | 0.000 | 33.950 | - | 33.950 |
| Total Adjustments | 0.000 | 0.000 | 33.950 | - | 33.950 |
| • Congressional General Reductions | - | - | | | |
| • Congressional Directed Reductions | - | - | | | |
| • Congressional Rescissions | - | - | | | |
| • Congressional Adds | - | - | | | |
| • Congressional Directed Transfers | - | - | | | |
| • Reprogrammings | - | - | | | |
| • SBIR/STTR Transfer | - | - | | | |
| • Adjustment to Budget Year | - | - | 33.950 | - | 33.950 |

Change Summary Explanation

On December 8, 2021, the DSD issued a memo establishing the CDAO as the Department’s senior official responsible for strengthening and integrating data, artificial intelligence, and digital solutions in the Department. The memorandum establishes the CDAO as the “successor organization to the JAIC”. The CDAO reached IOC on February 1, 2022 and will integrate the JAIC, the DDS, the OCDO, and Advana as it approaches FOC on June 1, 2022. The realignment of funding from the Under Secretary of Defense for Intelligence and Security (USDI&S) supports the consolidation of the Department’s existing functional efforts in order to align manpower and funding under the OCDAO.

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

| | | |
|--|---|--|
| Appropriation/Budget Activity 0400 / 4 | R-1 Program Element (Number/Name) PE 0604124D8Z / Chief Digital Artificial Intelligence Officer | Project (Number/Name) 068 / Intelligence Support |
|--|---|--|

| 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 |
|----------------------------------|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| 068: <i>Intelligence Support</i> | - | 0.000 | 0.000 | 33.950 | - | 33.950 | 34.350 | 38.500 | 40.750 | 31.050 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

The DoD and IC Integration is chartered to create joint interoperability and leverage one another to harness and scale AI across the DoD. The organizational purpose is to improve coordination and interoperability between DoD and the IC, minimize duplication while maximizing a common approach, and develop an innovated joint AI operational concept and capability, where appropriate. This funding is assigned to support elements across three levels of effort: intelligence mission structure; compute and storage; and intelligence capabilities. Further details are classified and available upon request.

B. Accomplishments/Planned Programs (\$ in Millions)

| | FY 2021 | FY 2022 | FY 2023 |
|---|---------|---------|---------|
| Title: Project Maven | 0.000 | - | 33.950 |
| Description: The DoD and IC Integration is chartered to create joint interoperability and leverage one another to harness and scale AI across the DoD. The organizational purpose is to improve coordination and interoperability between DoD and the IC, minimize duplication while maximizing a common approach, and develop an innovated joint AI operational concept and capability, where appropriate. This funding is assigned to support elements across three levels of effort: intelligence mission structure; compute and storage; and intelligence capabilities. Further details are classified and available upon request. | | | |
| FY 2023 Plans: FY23 plans are classified and available upon request. | | | |
| FY 2022 to FY 2023 Increase/Decrease Statement: Effective February 1, 2022 the DoD established the position of the CDAO and the OCDAO, tasked with serving as the Department's senior official, and a Principal Staff Assistant, responsible for strengthening and integrating data, artificial intelligence, and digital solutions. The realignment of funding from the USDI&S supports the consolidation of the Department's existing functional efforts in order to align manpower and funding under the OCDAO. | | | |
| Accomplishments/Planned Programs Subtotals | 0.000 | - | 33.950 |

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

| | | |
|--|---|---|
| Appropriation/Budget Activity 0400 / 4 | R-1 Program Element (Number/Name) PE 0604124D8Z / <i>Chief Digital Artificial Intel ligence Officer</i> | Project (Number/Name) 068 / <i>Intelligence Support</i> |
|--|---|---|

| FY 2021 | | | | FY 2022 | | | | FY 2023 | | | | FY 2024 | | | | FY 2025 | | | | FY 2026 | | | | FY 2027 | | | |
|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|
| 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 |

| | |
|-----------------------------|------------|
| <i>Project Maven</i> | |
| Project Maven | [REDACTED] |

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2023 Office of the Secretary Of Defense **Date:** April 2022

| | | |
|--|---|---|
| Appropriation/Budget Activity 0400 / 4 | R-1 Program Element (Number/Name) PE 0604124D8Z / <i>Chief Digital Artificial Intel ligence Officer</i> | Project (Number/Name) 068 / <i>Intelligence Support</i> |
|--|---|---|

Schedule Details

| Events by Sub Project | Start | | End | |
|-----------------------------|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| <i>Project Maven</i> | | | | |
| Project Maven | 4 | 2022 | 3 | 2027 |