

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2024 Office of the Secretary Of Defense **Date:** March 2023

|  |   |
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| <b>Appropriation/Budget Activity</b><br>0400: Research, Development, Test & Evaluation, Defense-Wide I BA 5:<br>System Development & Demonstration (SDD) | <b>R-1 Program Element (Number/Name)</b><br>PE 0604123D8Z I Chief Digital Artificial Intelligence Officer |
|--|---|

| 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                 | 0.000       | 0.000   | 278.340 | 615.246      | -           | 615.246       | 595.852 | 598.989 | 384.157 | 392.226 | Continuing       | Continuing |
| 067: AI/ML Demonstration & Validation | 0.000       | 0.000   | 278.340 | 615.246      | -           | 615.246       | 595.852 | 598.989 | 384.157 | 392.226 | Continuing       | Continuing |

**Note**

New Start (Y/N): No

**A. Mission Description and Budget Item Justification**

The Chief Digital and Artificial Intelligence Officer (CDAO) supports the Department's initiatives to build enduring advantage and build a resilient Joint Force and Defense ecosystem. The CDAO is responsible for strengthening and integrating data, artificial intelligence, and digital solutions in the Department in support of the National Defense Strategy (NDS) and Section 1513 of the National Defense Authorization Act (NDAA) for FY 2023.

The functions of the CDAO are as follows: lead and oversee the 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 continue priority projects that align to the mission. This includes 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.

**B. Program Change Summary (\$ in Millions)**

|                                     | <u>FY 2022</u> | <u>FY 2023</u> | <u>FY 2024 Base</u> | <u>FY 2024 OCO</u> | <u>FY 2024 Total</u> |
|-------------------------------------|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget         | 0.000          | 273.340        | 285.229             | -                  | 285.229              |
| Current President's Budget          | 0.000          | 278.340        | 615.246             | -                  | 615.246              |
| Total Adjustments                   | 0.000          | 5.000          | 330.017             | -                  | 330.017              |
| • Congressional General Reductions  | -              | -              |                     |                    |                      |
| • Congressional Directed Reductions | -              | -              |                     |                    |                      |
| • Congressional Rescissions         | -              | -              |                     |                    |                      |
| • Congressional Adds                | -              | 5.000          |                     |                    |                      |
| • Congressional Directed Transfers  | -              | -              |                     |                    |                      |
| • Reprogrammings                    | -              | -              |                     |                    |                      |
| • SBIR/STTR Transfer                | -              | -              |                     |                    |                      |
| • Program Adjustments               | -              | -              | 330.017             | -                  | 330.017              |

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| <b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2024 Office of the Secretary Of Defense | <b>Date:</b> March 2023 |
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| <b>Appropriation/Budget Activity</b><br>0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide</i> / BA 5:<br><i>System Development &amp; Demonstration (SDD)</i> | <b>R-1 Program Element (Number/Name)</b><br>PE 0604123D8Z / <i>Chief Digital Artificial Intelligence Officer</i> |
|--|--|

**Congressional Add Details (\$ in Millions, and Includes General Reductions)**

**Project:** 067: *AI/ML Demonstration & Validation*

Congressional Add: *CDAO - DEM / VAL Activities*

Congressional Add Subtotals for Project: 067

Congressional Add Totals for all Projects

|  | FY 2022 | FY 2023 |
|--|---------|---------|
|  | -       | 5.000   |
|  | -       | 5.000   |
|  | -       | 5.000   |

**Change Summary Explanation**

FY 2024 growth supports the expansion of AI capabilities across the DoD enterprise to include enhanced data quality, data, analytics, AI, and digital-enabled solutions in support of the National Defense Strategy (NDS) and National Defense Authorization Act (NDAA).

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**Exhibit R-2A, RDT&E Project Justification:** PB 2024 Office of the Secretary Of Defense **Date:** March 2023

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| <b>Appropriation/Budget Activity</b><br>0400 / 5 | <b>R-1 Program Element (Number/Name)</b><br>PE 0604123D8Z / Chief Digital Artificial Intelligence Officer | <b>Project (Number/Name)</b><br>067 / AI/ML Demonstration & Validation |
|--|---|--|

| 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 |
|---------------------------------------|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| 067: AI/ML Demonstration & Validation | 0.000       | 0.000   | 278.340 | 615.246      | -           | 615.246       | 595.852 | 598.989 | 384.157 | 392.226 | Continuing       | Continuing |
| Quantity of RDT&E Articles            | -           | -       | -       | -            | -           | -             | -       | -       | -       | -       |                  |            |

**A. Mission Description and Budget Item Justification**

The functions of the CDAO are as follows: lead and oversee the 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 focusing on priority projects that align to CDAO’s mission. This includes expanding the enterprise data repository; establishing a responsible AI ecosystem; executing the 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.

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

|   | FY 2022 | FY 2023 | FY 2024 |
|---|---------|---------|---------|
| <p><b>Title:</b> CDAO: Building Resiliency and Readiness (USD(P&amp;R)) ADVANA</p> <p><b>Description:</b> The GAO report 18-586R on Military Aviation Mishap findings showed that there are gaps on OUSD(P&amp;R)’s approach for collecting, reporting, and analyzing mishap data due to lack of standardized reporting elements across the military departments’ safety centers. Advana is a technology platform that not only houses a collection of enterprise data, but expands the boundaries of a standard data warehouse by arming military and business decision-makers with decision support analytics, visualizations, and data tools. This project will support the Joint Safety Council, once established, to aid in the assessment of Services’ aviation mishap data supporting improvement in aviation safety.</p> <p><b>FY 2023 Plans:</b><br/>FY 2023 plans will allow for the enhancement of the Advanced Analytics (Advana) program.</p> <p><b>FY 2024 Plans:</b><br/>N/A</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b><br/>FY 2024 funding realigned to support CDAO priorities.</p> | -       | 1.900   | 0.000   |
| <p><b>Title:</b> Chief Digital and Artificial Intelligence Officer</p> <p><b>Description:</b> The CDAO will continue to lead and oversee the 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</p>   | -       | 158.832 | 420.939 |

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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Office of the Secretary Of Defense |   | <b>Date:</b> March 2023   |
| <b>Appropriation/Budget Activity</b><br>0400 / 5   | <b>R-1 Program Element (Number/Name)</b><br>PE 0604123D8Z / <i>Chief Digital Artificial Intel<br/>ligence Officer</i> | <b>Project (Number/Name)</b><br>067 / <i>AI/ML Demonstration &amp; Validation</i> |

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

|  | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024</b> |
|--|----------------|----------------|----------------|
| <p>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 focusing on priority projects that align to CDAO’s mission. This includes expanding the enterprise data repository; establishing a responsible AI ecosystem; executing the 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.</p> <p><b>FY 2023 Plans:</b><br/>In FY 2023, the CDAO will continue to make progress in transforming the Department through AI, and understanding the importance of remaining agile and adapting to meet the diverse needs. The CDAO’s Warfighter Support and Enterprise Capabilities will be tailored to meet these needs, and the personnel supporting these efforts are the CDAO’s front-line of support to DoD components.</p> <p>The CDAO will continue to build on the Responsible AI eco-system to ensure the ethical, legal and moral foundations of our AI activities is reflected in every step of AI Development and implementation processes. CDAO will continue to work to ensure the RAI process flows through Test and Evaluation processes. In FY 2023 CDAO AI Assurance will also continue to transform the current Test and Evaluation Master Plan (TEMP) to a Digital TEMP, reducing development time of the TEMP, and increasing usefulness of the TEMP through fully integrated Digital Engineering (DE) processes. The CDAO Enterprise Platforms and Capabilities team will work with Advana, SUNet, VAULT, DI2E, PlatformOne, CloudOne, Navy Black Pearl, COEUS, and DoD HPCs to develop a long-term strategy to ensure that Fabric development efforts meet the Department’s needs. The CDAO will take the critical, tested and proven enterprise platforms and capabilities, such as access controls, data and service integration, and AL/MLOps pipeline to continue development of foundational services to be shared and used by the Department. This effort will facilitate the creation a superhighway of countless platforms and systems to move data, analytics, capabilities, and integrate enterprise services to enable the acceleration of AI across the Department.</p> <p><b>FY 2024 Plans:</b><br/>In FY 2024, the CDAO will continue to make progress in transforming the Department through AI, and understanding the importance of remaining agile and adapting to meet diverse needs. The CDAO’s functions and products will be tailored to meet these needs, and the personnel supporting these efforts are the CDAO’s front-line of support to DoD components.</p> |                |                |                |

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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Office of the Secretary Of Defense  |   | <b>Date:</b> March 2023   |                |
| <b>Appropriation/Budget Activity</b><br>0400 / 5  | <b>R-1 Program Element (Number/Name)</b><br>PE 0604123D8Z / <i>Chief Digital Artificial Intel<br/>ligence Officer</i> | <b>Project (Number/Name)</b><br>067 / <i>AI/ML Demonstration &amp; Validation</i> |                |
| <b>B. Accomplishments/Planned Programs (\$ in Millions)</b>   |   | <b>FY 2022</b>  | <b>FY 2023</b> |
| <p>The CDAO will continue to build on the Responsible AI eco-system to ensure the ethical, legal and moral foundations of our AI activities is reflected in every step of AI Development and implementation processes. CDAO will continue to work to ensure that RAI flows through AI Assurance processes.</p> <p>The CDAO team will work with Joint, Service, and partner platforms to develop a long-term strategy to ensure that Enterprise Capabilities meets the Department’s needs. The CDAO will take the critical, tested and proven enterprise platforms and capabilities, such as access controls, data and service integration, and AL/MLOps pipeline to continue development of foundational services to be shared and used by the Department. This effort will facilitate the creation of a superhighway of countless platforms and systems to move data, analytics, capabilities, and integrate enterprise services to enable the acceleration of AI across the Department.</p> <p>FY 2024 growth will support the following:</p> <ul style="list-style-type: none"> <li>- Development of campaigning decision support tools for DoD's Dynamic Campaigning efforts</li> <li>- Provide high-performance computing resources for AI test and evaluation</li> <li>- Development of tools to continuously assess AI performance</li> <li>- Development of AI interoperability standards</li> <li>- Development of AI research and development hubs</li> <li>- Creation of a center for AI assurance expertise</li> <li>- Development of a containerized AI tool platform, a centralized library of AI packages, and a centralized library of foundational models</li> <li>- Development of AI test and evaluation courses at DAU and an AI training platform</li> <li>- DoD digital language proficiency incentives</li> <li>- Analytics capabilities of the Artificial Intelligence and Data Accelerator (ADA) initiative at the Combatant Commands</li> <li>- Three year pilot effort to provide embedded analytics support teams at the Services, Principal Staff Assistants, and select Defense Agencies and Field Activities</li> <li>- Three year development and experimentation of JADC2 capabilities initiated by INDOPACOM, NORTHCOM and EUCOM to operationalize a data integration layer for use across all Combatant Commands</li> <li>- Global Information Dominance Experiments (GIDE) to assess progress for operational, strategic and global applications</li> </ul> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b><br/>FY 2024 increase will support the expansion of Artificial Intelligence capabilities within CDAO and across the enterprise to include the development and enhancement of enterprise platforms and capabilities, such as access controls, data and service integration, and AL/MLOps pipeline to continue development of foundational services to be shared and used by the Department.</p> |   |   |                |
| <b>Title:</b> Artificial Intelligence and Data Accelerator (ADA)  |   | -   | 76.790         |

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| <b>Appropriation/Budget Activity</b><br>0400 / 5   | <b>R-1 Program Element (Number/Name)</b><br>PE 0604123D8Z / <i>Chief Digital Artificial Intel<br/>ligence Officer</i> | <b>Project (Number/Name)</b><br>067 / <i>AI/ML Demonstration &amp; Validation</i> |

| <b>B. Accomplishments/Planned Programs (\$ in Millions)</b>  | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024</b> |
|--|----------------|----------------|----------------|
| <p><b>Description:</b> ADA is a DSD initiative to accelerate the deployment of data-enabled automation platform and development capabilities to each CCMD. ADA is designed to help CCMDs determine their long-term data and AI capability and needs and whether existing platforms can be scaled to address them. This funding addresses the AI component of ADA which will enable AI capability development and demonstration across three subcomponents: AI-Enabled Joint Operating System; CCMD Experimentation; and AI Integration Service Programs.</p> <p>The ADA effort was directed by the DSD to accelerate the deployment of data- enabled automation platforms and development capabilities to each CCMD. It is designed to transform how CCMDs conduct globally-integrated data management, including both warfighting and business decision analytics, and provide a data foundation to enable workflow and command and control automation capabilities. ADA is a campaign of learning to identify data and joint all domain command and control (JADC2) operational needs, discover obstacles to implementation of modern capabilities, and develop joint solutions. The ADA initiative is led by the CDAO.</p> <p><b>FY 2023 Plans:</b><br/>In FY 2023, CDAO plans to continue to build ADA support personnel and partnerships to solve data, process, and infrastructure challenges at scale. ADA accomplishes this via on-site data personnel to augment CCMD capabilities, access to artificial intelligence (AI) experts to deploy tailored process solutions, deep reach back to DoD enterprise services, and close integration with the JADC2 experimentation community. ADA seeks to learn fast and scale outcomes broadly. As effective solutions are developed in one CCMD, they will be made available across the enterprise for further development and implementation. ADA is not solely focused on capability delivery, but designed to address both materiel and non-materiel challenges to data management. ADA discovery efforts across a range of capability areas including workforce development, acquisition practices, software modernization, IT infrastructure, and outdated processes are included. The ADA team will provide recommendations to the CDAO, JADC2 partners, and other governance bodies as appropriate.</p> <p>The ADA plan envisions a modest level of data management support for each CCMD by deploying the Advana and intelligence support platforms to each CCMD and the Joint Staff and embedding teams of data, analytics, and AI experts within the CCMDs to identify and resolve use cases.</p> <p><b>FY 2024 Plans:</b><br/>In FY 2024, CDAO plans to continue to build ADA support and partnerships to solve data, process, and infrastructure challenges at scale. ADA accomplishes this via on-site data personnel to augment CCMD capabilities, access to artificial intelligence (AI) experts to deploy tailored process solutions, deep reach back to DoD enterprise services, and close integration with the JADC2 experimentation community. ADA seeks to learn fast and scale outcomes broadly. As effective solutions are developed in one CCMD, they will be made available across the enterprise for further development and implementation. ADA is not solely focused</p> |                |                |                |

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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Office of the Secretary Of Defense |  | <b>Date:</b> March 2023   |
| <b>Appropriation/Budget Activity</b><br>0400 / 5   | <b>R-1 Program Element (Number/Name)</b><br>PE 0604123D8Z / <i>Chief Digital Artificial Intelligence Officer</i> | <b>Project (Number/Name)</b><br>067 / <i>AI/ML Demonstration &amp; Validation</i> |

| <b>B. Accomplishments/Planned Programs (\$ in Millions)</b>   | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024</b> |
|---|----------------|----------------|----------------|
| <p>on capability delivery, but designed to address both materiel and non-materiel challenges to data management. ADA discovery efforts across a range of capability areas include workforce development, acquisition practices, software modernization, IT infrastructure, and outdated processes are included. The ADA team will provide recommendations to the CDAO, JADC2 partners, and other governance bodies as appropriate. The ADA plan envisions a modest level of data management support for each CCMD by deploying the Advana and intelligence support platforms to each CCMD and the Joint Staff and embedding teams of data, analytics, and AI experts within the CCMDs to identify and resolve use cases.</p>  |                |                |                |
| <p><b>Title:</b> Joint Artificial Intelligence (AI) Test and Evaluation (T&amp;E) Infrastructure Capability (JATIC)</p> <p><b>Description:</b> At the direction of the DSD and recommendation of the NSCAI report, CDAO established the JATIC to enable enterprise-scale rapid development, testing, and deployment of AI capabilities across warfighting domains. The JATIC will enable enterprise-scale rapid development, testing, and deployment of AI capabilities across warfighter domains and will migrate the DoD towards Joint All Domain Test &amp; Evaluation. This funding will support JATIC foundational programs such as: Adversarial AI T&amp;E, AI/ML model card standards, Scalable AI Test Harness, CDAO data repository, data service marketplace, and ontologies.</p> <p><b>FY 2023 Plans:</b><br/>In FY 2023, CDAO plans to develop Adversarial AI Test &amp; Evaluation capabilities, AI/ML model card standards, the Scalable AI Test Harness, the CDAO data repository, data service marketplace and enterprise ontologies.</p> <p><b>FY 2024 Plans:</b><br/>FY 2024 funding will be utilized to support JATIC efforts to include the T&amp;E Factory, Scalable AI T&amp;E Harness, Adversarial AI T&amp;E, AI/ML model cards, as well as a data repository, data service marketplace, and ontologies.</p> <p><b>FY 2023 to FY 2024 Increase/Decrease Statement:</b><br/>FY 2024 increase is due to the continuation of JATIC efforts to include the T&amp;E Factory, Scalable AI T&amp;E Harness, Adversarial AI T&amp;E, AI/ML model cards, as well as a data repository, data service marketplace, and ontologies.</p> | -              | 12.727         | 18.081         |
| <p><b>Title:</b> Chief Digital and Artificial Intelligence Officer - Advana</p> <p><b>Description:</b> The Advancing Analytics (Advana) platform is the single enterprise authoritative data management and analytics platform for the Secretary of Defense, Deputy Secretary of Defense, and Principal Staff Assistants (PSAs), with inputs from all DoD Components in alignment with the 5 May 2021 Creating Data Advantage memorandum signed by the Deputy Secretary of Defense. In FY 2024, CDAO will continue to develop and expand existing platform infrastructure, operations, and technical architecture to meet senior leadership and customer demand as outlined in Section 1513 of the National Defense Authorization Act for FY 2023. This tool suite provides Senior Leaders near real time awareness of the entire deployment process (planning stage through execution to closure) for people, equipment, and supplies within a specific Area of Responsibility. The crisis in Ukraine created a critical, time-sensitive demand for further rapid data aggregation and ongoing development support to</p>  | -              | 23.091         | 99.436         |

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| <b>Appropriation/Budget Activity</b><br>0400 / 5 | <b>R-1 Program Element (Number/Name)</b><br>PE 0604123D8Z / <i>Chief Digital Artificial Intel<br/>ligence Officer</i> | <b>Project (Number/Name)</b><br>067 / <i>AI/ML Demonstration &amp; Validation</i> |
|--|---|---|

| <b>B. Accomplishments/Planned Programs (\$ in Millions)</b>  | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024</b> |
|--|----------------|----------------|----------------|
| <p>inform senior leader decision-making on deployment of personnel and equipment, including Non-Combatant Evacuation, Covid-19 considerations, and humanitarian aid, among other potential problem sets. Additional service support resources are needed for 24/7 operating demands required for future incidents, and globally distributed staff embedded within several Combatant Commands. This work also results in additional infrastructure, license, and labor costs. Advana must also expand to environments such as (Joint Worldwide Intelligence Communication System) to support data needs and operations at higher classification levels. The benefit of having preplanned, established frameworks and mechanisms for data interoperability between DoD components and other agencies can increase speed to insight and relevance for critical information necessary for time constrained decision support.</p> <p><b><i>FY 2023 Plans:</i></b><br/>In FY 2023, the CDAO will continue to make progress in transforming the Department through AI, and understanding the importance of remaining agile and adapting to meet its diverse needs.</p> <p><b><i>FY 2024 Plans:</i></b><br/>In FY 2024, the CDAO will continue to make progress in transforming the Department through AI, and understanding the importance of remaining agile and adapting to meet its diverse needs. Specifically, CDAO will continue to expand the existing Advana platform infrastructure, operations, and technical architecture to meet senior leadership and customer demand. CDAO will continue to expand its current inventory of automated data connections within Advana by establishing new connections to Authoritative Data Sources (ADS) as prioritized by SD/DSD, OSD senior leadership, Joint Staff, the Military Services, and the Combatant Commands (CCMDs). CDAO and the Advana team will continue to provide readily available access to authoritative data for informed decision-making for DoD stakeholders and senior leaders.</p> <p><b><i>FY 2023 to FY 2024 Increase/Decrease Statement:</i></b><br/>The FY 2024 increase will support growth in users, data, and analytic output for Advana to provide decision advantage and develop new capabilities. The increase will support Advana platform expansion, operations, and technical architecture to meet demand. Funding increase will also support data engineering efforts, data service development and analytics activities. Funded efforts to include development of application programming interfaces (APIs) for data sharing, development of common ontologies for data modeling, data labeling activities, and a federated data and model catalog in support of section 1513 of the FY 2023 NDAA and the NDS priority to build a resilient Joint Force and defense ecosystem.</p> |                |                |                |
| <b>Accomplishments/Planned Programs Subtotals</b>  | -              | 273.340        | 615.246        |

|   |                |                |
|---|----------------|----------------|
|   | <b>FY 2022</b> | <b>FY 2023</b> |
| <b>Congressional Add:</b> CDAO - DEM / VAL Activities | -              | 5.000          |

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|   | FY 2022 | FY 2023 |
|---|---------|---------|
| <b>FY 2023 Plans:</b> FY 2023 increase will support vertical munitions and fuel data integration pilots, as well efforts to deliver tactical artificial intelligence at Combatant Commands. |         |         |
| <b>Congressional Adds Subtotals</b>   | -       | 5.000   |

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

N/A

**Remarks**

**D. Acquisition Strategy**

The CDAO acquisition, management, and contracting strategy follows guidance outlined in the DoD 5000 series directives, Federal Acquisition Regulation (FAR) and FAR supplement policies and procedures. Management uses project management tools and meetings to ensure delivery of stated capabilities and performance criteria.



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| <b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2024 Office of the Secretary Of Defense |   | <b>Date:</b> March 2023   |
| <b>Appropriation/Budget Activity</b><br>0400 / 5   | <b>R-1 Program Element (Number/Name)</b><br>PE 0604123D8Z / <i>Chief Digital Artificial Intel<br/>ligence Officer</i> | <b>Project (Number/Name)</b><br>067 / <i>AI/ML Demonstration &amp; Validation</i> |

| FY 2022 |   |   |   | FY 2023 |   |   |   | FY 2024 |   |   |   | FY 2025 |   |   |   | FY 2026 |   |   |   | FY 2027 |   |   |   | FY 2028 |   |   |   |
|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|
| 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>Artificial Intelligence and Data Accelerator</b>   |            |
| ADA   | [REDACTED] |
| <b>CDAO: Building Resiliency and Readiness (USD(P&amp;R)) ADVANA</b>                                      |            |
| CDAO: Building Resiliency and Readiness (USD(P&R)) ADVANA   | [REDACTED] |
| <b>Joint Artificial Intelligence (AI) Test and Evaluation (T&amp;E) Infrastructure Capability (JATIC)</b> |            |
| Joint Artificial Intelligence (AI) Test and Evaluation (T&E) Infrastructure Capability (JATIC)            | [REDACTED] |
| <b>Establishment of the Chief Digital and Artificial Intelligence Officer - Advana</b>                    |            |
| Advana  | [REDACTED] |
| <b>Establishment of the Chief Digital and Artificial Intelligence Officer</b>                             |            |
| CDAO  | [REDACTED] |

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| <b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2024 Office of the Secretary Of Defense |  | <b>Date:</b> March 2023   |
| <b>Appropriation/Budget Activity</b><br>0400 / 5  | <b>R-1 Program Element (Number/Name)</b><br>PE 0604123D8Z / <i>Chief Digital Artificial Intelligence Officer</i> | <b>Project (Number/Name)</b><br>067 / <i>AI/ML Demonstration &amp; Validation</i> |

Schedule Details

| Events by Sub Project  | Start   |      | End     |      |
|--|---------|------|---------|------|
|  | Quarter | Year | Quarter | Year |
| <b><i>Artificial Intelligence and Data Accelerator</i></b>   |         |      |         |      |
| ADA  | 4       | 2022 | 3       | 2028 |
| <b><i>CDAO: Building Resiliency and Readiness (USD(P&amp;R)) ADVANA</i></b>                                      |         |      |         |      |
| CDAO: Building Resiliency and Readiness (USD(P&R)) ADVANA  | 4       | 2022 | 3       | 2028 |
| <b><i>Joint Artificial Intelligence (AI) Test and Evaluation (T&amp;E) Infrastructure Capability (JATIC)</i></b> |         |      |         |      |
| Joint Artificial Intelligence (AI) Test and Evaluation (T&E) Infrastructure Capability (JATIC)                   | 4       | 2022 | 3       | 2028 |
| <b><i>Establishment of the Chief Digital and Artificial Intelligence Officer - Advana</i></b>                    |         |      |         |      |
| Advana   | 4       | 2022 | 3       | 2028 |
| <b><i>Establishment of the Chief Digital and Artificial Intelligence Officer</i></b>                             |         |      |         |      |
| CDAO   | 4       | 2022 | 3       | 2028 |