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Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Defense Information Systems Agency **Date:** March 2024

| | |
|---|---|
| Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development</i> | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> |
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| COST (\$ in Millions) | Prior Years | FY 2023 | FY 2024 | FY 2025 Base | FY 2025 OCO | FY 2025 Total | FY 2026 | FY 2027 | FY 2028 | FY 2029 | Cost To Complete | Total Cost |
|---|-------------|---------|---------|--------------|-------------|---------------|---------|---------|---------|---------|------------------|------------|
| Total Program Element | 224.734 | 18.652 | 19.299 | 12.843 | - | 12.843 | 16.686 | 13.689 | 13.908 | 14.186 | Continuing | Continuing |
| E65: <i>Modeling and Simulation and Enterprise Architecture</i> | 123.894 | 3.812 | 4.190 | 4.298 | - | 4.298 | 4.402 | 4.495 | 4.584 | 4.676 | Continuing | Continuing |
| T62: <i>DoD Information Network (DODIN) Systems Engineering and Support</i> | 100.840 | 14.840 | 15.109 | 8.545 | - | 8.545 | 12.284 | 9.194 | 9.324 | 9.510 | Continuing | Continuing |

A. Mission Description and Budget Item Justification

The Defense Information Infrastructure Engineering and Integration effort encompasses two projects, the DoD Information Network (DoDIN) Systems Engineering Support and Modeling and Simulation End-to-End (E2E) Architecture.

- Modeling and Simulation and End-to-End (E2E) Architecture:

Within the Modeling and Simulation End-to-End Architecture project, there are two major activities: Modeling and Simulation and Enterprise Architecture.

- Modeling and Simulation

The Modeling and Simulation activity provides systems engineering and E2E analytical functions for DISA and its customers, ensuring integrated capabilities fulfill warfighter mission requirements. Ongoing beneficiaries of these network modeling, simulation, and analysis capabilities include:

Services and Regional Combatant Commands (COCOMs): Receive modeling analyses and recommendations for architecture changes such as circuit rerouting due to Military Construction and planning for additional sites and the increased capacity for the Pacific theater.

DoD CIO and Services: Receive modeling projections for the utilization of new classified desktop and mobility services to be migrated to cloud environments.

DoD agencies: Receive training and support on the Joint Communications Simulation System, which is the system used to model network and applications.

Additional activity resolves near term (one to three years) high-priority technical issues, as defined by DoD CIO and DISA, that impact operational capabilities, affecting DoDIN E2E interoperability and performance. For example, resolution of poor M365 Teams performance or planning for new high bandwidth routers. Additional activities include development and testing of models to simulate planned changes to enterprise services, to include migrating DISA enterprise services to cloud architectures, adding capacity to support new Fourth Estate customers, and completing network changes to support enhanced security.

- End-to-End (E2E) Architecture

The E2E Architecture effort establishes Enterprise Architecture (EA) development standards, documents and generates needed IT architecture artifacts to provide E2E interoperability and performance analysis, and systems engineering support for architecture evolution across DISA. DISA works with its customers to ensure integrated

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capabilities can fulfill warfighter mission requirements and continuously revise these Enterprise Architectures to meets the needs of the department. Some of the ongoing EA activities and projects include the follow areas:

- Develop EA development framework, EA taxonomy and associated templates to support agency-wide DoD Architecture Framework (DoDAF)-based architecture development and model-based systems engineering (MBSE) requirements in a standardized, effective way to meet the program and agency mission needs.
- Help agency develop enterprise level architectures to support the agency’s mission critical and high priority projects. Examples of work include the development of the DISA Zero Trust Reference Design (ZTRD) architecture; DISA enterprise Privileged Access Management (PAM) solution architecture development and AoA analysis; DOD 5G architecture documentation, DISA Robotics Process Automation (RPA) architecture; DISA DISN Out-of-band (OOB) Management Network architecture and AoA, and other emerging requirements from the agency senior leaders.
- Develop capabilities and automated tools to support E2E architecture assessment and analysis in support of data-driven decisions. Examples of activities include developing automated cybersecurity assessments, architecture assessments for future architectures (e.g. SIPR 2.0), and DISA Common Enterprise Service (CES) analysis and recommendations study.

- DoD Information Network Systems Engineering Support:
The DoDIN Systems Engineering and Support project performs research, development, and experimentation of emerging technologies to fill capability shortfalls and technology gaps. Through conducting Technical Exchange Meetings (TEM) with other DoD components, Program Management Offices, and Technical Directors, DISA identifies gaps and shortfalls, pursues innovative solutions, and engages industry for commercial best practices. The DoDIN Systems Engineering and Support project supports technical system engineering reviews for enterprise products and services and resolves gaps related to Machine Learning/Artificial Intelligence (AI), Classified and Unclassified mobile access, Quantum Resistant Cryptography (the cryptography used to authenticate and secure data-in-transit that is susceptible to attacks), Enterprise Architecture development, Cyber Defense, and other technologies.

| B. Program Change Summary (\$ in Millions) | FY 2023 | FY 2024 | FY 2025 Base | FY 2025 OCO | FY 2025 Total |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget | 19.145 | 19.299 | 19.698 | - | 19.698 |
| Current President's Budget | 18.652 | 19.299 | 12.843 | - | 12.843 |
| Total Adjustments | -0.493 | 0.000 | -6.855 | - | -6.855 |
| • Congressional General Reductions | - | - | | | |
| • Congressional Directed Reductions | - | - | | | |
| • Congressional Rescissions | - | - | | | |
| • Congressional Adds | - | - | | | |
| • Congressional Directed Transfers | - | - | | | |
| • Reprogrammings | - | - | | | |
| • SBIR/STTR Transfer | -0.493 | - | | | |
| • Adjustment | 0.000 | - | -6.855 | - | -6.855 |

Change Summary Explanation

The decrease of -\$0.493 in FY 2023 is due to the Small Business Innovation Research (SBIR) / Small Business Technology Transfer (STTR)

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Appropriation/Budget Activity
0400: *Research, Development, Test & Evaluation, Defense-Wide / BA 7: Operational Systems Development*

R-1 Program Element (Number/Name)
PE 0302019K / *Defense Info. Infrastructure Engineering and Integration*

The decrease of -\$6.855 in FY 2025 is primarily due to the conversion of 33 RDT&E positions to O&M positions. The converted positions include computer scientists, interdisciplinary and electrical engineers, and IT specialists, whose primary focus is on architectures, technical standards, and concept and requirements evaluation support for the Emerging Technology. Additionally, savings realized in the commercial solution for Quantum Resistant Cryptography Crypto Discovery in the Emerging and Commercial Technologies program contributed to the decrease.

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| Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency | | | | | | | | | | Date: March 2024 | | |
| Appropriation/Budget Activity 0400 / 7 | | | | | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> | | | | Project (Number/Name) E65 / <i>Modeling and Simulation and Enterprise Architecture</i> | | | |
| COST (\$ in Millions) | Prior Years | FY 2023 | FY 2024 | FY 2025 Base | FY 2025 OCO | FY 2025 Total | FY 2026 | FY 2027 | FY 2028 | FY 2029 | Cost To Complete | Total Cost |
| E65: <i>Modeling and Simulation and Enterprise Architecture</i> | 123.894 | 3.812 | 4.190 | 4.298 | - | 4.298 | 4.402 | 4.495 | 4.584 | 4.676 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

The Modeling and Simulation activity provides architecture, systems engineering, and E2E analytical functions for DISA and its customers, ensuring integrated capabilities fulfill warfighter mission requirements. Modeling and Simulation activities support the DoD communications planning and investment strategy, to include application performance assessments, contingency planning, network capacity planning and diagnostics, and systems-level modeling and simulation.

Efforts provide information awareness for Combatant Commands through application solutions for integrated networks, including DoD’s missions and the Defense Information Systems Network (DISN), by:

1. Supporting the development and implementation of DoDIN EWSE processes essential to evolving the DoDIN, enabling interoperability, and improving E2E performance for critical DoDIN programs.
2. Developing standardized systems analyses and integration processes to improve integration across DISA for all DISA-developed communication systems and services to avoid interoperability issues.
3. Providing underlying modeling, simulation, and analytical support for E2E systems engineering and assessment.

The Architecture effort provides interoperability, performance analysis, and systems engineering support for architecture evolution across DISA. DISA works with its customers to ensure integrated capabilities can fulfill warfighter mission requirements and continuously revise these Enterprise Architectures to meet the needs of the department.

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

| | FY 2023 | FY 2024 | FY 2025 |
|---|----------------|----------------|----------------|
| Title: Modeling and Simulation - Capability Development, Test, and Evaluation | 2.269 | 1.785 | 1.929 |
| Description: This effort is to update modeling and simulation tools to support evaluation of combined Internet Protocol (IP) and optical infrastructure, multiple software defined wide area network interconnectivity, and Next Generation Networking. The Next Generation Networking includes zero-trust architectures and encrypted Gray networks, which provide users access to the classified networks without having the full classified kit based on National Security Agency (NSA) capabilities. | | | |
| FY 2024 Plans: | | | |
| Conduct development and implementation of modeling and simulation suites and optimize for supporting Next Generation architectures and applications. | | | |
| <ul style="list-style-type: none"> • Conduct modeling analyses and recommendations for architecture changes | | | |

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| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> | Project (Number/Name) E65 / <i>Modeling and Simulation and Enterprise Architecture</i> | | |
| B. Accomplishments/Planned Programs (\$ in Millions) | | FY 2023 | FY 2024 | FY 2025 |
| <ul style="list-style-type: none"> • Conduct modeling projections for the utilization of new classified desktop and mobility services to be migrated to cloud environments • Conduct modeling projections for integration impacts of zero trust technologies within the existing infrastructure • Conduct training and support on the Joint Communications Simulation System <p>FY 2025 Plans: Continue development and implementation of modeling and simulation suites and optimize for supporting Next Generation architectures and applications.</p> <ul style="list-style-type: none"> • Continue modeling analyses and recommendations for architecture changes. • Continue modeling projections for the utilization of new classified desktop and mobility services to be migrated to cloud environments. • Continue modeling projections for integration impacts of zero trust technologies within the existing infrastructure • Conduct training and support on the Joint Communications Simulation System • Conduct Test and evaluation of network performance monitoring and data collection tools for IPV6 capabilities to support modeling of future network architectures. • Support combined IP and optical infrastructure, multiple software defined wide area network interconnectivity, Next Generation Networking including encrypted Gray networks, and zero trust architectures. <p>FY 2024 to FY 2025 Increase/Decrease Statement: The increase of +\$0.144 from FY 2024 to FY 2025 supports augmented modeling and simulation effort for the combined IP and optical infrastructure, multiple software defined wide area network interconnectivity, Next Generation Networking including encrypted Gray networks, and zero trust architectures.</p> | | | | |
| <p>Title: Modeling and Simulation - Model Development for Entire Network Path</p> <p>Description: Develop scenario-based models to support new systems and applications.</p> <p>FY 2024 Plans: Key activities in FY 2024 include:</p> <ul style="list-style-type: none"> • Developing capabilities for analysis of software defined networking (SDN), which is an approach to networking that uses software-based controllers to communicate with underlying hardware infrastructure to direct network traffic. • Performing test and evaluation of DISN Internet Access Point security solutions, which provide wireless area networks to extend coverage and increase the number of users that can connect. • Researching technologies and solutions that can be transitioned to operations and demonstrate feasibility through solutions analysis and proof-of-concept development and testing. • Developing application performance monitoring to support reliable operation of enterprise services and applications. This | | 0.000 | 0.724 | 0.651 |

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| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> | Project (Number/Name) E65 / <i>Modeling and Simulation and Enterprise Architecture</i> | | |
| B. Accomplishments/Planned Programs (\$ in Millions) | | FY 2023 | FY 2024 | FY 2025 |
| <p>will include expanding monitoring of enterprise applications to improve modeling results and end user performance.</p> <p>FY 2025 Plans:</p> <ul style="list-style-type: none"> • Developing and applying application and services performance monitoring approaches of end-to-end operations as the Agency expands the use of impact level 5 and level 6 (IL5 and IL6) cloud services offerings. • Leveraging knowledge gained in performance monitoring to improve modeling outcomes to better assess impact potential capability delivery or change on end user performance experience. • Researching capabilities to provide multi-level network modeling and simulation across optical, satellite, network backbone, and multi-cloud services. • Continuing to develop capabilities for modeling, simulation and analysis of software defined networking (SDN), which is an approach to networking that uses software-based controllers to communication with underlying hardware infrastructure to direct network traffic. • Researching technology and solutions to better model, simulate and assess the integration impact of insertion of Zero Trust technologies across the DISN and DISA service offerings. <p>FY 2024 to FY 2025 Increase/Decrease Statement: The decrease of \$-0.073 from FY 2024 to FY 2025 is due to a reduction in the development activities for the scenario based network modeling.</p> | | | | |
| <p>Title: End-to-End (E2E) Architecture</p> <p>Description: The E2E Architecture effort establishes Enterprise Architecture (EA) development standards, documents and generates needed IT architecture artifacts to provide E2E interoperability and performance analysis, and systems engineering support for architecture evolution across DISA. DISA works with its customers to ensure integrated capabilities can fulfill warfighter mission requirements and continuously revise these Enterprise Architectures to meets the needs of the department. Some of the ongoing EA activities and projects include the follow areas:</p> <ul style="list-style-type: none"> - Develop EA development framework, EA taxonomy and associated templates to support agency-wide DoDAF-based architecture development and model-based systems engineering (MBSE) requirements in a standardized, effective way to meet the program and agency mission needs. - Help agency develop enterprise level architectures to support the agency’s mission critical and high priority projects. Examples of work include the development of the DISA Zero Trust Reference Design (ZTRD) architecture; DISA enterprise Privileged Access Management (PAM) solution architecture development and AoA analysis; DOD 5G architecture documentation, DISA RPA architecture; DISA DISN Out-of-band (OOB) Management Network architecture and AoA, and other emerging requirements from the agency senior leaders. | | 1.543 | 1.681 | 1.718 |

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| B. Accomplishments/Planned Programs (\$ in Millions) | FY 2023 | FY 2024 | FY 2025 |
|--|----------------|----------------|----------------|
| <p>- Develop capabilities and automated tools to support E2E architecture assessment and analysis in support of data-driven decisions. Examples of activities include developing automated cybersecurity assessments, architecture assessments for future architectures (e.g. SIPR 2.0), and DISA Common Enterprise Service (CES) analysis and recommendations study.</p> <p>FY 2024 Plans: Key activities in FY 2024 include:</p> <ul style="list-style-type: none"> Continuing architecture development for DISA innovation and digital transformation projects such as Zero-Trust Architecture (ZTA). In FY 2024 a detailed design of the ZTA will be developed, building on the initial design completed in FY 2023. Continuing development and maintenance of DODAF-based E2E IT engineering architectures and artifacts for emerging DISA enterprise solution architectures. Specific solution architectures targeted for FY 2024 are the DISA Management Network (DMN) architecture and the DISA Privileged Access (PAM) architecture. <p>FY 2025 Plans: Key activities in FY 2025 include:</p> <ul style="list-style-type: none"> Developing the 5G Reference Architecture that will include topics such as the integration/interface of 5G technologies with Thunderdome/Zero-Trust Providing enterprise architectural support for SIPR Modernization in order to help define and focus investment choices for critical IA requirements. <p>FY 2024 to FY 2025 Increase/Decrease Statement: The increase of +\$0.037 from FY 2024 to FY 2025 is due to inflationary adjustment/price growth.</p> | | | |
| Accomplishments/Planned Programs Subtotals | 3.812 | 4.190 | 4.298 |

| C. Other Program Funding Summary (\$ in Millions) | | | | | | | | | | |
|---|----------------|----------------|---------------------|--------------------|----------------------|----------------|----------------|----------------|----------------|------------------------------------|
| <u>Line Item</u> | <u>FY 2023</u> | <u>FY 2024</u> | <u>FY 2025 Base</u> | <u>FY 2025 OCO</u> | <u>FY 2025 Total</u> | <u>FY 2026</u> | <u>FY 2027</u> | <u>FY 2028</u> | <u>FY 2029</u> | <u>Cost To Complete Total Cost</u> |
| • PE 0302019K: <i>Operation & Maintenance, Defense-Wide</i> | - | - | - | - | - | - | - | - | - | - |

Remarks

D. Acquisition Strategy
Enterprise Wide Systems Engineering (EWSE) uses contractors to assist/supplement the Government lead/team for technical activities. Subject matter experts in both large and small businesses are sought for the engineering support. Firm fixed price contracts with one option year are typically used in open competition. Furthermore, technical work with Federally Funded Research and Development Centers (FFRDCs) such as MITRE and MIT Lincoln Lab are established and coordinated when the Government can leverage their expertise and R&D in the key technology.

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Modeling and Simulation uses a range of contractors for modeling support to the various projects. Contractors range from small to large business, predominantly using open competition methods and Firm Fixed Price (FFP) tasks and utilizing multi-year (base plus option years) contracts where possible. Support includes network modeling tool and processes development to adapt to ever-evolving DoD programs and projects, analyses, capacity planning, and network redesign using the models. Some specific support (e.g., integration with proprietary software) will require contracting with OPNET (e.g., sole source). Federally Funded Research and Development Centers (FFRDCs) are also considered depending upon the task.

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| Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Defense Information Systems Agency | | | | | | | | | | | | Date: March 2024 | | | |
|--|------------------------|-------------------------------------|-------------|--|------------|---------|------------|---|------------|-------------|------------|------------------|------------------|------------|--------------------------|
| Appropriation/Budget Activity | | | | R-1 Program Element (Number/Name) | | | | Project (Number/Name) | | | | | | | |
| 0400 / 7 | | | | PE 0302019K / Defense Info. Infrastructure Engineering and Integration | | | | E65 / Modeling and Simulation and Enterprise Architecture | | | | | | | |
| Product Development (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 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 Development 1 | SS/FFP | OPNET Tech, Inc : Bethesda, MD | 11.949 | 0.276 | Feb 2023 | 0.276 | Jun 2024 | 0.276 | Jun 2025 | - | | 0.276 | Continuing | Continuing | Continuing |
| Product Development 2 | C/CPFF | APPTIS : Chantilly, VA | 5.246 | 0.187 | Feb 2023 | - | | - | | - | | - | Continuing | Continuing | Continuing |
| Product Development 3 | SS/FFP | Falls Church, VA : Falls Church, VA | 1.312 | - | | - | | - | | - | | - | 0.000 | 1.312 | - |
| Product Development 4 | C/FFP | Booz Allen, Hamilton : McLean, VA | 6.797 | 0.250 | Feb 2023 | 0.698 | Jun 2024 | 0.698 | Jun 2025 | - | | 0.698 | Continuing | Continuing | Continuing |
| Product Development 5 | C/FFP | NRL : Washington, DC | 0.100 | - | | - | | - | | - | | - | 0.000 | 0.100 | - |
| Product Development 6 | C/CPFF | Soliel, LLC : Reston, VA | 3.862 | - | | - | | - | | - | | - | 0.000 | 3.862 | - |
| Product Development 7 | C/FFP | COMPTEL : Arlington, VA | 2.805 | - | | - | | - | | - | | - | 0.000 | 2.805 | - |
| Product Development 8 | C/CPFF | COMPTEL : Arlington, VA | 0.926 | - | | - | | - | | - | | - | 0.000 | 0.926 | - |
| Product Development 9 | C/CPFF | MIT Lincoln Labs : Cambridge, MA | 13.299 | - | | - | | - | | - | | - | 0.000 | 13.299 | - |
| Product Development 10 | MIPR | Various : Various | 11.144 | - | | - | | - | | - | | - | 0.000 | 11.144 | - |
| Enterprise Wide Systems Engineering 11 | C/FFP | Northrop Grumman : Fairfax, VA | 1.784 | - | | - | | - | | - | | - | 0.000 | 1.784 | - |
| Clear Sky Pilot | C/CPFF | AFRL Terremark : Various | 24.083 | - | | - | | - | | - | | - | 0.000 | 24.083 | - |
| Narus | C/CPFF | AFRL : Rome, NY | 1.450 | - | | - | | - | | - | | - | 0.000 | 1.450 | - |
| Cyber Accelerator | C/CPFF | DTIC : Alexandria, VA | 7.516 | - | | - | | - | | - | | - | 0.000 | 7.516 | - |
| Commercial Integration Demonstration | C/CPFF | DTIC : Alexandria, VA | 2.750 | - | | - | | - | | - | | - | 0.000 | 2.750 | - |
| Web Content Filtering: Perimeter Defense Integration | C/FFP | Oberon Associates : Ft. Meade, MD | 1.854 | - | | - | | - | | - | | - | 0.000 | 1.854 | - |

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Defense Information Systems Agency **Date:** March 2024

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|--|--|---|

| Product Development (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 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 | | | |
| Host Based Security Ops Assessment | C/FFP | Summit Technologies, Inc : Ft Meade, MD | 0.700 | - | | - | | - | | - | | - | 0.000 | 0.700 | - |
| Secure Configuration Management Ops Assessment | C/FFP | Cyber Security research and Solutions Corp : Ft Meade | 0.964 | - | | - | | - | | - | | - | 0.000 | 0.964 | - |
| Product Development 11 | C/CPFF | Johns Hopkins University Applied Physics : Laurel, MD | 0.861 | - | | - | | - | | - | | - | 0.000 | 0.861 | - |
| Engineering Technical Services | MIPR | Axom Technologies : Fort Meade | 1.150 | - | | - | | - | | - | | - | 0.000 | 1.150 | - |
| Requirements Analysis/ Program Management: Civilian Pay | MIPR | Various : Various | 2.057 | - | | - | | - | | - | | - | Continuing | Continuing | Continuing |
| Cloud Hosted Shared Services | C/FFP | Nisga's Data Systems LLC : Herndon, VA | 1.350 | - | | - | | - | | - | | - | 0.000 | 1.350 | - |
| Cloud/ Gateway Pilot | C/FFP | Alvarez and Associates : Tysons Corner, VA | 0.304 | - | | - | | - | | - | | - | 0.000 | 0.304 | - |
| Cloud/ Gateway Pilot | C/FFP | BY Light Professional IT Services : : Arlington, VA | 0.413 | - | | - | | - | | - | | - | 0.000 | 0.413 | - |
| DoDCAR | C/FFP | TBD : TBD | - | - | | - | | - | | - | | - | Continuing | Continuing | - |
| JINTACCs SW | C/FFP | Riverside : Riverside | - | - | | 0.197 | Jul 2024 | 0.203 | Jul 2025 | - | | 0.203 | Continuing | Continuing | - |
| Eng Tech and Arch Support | C/FFP | Soliell LLC : Reston, Va | - | - | | 1.484 | Jul 2024 | 1.513 | Jul 2025 | - | | 1.513 | Continuing | Continuing | - |
| Subtotal | | | 104.676 | 0.713 | | 2.655 | | 2.690 | | - | | 2.690 | Continuing | Continuing | N/A |

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Defense Information Systems Agency **Date:** March 2024

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|--|--|---|

| Support (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 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 | | | |
| IP Network Modeling | SS/FFP | Riverbed : Bethesda, MD | 7.135 | 1.747 | Sep 2023 | 0.943 | Jul 2024 | 1.002 | Jul 2025 | - | | 1.002 | Continuing | Continuing | - |
| JCSS/JRSS Modeling | C/FFP | Booz Allen, Hamilton : McLean, VA | 5.982 | 1.210 | May 2023 | 0.389 | May 2024 | 0.398 | May 2025 | - | | 0.398 | Continuing | Continuing | - |
| JRSS Modeling | C/FFP | IPKEYS : Annapolis Junction, MD | 0.373 | - | | - | | - | | - | | - | 0.000 | 0.373 | - |
| E2E Performance | C/FFP | Booze Allen : Hamilton | 1.808 | - | | 0.124 | Jul 2024 | 0.126 | Jul 2025 | - | | 0.126 | Continuing | Continuing | - |
| E2E Performance | C/FFP | Various : Various | 1.848 | 0.142 | Nov 2022 | 0.079 | Nov 2023 | 0.082 | Nov 2024 | - | | 0.082 | Continuing | Continuing | - |
| Subtotal | | | 17.146 | 3.099 | | 1.535 | | 1.608 | | - | | 1.608 | Continuing | Continuing | N/A |

| Test and Evaluation (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 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 | | | |
| Test and Evaluation | SS/CPFF | Comptel : Arlington, VA | 2.072 | - | | - | | - | | - | | - | 0.000 | 2.072 | - |
| Subtotal | | | 2.072 | - | | - | | - | | - | | - | 0.000 | 2.072 | N/A |

| | | | Prior Years | FY 2023 | FY 2024 | FY 2025 Base | FY 2025 OCO | FY 2025 Total | Cost To Complete | Total Cost | Target Value of Contract |
|----------------------------|--|--|-------------|---------|---------|--------------|-------------|---------------|------------------|------------|--------------------------|
| Project Cost Totals | | | 123.894 | 3.812 | 4.190 | 4.298 | - | 4.298 | Continuing | Continuing | N/A |

Remarks

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| Exhibit R-4, RDT&E Schedule Profile: PB 2025 Defense Information Systems Agency | | | Date: March 2024 |
| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> | Project (Number/Name) E65 / <i>Modeling and Simulation and Enterprise Architecture</i> | |

| FY 2016 | | | | FY 2017 | | | | FY 2018 | | | | FY 2019 | | | | FY 2020 | | | | FY 2021 | | | | FY 2022 | | | |
|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|
| 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 |

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| Modeling and Simulation Applications | |
| Modeling and Simulation Applications | |
| End to End Architecture | |
| End to End Architecture | |

| FY 2023 | | | | FY 2024 | | | | FY 2025 | | | | FY 2026 | | | | FY 2027 | | | | FY 2028 | | | | FY 2029 | | | |
|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|
| 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 |

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| Modeling and Simulation Applications | |
| Modeling and Simulation Applications | |
| End to End Architecture | |
| End to End Architecture | |

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| Exhibit R-4A, RDT&E Schedule Details: PB 2025 Defense Information Systems Agency | | Date: March 2024 |
| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> | Project (Number/Name) E65 / <i>Modeling and Simulation and Enterprise Architecture</i> |

Schedule Details

| Events by Sub Project | Start | | End | |
|--|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| <i>Modeling and Simulation Applications</i> | | | | |
| Modeling and Simulation Applications | 1 | 2017 | 4 | 2029 |
| <i>End to End Architecture</i> | | | | |
| End to End Architecture | 1 | 2017 | 4 | 2029 |

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|--|--------------------|----------------|----------------|---------------------|--|----------------------|----------------|----------------|---|-------------------------|-------------------------|-------------------|
| Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency | | | | | | | | | | Date: March 2024 | | |
| Appropriation/Budget Activity 0400 / 7 | | | | | R-1 Program Element (Number/Name) PE 0302019K / Defense Info. Infrastructure Engineering and Integration | | | | Project (Number/Name) T62 / DoD Information Network (DODIN) Systems Engineering and Support | | | |
| COST (\$ in Millions) | Prior Years | FY 2023 | FY 2024 | FY 2025 Base | FY 2025 OCO | FY 2025 Total | FY 2026 | FY 2027 | FY 2028 | FY 2029 | Cost To Complete | Total Cost |
| T62: DoD Information Network (DODIN) Systems Engineering and Support | 100.840 | 14.840 | 15.109 | 8.545 | - | 8.545 | 12.284 | 9.194 | 9.324 | 9.510 | Continuing | Continuing |
| Quantity of RDT&E Articles | - | - | - | - | - | - | - | - | - | - | | |

A. Mission Description and Budget Item Justification

The DoD Information Network (DODIN) Systems Engineering and Support project identifies key technology areas that are essential to DISA including Machine Learning/ Artificial Intelligence (AI), Mobility, Assured Identity, Rapid Transition, Cyber Defense, among other technologies. It ensures DISA’s technical strategies align with the DoD IT Efficiency Strategy and the latest Department of Defense Chief Information Office (DoD CIO) Capabilities Planning Guidance (CPG). These strategies establish the foundation for DISA’s technology investments and technical development. DISA leverages emerging technology to drive efficiencies and cost savings to the DoD, the Warfighter, and other Federal Agencies. DISA also provides decision-oriented information to the Secretary of Defense, Joint Staff, Military Services, Combatant Commands, and other mission partners.

Key support areas include:

Cyber Security and Cloud Computing: Cyber security and cloud computing present critical near-term challenges, especially the ability to securely leverage commercial cloud service offerings. DISA’s partnership with Defense Advanced Research Projects Agency (DARPA) will assess and transition relevant and mature solutions. Solutions included are applications that detect and mitigate cyberattacks, routing capabilities, embedded system defense capabilities, and resilient network capabilities. A major ongoing effort is Quantum Resistant Cryptography (QRC), which uses encryption algorithms to authenticate and secure data-in-transit and at rest that are susceptible to attacks from a computer. QRC is necessary to improve encryption on existing DoD systems, services and applications. DISA is working to measure the impacts of the National Institute of Standards and Technology (NIST) selected QRC algorithms on widely used applications and protocols.

Technology Assessments: Through partnerships with industry, academia, and the Federal sectors, DISA produces requisite cyber measures and ensures optimal use of commercial cloud services. DISA will conduct technology assessments, process improvements, and analysis of potential technology to ensure consistency with DoDIN architecture and standards. Enabled by the Technology Assessment Framework (TAF) and the DISA Technology Information Repository (DTIR), DISA can perform “quick looks” and deeper evaluations of specific technologies to include:

- Advanced cloud management capabilities
- Physical containers (a stand-alone, executable unit of software) to enable mobile data
- Emerging open-source and/or global standards for storage services
- Analytic platform performance baselines of emerging commercial analytic platform products
- Advanced approaches to Continuity of Operations (COOP) in a hybrid cloud environment
- Next generation software defined networks for automating and virtualizing the DoDIN

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| Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency | | Date: March 2024 | | |
| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> | Project (Number/Name) T62 / <i>DoD Information Network (DODIN) Systems Engineering and Support</i> | | |
| B. Accomplishments/Planned Programs (\$ in Millions) | | FY 2023 | FY 2024 | FY 2025 |
| <p>Title: Department of Defense Information Network (DODIN) Systems Engineering and Support</p> <p>Description: The DoDIN System Engineering and Support project conducts critical research, test, and evaluation of operationally enabling IT capabilities. DISA identifies and evaluates leading government and industry technologies, products, and methodologies to address mission critical requirements across DISA and the DoD. Additionally, DISA conducts technology assessments and integrations to provide scalable and cost-effective solutions to meet the unique operational and security requirements of the department.</p> <p>Aligned to the DISA Strategic Plan Line of Effort #2: Drive Force Readiness through Innovation, DoDIN System Engineering and Support facilitates collaboration among industry and government partners through technical exchange sessions, proof of concepts, operational pilot initiatives, and limited production deployments to validate the potential operational and financial benefits of solutions and capabilities. Additionally, the DoDIN Systems Engineering and Support project includes the Chief Technology Officer’s Outlook and a Technology Watchlist. This Watchlist identifies key technology areas that are essential to DISA including Process/Automation, Cloud, Cyber Security, End-User Devices, and Communication (DoDIN, Mobile/End-User Devices).</p> <p>FY 2024 Plans: Key FY 2024 efforts include:</p> <p>Quantum Resistant Cryptography (QRC):</p> <ul style="list-style-type: none"> o Explore Quantum Random Number generators that generate pre-shared encryption keys. This technology could assist with sharing of symmetric encryption keys used for communication across the network ensuring secure transport and resilience from quantum computer-based attacks. <p>Operationalizing Artificial Intelligence (AI) for Defensive Cyber Ops (DCO):</p> <ul style="list-style-type: none"> o Optimize, scale, and institutionalize AI-based cyber defense capabilities for defending the DoDIN. o Extend capabilities to normalize cyber data and implement capabilities for continuously updating AI models with the latest cyber threat data. o Extend the AI models to simultaneously look across cyber data which will allow for the improvement of cyber threat detection and remediation. o Begin training the cyber defense workforce through the development of Concept of Operations (CONOPs), Tactics, Techniques, and Procedures (TTPs), and Standard Operation procedures (SOPs) on how to use AI driven solutions for cyber defense. <p>Next Generation Windows Data at Rest – Secret (NextGen WINDAR-S):</p> | | 14.840 | 15.109 | 8.545 |

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| Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency | | Date: March 2024 | | |
| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> | Project (Number/Name) T62 / <i>DoD Information Network (DODIN) Systems Engineering and Support</i> | | |
| B. Accomplishments/Planned Programs (\$ in Millions) | | FY 2023 | FY 2024 | FY 2025 |
| <p>o Roll out the complete NextGEN WINDAR-S solution into production for a limited operational proof of concept (POC). The success of the POC will inform the strategy for the complete upgrade of all legacy WINDAR-S systems to the new solution platform.</p> <p>o Application Programming Interface</p> <p>FY 2025 Plans: Key FY 2025 efforts include:</p> <p>Quantum Resistant Cryptography (QRC):</p> <p>o Continue prototyping activities to test the performance and operational impacts of QRC encryption on systems, services, and networks. Test the functionality of Quantum Random Number generators that are used to generate pre-shared encryption keys. Quantum Random Number generators create random number pairings using quantum computers and are more secure than traditional methods.</p> <p>o Deploy the crypto discovery solution in a production environment to identify all current versions of encryption. This understanding will inform the migration strategy away from legacy encryption to QRC standards.</p> <p>Operationalizing Artificial Intelligence (AI) for Defensive Cyber Ops (DCO):</p> <p>o Optimize, scale, and institutionalize AI-based cyber defense capabilities for defending the DoDIN.</p> <p>o Extend the AI models to simultaneously look across cyber data which will allow for the improvement of cyber threat detection and remediation.</p> <p>o Finalize the operational deployment of AI prediction and interference models in support of DCO.</p> <p>Next Generation Windows Data at Rest – Secret (NextGen WINDAR-S):</p> <p>o Complete the full deployment of the NextGEN WINDAR-S solution replacing all current legacy WINDAR-S system with the new solution.</p> <p>FY 2024 to FY 2025 Increase/Decrease Statement: The decrease of -\$6.564 from FY 2024 to FY 2025 is primarily due to the conversion of 33 RDT&E positions to O&M positions. The converted positions include computer scientists, interdisciplinary and electrical engineers, and IT specialists, whose primary focus is on architectures, technical standards, and concept and requirements evaluation support for the Emerging Technology.</p> | | | | |
| Accomplishments/Planned Programs Subtotals | | 14.840 | 15.109 | 8.545 |

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| Exhibit R-2A, RDT&E Project Justification: PB 2025 Defense Information Systems Agency | Date: March 2024 |
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| | | |
|--|---|--|
| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> | Project (Number/Name) T62 / <i>DoD Information Network (DODIN) Systems Engineering and Support</i> |
|--|---|--|

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

| <u>Line Item</u> | <u>FY 2023</u> | <u>FY 2024</u> | <u>FY 2025</u> <u>Base</u> | <u>FY 2025</u> <u>OCO</u> | <u>FY 2025</u> <u>Total</u> | <u>FY 2026</u> | <u>FY 2027</u> | <u>FY 2028</u> | <u>FY 2029</u> | <u>Cost To</u> <u>Complete</u> | <u>Total Cost</u> |
|--|----------------|----------------|-------------------------------|------------------------------|--------------------------------|----------------|----------------|----------------|----------------|-----------------------------------|-------------------|
| • O&M, DW/PE 0302019K: <i>Operation & Maintenance, Defense-Wide</i> | 72.095 | 83.689 | 95.990 | - | 95.990 | 85.895 | 76.169 | 77.155 | 78.613 | Continuing | Continuing |

Remarks

D. Acquisition Strategy

Market research during the acquisition process includes a review of DISA contracts, other DoD contract vehicles, and other Federal Government agency contracts which are advertised for Government-wide usage. This market research also includes consideration of small businesses including minority/women owned (8A) businesses, Historically Black Colleges and Universities, mentor/protégé and other specialized contract vehicles and processes. Market research evaluates all contractors available from DISA sources for their ability to deliver the products specifically required for the unique program efforts. The program works collaboratively with vendors to obtain generic cost data for planning and analysis purposes. Past and current contract prices for similar work and other government-wide agency contracts provide additional sources of information. Quotes from multiple sources help provide averages for more realistic cost estimates. DISA makes a concerted effort to award many of its contracts to small businesses. Additionally, many of the DISA contracts are awarded with multiple option periods. These have the benefit of fixing labor costs over an extended period and minimizing the administrative costs associated with re-issuing short-term contracts.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Defense Information Systems Agency **Date:** March 2024

| | | |
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| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0302019K / Defense Info. Infrastructure Engineering and Integration | Project (Number/Name) T62 / DoD Information Network (DODIN) Systems Engineering and Support |
|--|--|---|

| Product Development (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 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 | | | |
| Engineering and Technical Services | FFRDC | MITRE : McLean, VA | 16.120 | - | | - | | - | | - | | - | Continuing | Continuing | Continuing |
| Industry Tech Res | C/FFP | Gartner : Various | 0.249 | - | | - | | - | | - | | - | 0.000 | 0.249 | - |
| GIG Technical Insertion Engineering | C/FFP | SRA, Inc. : Fairfax, VA | 1.211 | - | | - | | - | | - | | - | 0.000 | 1.211 | - |
| Product Development | C/Various | Raytheon : Various | 1.601 | - | | - | | - | | - | | - | 0.000 | 1.601 | - |
| DAMA-C | MIPR | Defense Micro-electronics Activity : Various | 11.794 | - | | - | | - | | - | | - | 0.000 | 11.794 | - |
| Thin Engineering Support | MIPR | MIT Lincoln Labs : Lexington, MA | 4.260 | - | | - | | - | | - | | - | 0.000 | 4.260 | - |
| Engineering and Technical Support | C/FFP | Moya Technologies, Inc. : Various | 1.212 | - | | - | | - | | - | | - | 0.000 | 1.212 | - |
| Engineering Technical Services | MIPR | Various : Chambersburg, PA | 7.366 | - | | - | | - | | - | | - | Continuing | Continuing | Continuing |
| Product Development | C/FFP | Science and Technology Associates, Inc : Arlington, VA | 2.091 | - | | - | | - | | - | | - | 0.000 | 2.091 | - |
| Product Development | MIPR | SPAWAR : Charleston, SC | 1.882 | 1.300 | Mar 2023 | 1.300 | Mar 2024 | 1.300 | Mar 2025 | - | | 1.300 | Continuing | Continuing | Continuing |
| Product Development | MIPR | NSA : Ft. Meade, MD | 0.691 | - | | - | | - | | - | | - | 0.000 | 0.691 | - |
| Engineering Technical Services | C/FFP | TWM : Falls Church, VA | 0.202 | - | | - | | - | | - | | - | 0.000 | 0.202 | - |
| Product Development | C/FFP | SOLERS : Arlington, VA | 3.023 | - | | - | | - | | - | | - | 0.000 | 3.023 | - |
| Product Development | C/FFP | Booz Allen Hamilton : McLean, VA | 1.062 | - | | - | | - | | - | | - | 0.000 | 1.062 | - |
| Product Development | MIPR | JITC : Ft. Meade, MD | 0.351 | - | | - | | - | | - | | - | 0.000 | 0.351 | - |

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| Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Defense Information Systems Agency | | | | | | | | | | | | Date: March 2024 | | | |
|--|------------------------|--|-------------|--|------------|---------|------------|---|------------|-------------|------------|------------------|------------------|------------|--------------------------|
| Appropriation/Budget Activity 0400 / 7 | | | | R-1 Program Element (Number/Name) PE 0302019K / Defense Info. Infrastructure Engineering and Integration | | | | Project (Number/Name) T62 / DoD Information Network (DODIN) Systems Engineering and Support | | | | | | | |
| Product Development (\$ in Millions) | | | | FY 2023 | | FY 2024 | | FY 2025 Base | | FY 2025 OCO | | FY 2025 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 |
| Engineering Technical Services | MIPR | Various : Ft. Meade, MD | 4.481 | - | | - | | - | | - | | - | 0.000 | 4.481 | - |
| Engineering Technical Services | C/Various | IV2: IT Consulting Services, LLC : Jackson, WY | 1.674 | - | | - | | - | | - | | - | 0.000 | 1.674 | - |
| Engineering Technical Services | C/FFP | Information Assurance TWM Follow On : Various | 0.741 | - | | - | | - | | - | | - | 0.000 | 0.741 | - |
| Engineering Technical Services | C/CPFF | TIE NEMS: B&D Consulting : Various | 0.564 | - | | - | | - | | - | | - | 0.000 | 0.564 | - |
| Engineering Technical Services | C/Various | Tapestry Technologies, INC : Various | 3.173 | - | | - | | - | | - | | - | 0.000 | 3.173 | - |
| Management Services - Civilian Pay | Various | Various : Ft. Meade, MD | 6.428 | - | | - | | - | | - | | - | 0.000 | 6.428 | - |
| Engineering Technical Services | C/FFP | PMPC-Itility LLC : Ft. Meade, MD | 0.807 | - | | - | | - | | - | | - | Continuing | Continuing | Continuing |
| Information Assurance | C/CPFF | Tapestry Tech : Chambersburg, PA | 3.050 | 1.245 | Jan 2023 | 1.245 | Jan 2024 | 1.245 | Jan 2025 | - | | 1.245 | Continuing | Continuing | Continuing |
| Sys Engineering | C/CPFF | Various : Ft. Meade, MD | 13.292 | 4.566 | Nov 2022 | 4.926 | Nov 2023 | 4.846 | Nov 2024 | - | | 4.846 | Continuing | Continuing | Continuing |
| Management Services - Civilian Pay | C/CPFF | Various : Ft. Meade | 8.245 | 5.651 | Oct 2022 | 5.560 | Oct 2023 | - | | - | | - | 0.000 | 19.456 | - |
| Program Management and Knowledge Management | C/FFP | Various : Various | 1.659 | 1.129 | Jan 2023 | 1.129 | Jan 2024 | 1.154 | Jan 2025 | - | | 1.154 | Continuing | Continuing | Continuing |
| (DODIN) Systems Engineering and Support | C/FFP | Various : Various | 1.476 | 0.949 | Mar 2023 | - | | - | | - | | - | Continuing | Continuing | Continuing |
| (DODIN) Systems | C/FFP | Various : Various | - | - | | 0.949 | Mar 2024 | - | | - | | - | 0.000 | 0.949 | - |
| Engineering Technical Services | C/FFP | TBD : TBD | 2.135 | - | | - | | - | | - | | - | Continuing | Continuing | - |
| Subtotal | | | 100.840 | 14.840 | | 15.109 | | 8.545 | | - | | 8.545 | Continuing | Continuing | N/A |

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| Exhibit R-4, RDT&E Schedule Profile: PB 2025 Defense Information Systems Agency | | | Date: March 2024 |
| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> | Project (Number/Name) T62 / <i>DoD Information Network (DODIN) Systems Engineering and Support</i> | |

| FY 2016 | | | | FY 2017 | | | | FY 2018 | | | | FY 2019 | | | | FY 2020 | | | | FY 2021 | | | | FY 2022 | | | |
|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|
| 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 |

| | |
|---|------------|
| Engineering Support | |
| Engineering Support | [REDACTED] |
| Industry/University Technical Research | |
| Industry/University Technical Research | [REDACTED] |
| Technology Assessments | |
| Technology Assessments | [REDACTED] |
| Research and Development for technical solutions | |
| Research and Development for technical solutions | [REDACTED] |

| FY 2023 | | | | FY 2024 | | | | FY 2025 | | | | FY 2026 | | | | FY 2027 | | | | FY 2028 | | | | FY 2029 | | | |
|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|---------|---|---|---|
| 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 |

| | |
|---|------------|
| Engineering Support | |
| Engineering Support | [REDACTED] |
| Industry/University Technical Research | |
| Industry/University Technical Research | [REDACTED] |
| Technology Assessments | |
| Technology Assessments | [REDACTED] |
| Research and Development for technical solutions | |
| Research and Development for technical solutions | [REDACTED] |

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| Exhibit R-4A, RDT&E Schedule Details: PB 2025 Defense Information Systems Agency | | Date: March 2024 |
| Appropriation/Budget Activity 0400 / 7 | R-1 Program Element (Number/Name) PE 0302019K / <i>Defense Info. Infrastructure Engineering and Integration</i> | Project (Number/Name) T62 / <i>DoD Information Network (DODIN) Systems Engineering and Support</i> |

Schedule Details

| Events by Sub Project | Start | | End | |
|--|---------|------|---------|------|
| | Quarter | Year | Quarter | Year |
| <i>Engineering Support</i> | | | | |
| Engineering Support | 1 | 2017 | 4 | 2029 |
| <i>Industry/University Technical Research</i> | | | | |
| Industry/University Technical Research | 1 | 2017 | 4 | 2029 |
| <i>Technology Assessments</i> | | | | |
| Technology Assessments | 1 | 2017 | 4 | 2029 |
| <i>Research and Development for technical solutions</i> | | | | |
| Research and Development for technical solutions | 4 | 2019 | 3 | 2029 |