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

|  |  |
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| <b>Appropriation/Budget Activity</b><br>3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i> | <b>R-1 Program Element (Number/Name)</b><br>PE 0207452F / DCAPES |
|--|--|

| 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        | 91.470      | 4.147   | 8.049   | 8.233        | 0.000       | 8.233         | 8.416   | 8.628   | 8.805   | 9.124   | 39.400           | 186.272    |
| 674801: <i>DCAPES INC 2B</i> | 91.470      | 4.147   | 8.049   | 8.233        | 0.000       | 8.233         | 8.416   | 8.628   | 8.805   | 9.124   | 39.400           | 186.272    |

**Program MDAP/MAIS Code:** 500

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

Deliberate and Crisis Action Planning and Execution Segments (DCAPES) is the Department of the Air Force (DAF) system used to project air expeditionary forces (includes weapon systems, logistics, and personnel). It enables the DAF to posture mission ready and equipped forces (organized in effects-based operational capability packages) to deliver air, space and cyberspace capabilities to Joint commanders worldwide. Technical requirements planned for Increment 2B include enabling the system to support Public Key Infrastructure and elimination of Social Security Account Numbers as the primary key for identifying Air Force military and civilian members by replacing it with the Electronic Data Interchange Personal Identifier.

DCAPES funding will be executed against capabilities packaged into agile development projects for multiple releases based on the warfighter's priorities.

Funds will be used to perform studies and innovative integration efforts for common technology capabilities such as cloud migration, technology development and mobile application.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY22 \$0M was expended for civilian pay expenses in this program element, and in FY23 \$0M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

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| <b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2024 Air Force | <b>Date:</b> March 2023 |
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| <b>Appropriation/Budget Activity</b><br>3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 7: Operational Systems Development</i> | <b>R-1 Program Element (Number/Name)</b><br>PE 0207452F / DCAPES |
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| <b>B. Program Change Summary (\$ in Millions)</b> | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024 Base</b> | <b>FY 2024 OCO</b> | <b>FY 2024 Total</b> |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| Previous President's Budget                       | 4.305          | 8.049          | 8.214               | 0.000              | 8.214                |
| Current President's Budget                        | 4.147          | 8.049          | 8.233               | 0.000              | 8.233                |
| Total Adjustments                                 | -0.158         | 0.000          | 0.019               | 0.000              | 0.019                |
| • Congressional General Reductions                | 0.000          | 0.000          |                     |                    |                      |
| • Congressional Directed Reductions               | 0.000          | 0.000          |                     |                    |                      |
| • Congressional Rescissions                       | 0.000          | 0.000          |                     |                    |                      |
| • Congressional Adds                              | 0.000          | 0.000          |                     |                    |                      |
| • Congressional Directed Transfers                | 0.000          | 0.000          |                     |                    |                      |
| • Reprogrammings                                  | 0.000          | 0.000          |                     |                    |                      |
| • SBIR/STTR Transfer                              | -0.158         | 0.000          |                     |                    |                      |
| • Other Adjustments                               | 0.000          | 0.000          | 0.019               | 0.000              | 0.019                |

**Change Summary Explanation**

FY22 to FY23 increased due to DCAPES Inc 2B program restructure.

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|   |                    |                |                |                     |  |                      |                |                |  |                         |                         |                   |
|---|--------------------|----------------|----------------|---------------------|--|----------------------|----------------|----------------|--|-------------------------|-------------------------|-------------------|
| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Air Force |                    |                |                |                     |  |                      |                |                |  | <b>Date:</b> March 2023 |                         |                   |
| <b>Appropriation/Budget Activity</b><br>3600 / 7                        |                    |                |                |                     | <b>R-1 Program Element (Number/Name)</b><br>PE 0207452F / DCAPES |                      |                |                | <b>Project (Number/Name)</b><br>674801 / DCAPES INC 2B |                         |                         |                   |
| <b>COST (\$ in Millions)</b>  | <b>Prior Years</b> | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024 Base</b> | <b>FY 2024 OCO</b>   | <b>FY 2024 Total</b> | <b>FY 2025</b> | <b>FY 2026</b> | <b>FY 2027</b>   | <b>FY 2028</b>          | <b>Cost To Complete</b> | <b>Total Cost</b> |
| 674801: DCAPES INC 2B   | 91.470             | 4.147          | 8.049          | 8.233               | 0.000  | 8.233                | 8.416          | 8.628          | 8.805  | 9.124                   | 39.400                  | 186.272           |
| Quantity of RDT&E Articles  | -                  | -              | -              | -                   | -  | -                    | -              | -              | -  | -                       |                         |                   |

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

Deliberate and Crisis Action Planning and Execution Segments (DCAPES) is the Department of the Air Force (DAF) system used to project air expeditionary forces (includes weapon systems, logistics, and personnel). It enables the DAF to posture mission ready and equipped forces (organized in effects-based operational capability packages) to deliver air, space and cyberspace capabilities to Joint commanders worldwide. DCAPES stores planning and execution information for DAF functional users in the four (4) main DAF disciplines: 1) operations, 2) logistics, 3) manpower, and 4) personnel. These disciplines support joint, combined, and DAF military operations worldwide. Technical requirements planned for Increment 2B include enabling the system to support Public Key Infrastructure and elimination of Social Security Account Numbers as the primary key for identifying Air Force military and civilian members by replacing it with the Electronic Data Interchange Personal Identifier.

Funds will be used to perform studies and innovative integration efforts for common technology capabilities such as cloud migration, technology development and mobile application.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY22 0M was expended for civilian pay expenses in this program element, and in FY23 0M is forecasted for civilian pay expenses in this program element.

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

|  | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024 Base</b> | <b>FY 2024 OCO</b> | <b>FY 2024 Total</b> |
|--|----------------|----------------|---------------------|--------------------|----------------------|
| <b>Title:</b> DCAPES INCREMENT 2B  | 4.147          | 8.049          | 8.233               | 0.000              | 8.233                |
| <b>Description:</b> DCAPES Increment 2B includes Infrastructure Support, Business Intelligence, and the development of multiple Warfighter Capabilities (see remarks section below for capability titles). In August 2020, the Air Force restructured DCAPES Inc 2B Acquisition Program Baseline adding two and a half capability packages (second half of 6 plus 7 and 8), that had previously been deferred. Capability packages 5 and 7 were later eliminated by the customer (AF/A3OD) post restructure. |                |                |                     |                    |                      |
| <b>FY 2023 Plans:</b>  |                |                |                     |                    |                      |
| - Continue the development of Force Availability Analysis (FAA) Capability 6   |                |                |                     |                    |                      |
| - Continue the development of Work Flow Management Capability 8  |                |                |                     |                    |                      |

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| <b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2024 Air Force |  | <b>Date:</b> March 2023                                |
| <b>Appropriation/Budget Activity</b><br>3600 / 7                        | <b>R-1 Program Element (Number/Name)</b><br>PE 0207452F / DCAPEs | <b>Project (Number/Name)</b><br>674801 / DCAPEs INC 2B |

| <b>B. Accomplishments/Planned Programs (\$ in Millions)</b>                       | <b>FY 2022</b> | <b>FY 2023</b> | <b>FY 2024 Base</b> | <b>FY 2024 OCO</b> | <b>FY 2024 Total</b> |
|---|----------------|----------------|---------------------|--------------------|----------------------|
| - Continue JPES integration   |                |                |                     |                    |                      |
| <b>FY 2024 Base Plans:</b>  |                |                |                     |                    |                      |
| - Will continue the development of Force Availability Analysis (FAA) Capability 6 |                |                |                     |                    |                      |
| - Will continue the development of Work Flow Management Capability 8              |                |                |                     |                    |                      |
| - Will continue JPES integration  |                |                |                     |                    |                      |
| - Will begin Continuous Development Planning                                      |                |                |                     |                    |                      |
| <b>FY 2024 OCO Plans:</b>   |                |                |                     |                    |                      |
| N/A   |                |                |                     |                    |                      |
| <b>FY 2023 to FY 2024 Increase/Decrease Statement:</b>                            |                |                |                     |                    |                      |
| FY23 to FY24 increase due to inflation adjustment.                                |                |                |                     |                    |                      |
| <b>Accomplishments/Planned Programs Subtotals</b>                                 | 4.147          | 8.049          | 8.233               | 0.000              | 8.233                |

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

N/A

**Remarks**

DCAPES Increment 2B Warfighter Capability Packages:

Capability 1 - Electronic Data Interface Personnel Identifier (EDIPI) (Delivered)

Capability 2 - Global Force Management Interoperability (GFM-DI) (Delivered)

Capability 3 - Enhanced Contingency-Rotational Air Expeditionary Force Scheduling Tool Interface (ECAST) (Delivered)

Capability 4 - Manpower & Equipment Force Packaging (MEFPAK) (Delivered)

Capability 5 - Logistics Factor File (LFF) (Removed by AF/A3OD)

Capability 6 - Force Availability Analysis (FAA)

Capability 7 - Air Reserve Component (ARC) Forces (Removed by AF/A3OD, requirement moved to TIMES Program)

Capability 8 - Work Flow Management

JPES - Joint Planning Execution Services

**D. Acquisition Strategy**

The DCAPES program successfully awarded the DCAPES Increment 2B Development Task Order for a one-year Base Period and three one-year Option Periods using the NETCENTS 2 Application Services Small Business Indefinite Delivery Indefinite Quantity (IDIQ) contract. The period of performance started on 6 April 2020 and ends on 5 April 2024.

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

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|--|---|---|
| <b>Appropriation/Budget Activity</b><br>3600 / 7 | <b>R-1 Program Element (Number/Name)</b><br>PE 0207452F / <i>DCAPES</i> | <b>Project (Number/Name)</b><br>674801 / <i>DCAPES INC 2B</i> |
|--|---|---|

DCAPES is an Evolutionary Acquisition Program using an incremental development approach (DoDI 5000.02 Model 3) to develop capabilities over several increments. To support the rapid development and delivery of capabilities, DCAPES employs a hybrid Agile acquisition strategy in which capabilities are incrementally delivered in time-phased stages based on warfighter priorities and adoption of key architecture and technology requirements as a trade-off for accelerated delivery and risk reduction.

The DCAPES Program Management Office (PMO) uses a mix of agreements (Service Level Agreements and Memorandums) with DCAPES interface partners. A Service Level Agreement is in place with the Capabilities Integration Environment (AFLCMC/HNIZ) to provide the infrastructure used to conduct software development and testing. Memorandums of Agreement with Joint Interoperability Test Command, Air Force Operational Test and Evaluation Command, and the 45th Test Squadron are in place and outline the test support required before fielding the final capability packages.

The DCAPES Increment 2B requirements have been packaged into multiple discreet capabilities which will be developed in multiple releases. Each capability will be developed using several Sprints and with one or more fieldings to satisfy the approved requirements within each package.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Air Force** **Date:** March 2023

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| <b>Appropriation/Budget Activity</b><br>3600 / 7 | <b>R-1 Program Element (Number/Name)</b><br>PE 0207452F / DCAPES | <b>Project (Number/Name)</b><br>674801 / DCAPES INC 2B |
|--|--|--|

| <b>Product Development (\$ in Millions)</b>   |                                   |   |                    | <b>FY 2022</b> |                   | <b>FY 2023</b> |                   | <b>FY 2024 Base</b> |                   | <b>FY 2024 OCO</b> |                   | <b>FY 2024 Total</b> | <b>Cost To Complete</b> | <b>Total Cost</b> | <b>Target Value of Contract</b> |
|---|-----------------------------------|---|--------------------|----------------|-------------------|----------------|-------------------|---------------------|-------------------|--------------------|-------------------|----------------------|-------------------------|-------------------|---------------------------------|
| <b>Cost Category Item</b>                     | <b>Contract Method &amp; Type</b> | <b>Performing Activity &amp; Location</b> | <b>Prior Years</b> | <b>Cost</b>    | <b>Award Date</b> | <b>Cost</b>    | <b>Award Date</b> | <b>Cost</b>         | <b>Award Date</b> | <b>Cost</b>        | <b>Award Date</b> | <b>Cost</b>          |                         |                   |                                 |
| DCAPES Increment 2B/ Prime Contract           | C/FFP                             | CGI Federal Inc : Fairfax, VA             | 38.981             | 3.017          | Apr 2022          | 3.914          | Apr 2023          | 3.604               | Apr 2024          | -                  |                   | 3.604                | 16.406                  | 65.922            | 43.136                          |
| DCAPES Infrastructure/ Integration            | C/FFP                             | DATUM Software Inc. : John Creek, GA      | 4.829              | 0.025          | Feb 2022          | 0.964          | Feb 2023          | 0.343               | Feb 2024          | -                  |                   | 0.343                | 2.131                   | 8.292             | 5.152                           |
| DCAPES Architecture Documentation Development | C/FFP                             | Bowhead LLC : Springfield, VA             | 2.149              | 0.182          | Aug 2022          | 0.077          | Aug 2023          | 0.077               | Aug 2024          | -                  |                   | 0.077                | 0.948                   | 3.433             | 13.756                          |
| DCAPES DISA Hosting                           | MIPR                              | DISA : Pensacola, FL                      | 9.030              | 0.140          | Oct 2021          | 0.973          | Oct 2022          | 0.987               | Oct 2023          | -                  |                   | 0.987                | 3.985                   | 15.115            | 15.166                          |
| DCAPES CLOUD Supt                             | C/CPAF                            | SAIC : Reston, VA                         | 0.000              | 0.170          | Sep 2022          | 0.059          | Sep 2023          | 0.170               | Sep 2024          | -                  |                   | 0.170                | 0.000                   | 0.399             | -                               |
| <b>Subtotal</b>                               |                                   |   | 54.989             | 3.534          |                   | 5.987          |                   | 5.181               |                   | -                  |                   | 5.181                | 23.470                  | 93.161            | N/A                             |

| <b>Support (\$ in Millions)</b>         |                                   |   |                    | <b>FY 2022</b> |                   | <b>FY 2023</b> |                   | <b>FY 2024 Base</b> |                   | <b>FY 2024 OCO</b> |                   | <b>FY 2024 Total</b> | <b>Cost To Complete</b> | <b>Total Cost</b> | <b>Target Value of Contract</b> |
|---|-----------------------------------|---|--------------------|----------------|-------------------|----------------|-------------------|---------------------|-------------------|--------------------|-------------------|----------------------|-------------------------|-------------------|---------------------------------|
| <b>Cost Category Item</b>               | <b>Contract Method &amp; Type</b> | <b>Performing Activity &amp; Location</b> | <b>Prior Years</b> | <b>Cost</b>    | <b>Award Date</b> | <b>Cost</b>    | <b>Award Date</b> | <b>Cost</b>         | <b>Award Date</b> | <b>Cost</b>        | <b>Award Date</b> | <b>Cost</b>          |                         |                   |                                 |
| DCAPES HIB Integration Contract Support | C/FFP                             | MacaLogic, LLC : Dayton, OH               | 5.161              | 0.000          | Apr 2022          | 0.288          | Apr 2023          | 0.779               | Apr 2024          | -                  |                   | 0.779                | 2.278                   | 8.506             | 3.225                           |
| DCAPES Cost Analysis Contract Support   | C/CPFF                            | BTAS, Inc. : Beavercreek, OH              | 2.052              | 0.000          | May 2022          | -              |                   | -                   |                   | -                  |                   | -                    | 0.906                   | 2.958             | 1.908                           |
| DCAPES Engineering Contract Support     | C/CPFF                            | Oasis Systems, LLC : Lexington, MA        | 9.066              | 0.000          | Dec 2021          | 0.430          | Dec 2022          | 0.943               | Dec 2023          | -                  |                   | 0.943                | 4.001                   | 14.440            | 5.392                           |
| DCAPES CIE Tech Support                 | MIPR                              | AFLCMC/HNIZ CIE : MAFB-Gunter Annex, AL   | 3.670              | 0.000          | Mar 2022          | 0.000          | Mar 2023          | -                   |                   | -                  |                   | -                    | 1.620                   | 5.290             | 7.390                           |
| DCAPES Development Environment HW       | C/Various                         | Various : Various                         | 0.000              | 0.000          | Aug 2022          | -              |                   | -                   |                   | -                  |                   | -                    | 0.000                   | 0.000             | 1.720                           |
| DCAPES Licenses (Software/Hardware)     | C/Various                         | Various : Various                         | 1.479              | 0.000          | Feb 2022          | 0.000          | Feb 2023          | -                   |                   | -                  |                   | -                    | 0.653                   | 2.132             | 1.573                           |
| DCAPES Oracle Licenses                  | C/FFP                             | Mythics : Vienna, VA                      | 1.557              | 0.271          | Aug 2022          | 0.271          | Aug 2023          | 0.271               | Aug 2024          | -                  |                   | 0.271                | 0.687                   | 3.057             | 4.560                           |
| DCAPES Government Purchase Card         | Reqn                              | Various : Various                         | 0.122              | 0.030          | Oct 2021          | 0.020          | Oct 2022          | 0.020               | Oct 2023          | -                  |                   | 0.020                | 0.053                   | 0.245             | 0.209                           |

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Air Force** **Date:** March 2023

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| <b>Appropriation/Budget Activity</b><br>3600 / 7 | <b>R-1 Program Element (Number/Name)</b><br>PE 0207452F / DCAPES | <b>Project (Number/Name)</b><br>674801 / DCAPES INC 2B |
|--|--|--|

| <b>Support (\$ in Millions)</b> |                        |                                |             | FY 2022 |            | FY 2023 |            | FY 2024 Base |            | FY 2024 OCO |            | FY 2024 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          |                  |            |                          |
| <b>Subtotal</b>                 |                        |                                | 23.107      | 0.301   |            | 1.009   |            | 2.013        |            | -           |            | 2.013         | 10.198           | 36.628     | N/A                      |

| <b>Test and Evaluation (\$ in Millions)</b>    |                        |                                |             | FY 2022 |            | FY 2023 |            | FY 2024 Base |            | FY 2024 OCO |            | FY 2024 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          |                  |            |                          |
| DCAPES Development Test and Evaluation         | MIPR                   | 45th Test Sqdn : Eglin AFB, FL | 2.538       | 0.098   | Dec 2021   | 0.312   | Dec 2022   | 0.312        | Dec 2023   | -           |            | 0.312         | 0.978            | 4.238      | 3.519                    |
| DCAPES Interoperability Testing and Evaluation | MIPR                   | DISA JITC : Huachuca, AZ       | 0.876       | 0.089   | Oct 2021   | 0.088   | Oct 2022   | 0.169        | Oct 2023   | -           |            | 0.169         | 0.359            | 1.581      | 1.278                    |
| <b>Subtotal</b>                                |                        |                                | 3.414       | 0.187   |            | 0.400   |            | 0.481        |            | -           |            | 0.481         | 1.337            | 5.819      | N/A                      |

| <b>Management Services (\$ in Millions)</b> |                        |                                |             | FY 2022 |            | FY 2023 |            | FY 2024 Base |            | FY 2024 OCO |            | FY 2024 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          |                  |            |                          |
| Program Management Assessments              | Various                | Various : Various              | 9.567       | 0.060   | Oct 2021   | 0.588   | Oct 2022   | 0.493        | Oct 2023   | -           |            | 0.493         | 4.222            | 14.930     | 4.145                    |
| DCAPES Travel                               | Reqn                   | Various : Various              | 0.182       | 0.030   | Oct 2021   | 0.030   | Oct 2022   | 0.030        | Oct 2023   | -           |            | 0.030         | 0.080            | 0.352      | 0.330                    |
| DCAPES Business Integration Support         | Various                | Various : Various              | 0.211       | 0.035   | Oct 2021   | 0.035   | Oct 2022   | 0.035        | Oct 2023   | -           |            | 0.035         | 0.093            | 0.409      | 0.385                    |
| <b>Subtotal</b>                             |                        |                                | 9.960       | 0.125   |            | 0.653   |            | 0.558        |            | -           |            | 0.558         | 4.395            | 15.691     | N/A                      |

|                            | Prior Years | FY 2022 | FY 2023 | FY 2024 Base | FY 2024 OCO | FY 2024 Total | Cost To Complete | Total Cost | Target Value of Contract |
|----------------------------|-------------|---------|---------|--------------|-------------|---------------|------------------|------------|--------------------------|
| <b>Project Cost Totals</b> | 91.470      | 4.147   | 8.049   | 8.233        | -           | 8.233         | 39.400           | 151.299    | N/A                      |

**Remarks**

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**Exhibit R-4, RDT&E Schedule Profile: PB 2024 Air Force** **Date:** March 2023

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| <b>Appropriation/Budget Activity</b><br>3600 / 7 | <b>R-1 Program Element (Number/Name)</b><br>PE 0207452F / DCAPES | <b>Project (Number/Name)</b><br>674801 / DCAPES INC 2B |
|--|--|--|

| 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 |

|  | FY 2022 |  |  |  | FY 2023 |  |  |  | FY 2024 |  |  |  | FY 2025 |  |  |  | FY 2026 |  |  |  | FY 2027 |  |  |  | FY 2028 |  |  |  |
|--|---------|--|--|--|---------|--|--|--|---------|--|--|--|---------|--|--|--|---------|--|--|--|---------|--|--|--|---------|--|--|--|
| <b>DCAPES Increment 2B</b>                                       |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| DCAPES Increment 2B (Restructured)                               |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| - Capability 6 Force Availability Analysis (FAA)                 |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| - Capability 8 Work Flow Management                              |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| - JPES (Joint Planning Execution Services)                       |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| - CloudOne Development Migration                                 |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| DCAPES Continuous Development (Post Inc 2B)                      |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| - Cloud Hosted DCAPES Training Environment                       |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| - Allowance Standards to MEFFPAK and Force Posturing Assessments |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| - Data Sservice Management Console                               |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| - Subscribe to AF Organization Server                            |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| - Operation Plan On Demand and Compare                           |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |
| - Operation Plan and Instrumentation Utilities                   |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |         |  |  |  |

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details: PB 2024 Air Force** **Date:** March 2023

|  |  |  |
|--|--|--|
| <b>Appropriation/Budget Activity</b><br>3600 / 7 | <b>R-1 Program Element (Number/Name)</b><br>PE 0207452F / DCAPES | <b>Project (Number/Name)</b><br>674801 / DCAPES INC 2B |
|--|--|--|

Schedule Details

| Events by Sub Project  | Start   |      | End     |      |
|--|---------|------|---------|------|
|  | Quarter | Year | Quarter | Year |
| <b>DCAPES Increment 2B</b>                                     |         |      |         |      |
| DCAPES Increment 2B (Restructured)                             | 1       | 2022 | 2       | 2025 |
| - Capability 6 Force Availability Analysis (FAA)               | 1       | 2022 | 3       | 2024 |
| - Capability 8 Work Flow Management                            | 1       | 2022 | 3       | 2024 |
| - JPES (Joint Planning Execution Services)                     | 3       | 2022 | 2       | 2025 |
| - CloudOne Development Migration                               | 2       | 2022 | 2       | 2022 |
| DCAPES Continuous Development (Post Inc 2B)                    | 1       | 2025 | 4       | 2028 |
| - Cloud Hosted DCAPES Training Environment                     | 1       | 2025 | 3       | 2025 |
| - Allowance Standards to MEFPK and Force Posturing Assessments | 4       | 2025 | 2       | 2026 |
| - Data Sservice Management Console                             | 2       | 2026 | 1       | 2027 |
| - Subscribe to AF Organization Server                          | 2       | 2027 | 2       | 2027 |
| - Operation Plan On Demand and Compare                         | 3       | 2027 | 4       | 2027 |
| - Operation Plan and Instrumentation Utilities                 | 1       | 2028 | 2       | 2028 |