

Business Case: Capital Asset Summary

Part I: Summary Information and Justification (All Capital Assets)

Section A: Overview & General Information

Date Investment First Submitted: 2020-09-27
Date of Last Change to Activities: 2021-07-27
Investment Auto Submission Date:
Date of Last Investment Detail Update: 2021-04-27
Date of Last Business Case Update: 2021-04-28
Date of Last Revision: 2021-07-27

Agency: 006 - Department of Commerce **Bureau:** 51 - U.S. Patent and Trademark Office

1. Name of this Investment: USPTO Enterprise Business Product Line

2. Unique Investment Identifier (UII): 006-000805700

Section B: Investment Detail

- Provide at least one Agency Strategic objective code ([A-11 Section 230](#)) and/or Agency Priority Goal code ([A-11 Section 250](#)) that this investment aligns to on performance.gov. If this investment aligns to more than one Agency strategic objective code and/or Agency Priority goal code list all that apply. If your agency does not report to performance.gov please use "0". This is required for Agency IT Portfolio Summary Part 1 and Part 2 Investments, not for Part 3 Investments.**

Agency Strategic Objective(s):

006SO18022: Advance Innovation

006SO18026: Strengthen Domestic Commerce and the U.S. Industrial Base

Agency Priority Goal(s):

- Briefly describe the investment's return on investment, including benefits internal and external to the government and outcomes achieved or planned.**
Benefits include: - Stabilize tools and capabilities of legacy systems will allow critical business functions to continue as they are essential for our business process and the reputation of the USPTO - Address internal and external stakeholder experiences, priorities, and expectations related to quality and application complexity - Ensure highest level of quality for all work products - Utilize AI tools and capabilities to assist internal business partners meet business goals.
- If this investment will result in the elimination or the reduction of another major or non-major investment(s), please complete the following:**

| Table I.B.1 Affected Investment Information | |
|---|------------------|
| Investment UII | To Be Status |
| 006-000803500 | to be eliminated |
| 006-000800100 | to be eliminated |

4. Does the Investment currently include an intra- or inter-Agency shared service (common, shared, or centralized solution)?:

YES

5. Does the Investment plan to include an Intra- or Inter-Agency shared service that it does not currently include (common, shared, or centralized solution)?:

NO

6. If systems contained in this Investment collect data from the public, please identify the OMB Control Numbers which authorize that data collection as per the Paperwork Reduction Act. Use [Reginfo](#) at the following link to identify information collection requests and OMB control numbers. Agencies can work with their Records Officers to determine the applicability.

0651-0012|0651-0017|0651-0027|0651-0041|0651-0042|0651-0043|0651-0044|0651-0046|0651-0060|0651-0068|0651-0065|0651-0077|0651-0078|0651-0080|0651-0081|0651-0082|0651-0083

7. Provide the name of the Investment-level project manager:

Kris Hilstrom

8. Select the qualification/experience level of the Investment-level project manager (select one):

1 - FAC-P/PM(DAWIA-3)- Senior

Section C: Life Cycle Costs

1. Provide the total estimated life cycle costs for the investment in millions. Note: Do not enter information in the grey cells as these will be calculated.

| Table I.C.1 Life Cycle Costs | | | | |
|---|--------------------|------------|-------------|-------------|
| | PY-1 & Prior | PY 2021 | CY 2022 | BY 2023 |
| Planning Costs: | 0 | 0 | 0 | 0 |
| DME (Excluding Planning) Costs: | 0 | 0 | \$29.678699 | \$30.334700 |
| DME (Including Planning) Govt. FTEs: | 0 | 0 | \$17.196591 | \$17.196590 |
| Sub-Total DME (including Internal Labor (Govt. FTE)): | 0 | 0 | \$46.875290 | \$47.531290 |
| O & M Costs: | 0 | 0 | \$34.838649 | \$33.594268 |
| O & M Internal Labor (Govt. FTE): | 0 | 0 | \$13.404604 | \$15.698441 |
| Sub-Total O & M Costs (Including Internal Labor (Govt. FTE)): | 0 | 0 | \$48.243253 | \$49.292709 |
| Total Cost (Including Internal Labor (Govt. FTE)): | 0 | 0 | \$95.118543 | \$96.823999 |
| Total Cost Internal Labor (Govt. FTE) costs: | 0 | 0 | \$30.601195 | \$32.895031 |
| # of FTE rep by costs: | | | 159 | 174 |
| Total change from prior year final President's Budget (\$) | | 0 | \$95.118543 | |
| Total change from prior year final President's Budget | | 0.00% | 0.00% | |

Table I.C.1 Life Cycle Costs

| | PY-1 & Prior | PY 2021 | CY 2022 | BY 2023 |
|-----|--------------------|------------|------------|------------|
| (%) | | | | |

2.
 - a. In which year did or will this investment begin? (specify year - e.g., PY-1= 2019)
2021
 - b. In which year will this investment reach the end of its estimated useful life? (specify year - e.g., FY+5 = 2027)
2026
3. Compare the funding levels for PY and CY to the final FY 2022 President's Budget for those same years. Briefly explain any significant changes. When making comparisons, ensure that you compare same-year-to-same-year (e.g., the FY20 level for 2020 versus the FY21 level for 2020):

Business Case Detail: Performance Measurement Report

Section A1: General Information

1. **Name of this Investment:** USPTO ENTERPRISE BUSINESS PRODUCT LINE
2. **Unique Investment Identifier (UII):** 006-000805700

Section C1: Projects Table

Projects Table C.1

| Unique Project ID | Project Name | Project Goal | Project Start Date | Project Completion Date | Project Lifecycle Cost (\$M) | Software Project? |
|-------------------|--|--|--------------------|-------------------------|------------------------------|-------------------|
| 230121 | FY21 Communication and Customer Experience Maintenance and Enhancements | Maintain and deliver enhancements to external communications and customer experience products and services (e.g. uspto.gov and MyUSPTO) | 10/01/2020 | 09/30/2021 | \$4.1 | Yes |
| 230821 | FY21 Data and Analytics Maintenance and Enhancements | Deliver enhancements to collection of components and tools sharing analytic and data themes used in the production of business intelligence and advanced analytical solutions as well as consulting services for designing and developing those solutions. | 10/01/2020 | 09/30/2021 | \$17.6 | Yes |
| 230822 | FY22 Data and Analytics Maintenance and Enhancements | Deliver enhancements to collection of components and tools sharing analytic and data themes used in the production of business intelligence and advanced analytical solutions as well as consulting services for designing and developing those solutions. | 10/01/2021 | 09/30/2022 | \$17.6 | Yes |
| 230422 | FY22 Planning, Budgeting and Governance Maintenance and Enhancements | Maintain and deliver enhancements to enterprise planning, budgeting, compliance (such as CPIC), risk, and IT governance/management products | 10/01/2021 | 09/30/2022 | \$4.1 | Yes |
| 23A122 | FY22 Enterprise Business Product Line Planning and Management Maintenance and Enhancements | Plan and manage the product line to include such things as: product line /owner and program mgt support, acquisition/vendor support, and risk mgt.; as appropriate and defined in the investment charter. | 10/01/2021 | 09/30/2022 | \$1.6 | No |
| | | | | | | |

Projects Table C.1

| Unique Project ID | Project Name | Project Goal | Project Start Date | Project Completion Date | Project Lifecycle Cost (\$M) | Software Project? |
|-------------------|--|--|--------------------|-------------------------|------------------------------|-------------------|
| 230721 | FY21 Legal Tools Maintenance and Enhancements | Maintain and deliver enhancements to products and services in support of legal discovery, docket management, policy, etc. | 10/01/2020 | 09/30/2021 | \$1.6 | Yes |
| 230322 | FY22 Financial Management Maintenance and Enhancements | Maintain and deliver enhancements to core accounting, vendor, and procurement management products | 10/01/2021 | 09/30/2022 | \$3.5 | Yes |
| 230522 | FY22 People Management Maintenance and Enhancements | Maintain and deliver enhancements to all human resource and workforce related products services (e.g. WebTA, e-QIP, RACMS, etc.) | 10/01/2021 | 09/30/2022 | \$4.5 | Yes |
| 230622 | FY22 Property and Facility Management Maintenance and Enhancements | Maintain and deliver enhancements to products and services that support workspace management/use, physical security, enterprise records management, etc. | 10/01/2021 | 09/30/2022 | \$1.2 | Yes |
| 230722 | FY22 Legal Tools Maintenance and Enhancements | Maintain and deliver enhancements to products and services in support of legal discovery, docket management, policy, etc. | 10/01/2021 | 09/30/2022 | \$1.6 | Yes |
| 230521 | FY21 People Management Maintenance and Enhancements | Maintain and deliver enhancements to all human resource and workforce related products services (e.g. WebTA, e-QIP, RACMS, etc.) | 10/01/2020 | 09/30/2021 | \$4.5 | Yes |
| 230621 | FY21 Property and Facility Management Maintenance and Enhancements | Maintain and deliver enhancements to products and services that support workspace management/use, physical security, enterprise records management, etc. | 10/01/2020 | 09/30/2021 | \$1.2 | Yes |
| 230321 | FY21 Financial Management Maintenance and Enhancements | Maintain and deliver enhancements to core accounting, vendor, and procurement management | 10/01/2020 | 09/30/2021 | \$3.5 | Yes |

Projects Table C.1

| Unique Project ID | Project Name | Project Goal | Project Start Date | Project Completion Date | Project Lifecycle Cost (\$M) | Software Project? |
|-------------------|--|--|--------------------|-------------------------|------------------------------|-------------------|
| | | products | | | | |
| 230922 | FY22 Dissemination and Assignments Maintenance and Enhancements | Maintain and deliver enhancements to products and services for Patent and Trademark dissemination and assignments | 10/01/2021 | 09/30/2022 | \$5.7 | Yes |
| 230421 | FY21 Planning, Budgeting and Governance Maintenance and Enhancements | Maintain and deliver enhancements to enterprise planning, budgeting, compliance (such as CPIC), risk, and IT governance/management products | 10/01/2020 | 09/30/2021 | \$4.1 | Yes |
| 230921 | FY21 Dissemination and Assignments Maintenance and Enhancements | Maintain and deliver enhancements to products and services for Patent and Trademark dissemination and assignments | 10/01/2020 | 09/30/2021 | \$5.7 | Yes |
| 230222 | FY22 Fee Management Maintenance and Enhancements | Maintain and deliver enhancements to fee management for external customers (Financial Manager, payment page/services, and fee services consumed by other systems) and internal customers (e.g. Fee Processing Portal for processing fees, refunds) | 10/01/2021 | 09/30/2022 | \$3.8 | Yes |
| 23A121 | FY21 Enterprise Business Product Line Planning and Management Maintenance and Enhancements | Plan and manage the product line to include such things as: product line /owner and program mgt support, acquisition/vendor support, and risk mgt.; as appropriate and defined in the investment charter. | 10/01/2020 | 09/30/2021 | \$1.6 | No |
| 230221 | FY21 Fee Management Maintenance and Enhancements | Maintain and deliver enhancements to fee management for external customers (Financial | 10/01/2020 | 09/30/2021 | \$3.8 | Yes |

Projects Table C.1

| Unique Project ID | Project Name | Project Goal | Project Start Date | Project Completion Date | Project Lifecycle Cost (\$M) | Software Project? |
|-------------------|---|--|--------------------|-------------------------|------------------------------|-------------------|
| | | Manager, payment page/services, and fee services consumed by other systems) and internal customers (e.g. Fee Processing Portal for processing fees, refunds) | | | | |
| 230122 | FY22 Communication and Customer Experience Maintenance and Enhancements | Maintain and deliver enhancements to external communications and customer experience products and services (e.g. uspto.gov and MyUSPTO) | 10/01/2021 | 09/30/2022 | \$4.1 | Yes |

Section C2: Project Activities

1. Provide all non-agile project activities for projects in Table C.1 that started in a previous FY (PY and earlier) and that have not been completed by the beginning of the CY, as well as activities that are scheduled to start in the current FY and BY.

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|-----------------------------|----------------------|--------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| 230121 | Release 1 (12 Week Timebox) | Release 1 | 230121.1 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2020-12-31 | 2020-12-31 | 2020-12-31 | 1.021250 | 1.021250 | 0.717220 |
| 230821 | Release 1 (12 Week Timebox) | Release 1 | 230821.1 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2020-12-31 | 2020-12-31 | 2020-12-31 | 4.397638 | 4.397638 | 2.434870 |
| 230721 | Release 1 (12 Week Timebox) | Release 1 | 230721.1 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2020-12-31 | 2020-12-31 | 2020-12-31 | 0.401500 | 0.401500 | 0.643540 |
| 230521 | Release 1 (12 Week Timebox) | Release 1 | 230521.1 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2020-12-31 | 2020-12-31 | 2020-12-31 | 1.117900 | 1.117900 | 0.063710 |
| 230621 | Release 1 (12 Week Timebox) | Release 1 | 230621.1 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2020-12-31 | 2020-12-31 | 2020-12-31 | 0.293648 | 0.293648 | 0.293648 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|-----------------------------|----------------------|--------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | Week Timebox) | | | | | | | | | | | |
| 230321 | Release 1 (12 Week Timebox) | Release 1 | 230321.1 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2020-12-31 | 2020-12-31 | 2020-12-31 | 0.865498 | 0.865498 | 0.284270 |
| 230421 | Release 1 (12 Week Timebox) | Release 1 | 230421.1 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2020-12-31 | 2020-12-31 | 2020-12-31 | 1.015703 | 1.015703 | 1.091590 |
| 230921 | Release 1 (12 Week Timebox) | Release 1 | 230921.1 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2020-12-31 | 2020-12-31 | 2020-12-31 | 1.423500 | 1.423500 | 1.568520 |
| 23A121 | Release 1 (12 Week Timebox) | Release 1 | 23A121.1 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2020-12-31 | 2020-12-31 | 2020-12-31 | 0.406060 | 0.406060 | 0.406060 |
| 230221 | Release 1 (12 Week Timebox) | Release 1 | 230221.1 | 2020-10-01 | 2020-10-01 | 2020-10-01 | 2020-12-31 | 2020-12-31 | 2020-12-31 | 0.940128 | 0.940128 | 0.765380 |
| 230121 | Release 2 (12 Week Timebox) | Release 2 | 230121.2 | 2021-01-04 | 2021-01-04 | 2021-01-04 | 2021-03-31 | 2021-03-31 | 2021-03-31 | 1.021250 | 1.021250 | 0.440060 |
| 230821 | Release 2 (12 Week Timebox) | Release 2 | 230821.2 | 2021-01-04 | 2021-01-04 | 2021-01-04 | 2021-03-31 | 2021-03-31 | 2021-03-31 | 4.397638 | 4.397638 | 2.993730 |
| 230721 | Release 2 (12 Week Timebox) | Release 2 | 230721.2 | 2021-01-04 | 2021-01-04 | 2021-01-04 | 2021-03-31 | 2021-03-31 | 2021-03-31 | 0.401500 | 0.401500 | 0.569850 |
| 230521 | Release 2 (12 Week Timebox) | Release 2 | 230521.2 | 2021-01-04 | 2021-01-04 | 2021-01-04 | 2021-03-31 | 2021-03-31 | 2021-03-31 | 1.117900 | 1.117900 | 0.017160 |
| 230621 | Release 2 (12 Week Timebox) | Release 2 | 230621.2 | 2021-01-04 | 2021-01-04 | 2021-01-04 | 2021-03-31 | 2021-03-31 | 2021-03-31 | 0.293648 | 0.293648 | 0.293648 |
| 230321 | Release 2 (12 Week Timebox) | Release 2 | 230321.2 | 2021-01-04 | 2021-01-04 | 2021-01-04 | 2021-03-31 | 2021-03-31 | 2021-03-31 | 0.865498 | 0.865498 | 0.486880 |
| 230421 | Release 2 (12 Week Timebox) | Release 2 | 230421.2 | 2021-01-04 | 2021-01-04 | 2021-01-04 | 2021-03-31 | 2021-03-31 | 2021-03-31 | 1.015703 | 1.015703 | 0.329230 |
| | | | | | | | | | | | | |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|-----------------------------|----------------------|--------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| 230921 | Release 2 (12 Week Timebox) | Release 2 | 230921.2 | 2021-01-04 | 2021-01-04 | 2021-01-04 | 2021-03-31 | 2021-03-31 | 2021-03-31 | 1.423500 | 1.423500 | 1.136460 |
| 23A121 | Release 2 (12 Week Timebox) | Release 2 | 23A121.2 | 2021-01-04 | 2021-01-04 | 2021-01-04 | 2021-03-31 | 2021-03-31 | 2021-03-31 | 0.406060 | 0.406060 | 0.406060 |
| 230221 | Release 2 (12 Week Timebox) | Release 2 | 230221.2 | 2021-01-04 | 2021-01-04 | 2021-01-04 | 2021-03-31 | 2021-03-31 | 2021-03-31 | 0.940128 | 0.940128 | 0.300210 |
| 230121 | Release 3 (12 Week Timebox) | Release 3 | 230121.3 | 2021-04-01 | 2021-04-01 | 2021-04-01 | 2021-06-30 | 2021-06-30 | 2021-06-30 | 1.021250 | 1.021250 | 0.466730 |
| 230821 | Release 3 (12 Week Timebox) | Release 3 | 230821.3 | 2021-04-01 | 2021-04-01 | 2021-04-01 | 2021-06-30 | 2021-06-30 | 2021-06-30 | 4.397638 | 4.397638 | 2.069100 |
| 230721 | Release 3 (12 Week Timebox) | Release 3 | 230721.3 | 2021-04-01 | 2021-04-01 | 2021-04-01 | 2021-06-30 | 2021-06-30 | 2021-06-30 | 0.401500 | 0.401500 | 0.597560 |
| 230521 | Release 3 (12 Week Timebox) | Release 3 | 230521.3 | 2021-04-01 | 2021-04-01 | 2021-04-01 | 2021-06-30 | 2021-06-30 | 2021-06-30 | 1.117900 | 1.117900 | 0.028350 |
| 230621 | Release 3 (12 Week Timebox) | Release 3 | 230621.3 | 2021-04-01 | 2021-04-01 | 2021-04-01 | 2021-06-30 | 2021-06-30 | 2021-06-30 | 0.293648 | 0.293648 | 0.000000 |
| 230321 | Release 3 (12 Week Timebox) | Release 3 | 230321.3 | 2021-04-01 | 2021-04-01 | 2021-04-01 | 2021-06-30 | 2021-06-30 | 2021-06-30 | 0.865498 | 0.865498 | 0.514620 |
| 230421 | Release 3 (12 Week Timebox) | Release 3 | 230421.3 | 2021-04-01 | 2021-04-01 | 2021-04-01 | 2021-06-30 | 2021-06-30 | 2021-06-30 | 1.015703 | 1.015703 | 0.152870 |
| 230921 | Release 3 (12 Week Timebox) | Release 3 | 230921.3 | 2021-04-01 | 2021-04-01 | 2021-04-01 | 2021-06-30 | 2021-06-30 | 2021-06-30 | 1.423500 | 1.423500 | 0.842110 |
| 23A121 | Release 3 (12 Week Timebox) | Release 3 | 23A121.3 | 2021-04-01 | 2021-04-01 | 2021-04-01 | 2021-06-30 | 2021-06-30 | 2021-06-30 | 0.406060 | 0.406060 | 0.406060 |
| 230221 | Release 3 (12 Week Timebox) | Release 3 | 230221.3 | 2021-04-01 | 2021-04-01 | 2021-04-01 | 2021-06-30 | 2021-06-30 | 2021-06-30 | 0.940128 | 0.940128 | 0.254570 |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|-----------------------------|----------------------|--------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | Timebox) | | | | | | | | | | | |
| 230121 | Release 4 (12 Week Timebox) | Release 4 | 230121.4 | 2021-07-01 | 2021-07-01 | | 2021-09-30 | 2021-09-30 | | 1.021250 | 1.021250 | |
| 230821 | Release 4 (12 Week Timebox) | Release 4 | 230821.4 | 2021-07-01 | 2021-07-01 | | 2021-09-30 | 2021-09-30 | | 4.397638 | 4.397638 | |
| 230721 | Release 4 (12 Week Timebox) | Release 4 | 230721.4 | 2021-07-01 | 2021-07-01 | | 2021-09-30 | 2021-09-30 | | 0.401500 | 0.401500 | |
| 230521 | Release 4 (12 Week Timebox) | Release 4 | 230521.4 | 2021-07-01 | 2021-07-01 | | 2021-09-30 | 2021-09-30 | | 1.117900 | 1.117900 | |
| 230621 | Release 4 (12 Week Timebox) | Release 4 | 230621.4 | 2021-07-01 | 2021-07-01 | | 2021-09-30 | 2021-09-30 | | 0.293648 | 0.293648 | |
| 230321 | Release 4 (12 Week Timebox) | Release 4 | 230321.4 | 2021-07-01 | 2021-07-01 | | 2021-09-30 | 2021-09-30 | | 0.865498 | 0.865498 | |
| 230421 | Release 4 (12 Week Timebox) | Release 4 | 230421.4 | 2021-07-01 | 2021-07-01 | | 2021-09-30 | 2021-09-30 | | 1.015703 | 1.015703 | |
| 230921 | Release 4 (12 Week Timebox) | Release 4 | 230921.4 | 2021-07-01 | 2021-07-01 | | 2021-09-30 | 2021-09-30 | | 1.423500 | 1.423500 | |
| 23A121 | Release 4 (12 Week Timebox) | Release 4 | 23A121.4 | 2021-07-01 | 2021-07-01 | | 2021-09-30 | 2021-09-30 | | 0.406060 | 0.406060 | |
| 230221 | Release 4 (12 Week Timebox) | Release 4 | 230221.4 | 2021-07-01 | 2021-07-01 | | 2021-09-30 | 2021-09-30 | | 0.940128 | 0.599000 | |
| 230822 | Release 1 (12 week timebox) | Release 1 | 230822.1 | 2021-10-01 | 2021-10-01 | | 2021-12-31 | 2021-12-31 | | 4.397638 | 4.397638 | |
| 230422 | Release 1 (12 Week Timebox) | Release 1 | 230422.1 | 2021-10-01 | 2021-10-01 | | 2021-12-31 | 2021-12-31 | | 1.015703 | 1.015703 | |
| 23A122 | Release 1 (12 Week | Release 1 | 23A122.1 | 2021-10-01 | 2021-10-01 | | 2021-12-31 | 2021-12-31 | | 0.406060 | 0.406060 | |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|-----------------------------|----------------------|--------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | Timebox) | | | | | | | | | | | |
| 230322 | Release 1 (12 Week Timebox) | Release 1 | 230322.1 | 2021-10-01 | 2021-10-01 | | 2021-12-31 | 2021-12-31 | | 0.865498 | 0.865498 | |
| 230522 | Release 1 (12 week timebox) | Release 1 | 230522.1 | 2021-10-01 | 2021-10-01 | | 2021-12-31 | 2021-12-31 | | 1.117900 | 1.117900 | |
| 230622 | Release 1 (12 week timebox) | Release | 230622.1 | 2021-10-01 | 2021-10-01 | | 2021-12-31 | 2021-12-31 | | 0.293648 | 0.293648 | |
| 230722 | Release 1 (12 week timebox) | Release 1 | 230722.1 | 2021-10-01 | 2021-10-01 | | 2021-12-31 | 2021-12-31 | | 0.401500 | 0.401500 | |
| 230922 | Release 1 (12 week timebox) | Release 1 | 230922.1 | 2021-10-01 | 2021-10-01 | | 2021-12-31 | 2021-12-31 | | 1.423500 | 1.423500 | |
| 230222 | Release 1 (12 Week Timebox) | Release 1 | 230222.1 | 2021-10-01 | 2021-10-01 | | 2021-12-31 | 2021-12-31 | | 0.940128 | 0.940128 | |
| 230122 | Release 1 (12 Week Timebox) | Release 1 | 230122.1 | 2021-10-01 | 2021-10-01 | | 2021-12-31 | 2021-12-31 | | 1.021250 | 1.021250 | |
| 230822 | Release 2 (12 week timebox) | Release 2 | 230822.2 | 2022-01-01 | 2022-01-01 | | 2022-03-31 | 2022-03-31 | | 4.397638 | 4.397638 | |
| 230422 | Release 2 (12 Week Timebox) | Release 2 | 230422.2 | 2022-01-03 | 2022-01-03 | | 2022-03-31 | 2022-03-31 | | 1.015703 | 1.015703 | |
| 23A122 | Release 2 (12 Week Timebox) | Release 2 | 23A122.2 | 2022-01-03 | 2022-01-03 | | 2022-03-31 | 2022-03-31 | | 0.406060 | 0.406060 | |
| 230322 | Release 2 (12 Week Timebox) | Release 2 | 230322.2 | 2022-01-03 | 2022-01-03 | | 2022-03-31 | 2022-03-31 | | 0.865498 | 0.865498 | |
| 230522 | Release 2 (12 week timebox) | Release 2 | 230522.2 | 2022-01-01 | 2022-01-01 | | 2022-03-31 | 2022-03-31 | | 1.117900 | 1.117900 | |
| 230622 | Release 2 (12 week timebox) | Release 2 | 230622.2 | 2022-01-01 | 2022-01-01 | | 2022-03-31 | 2022-03-31 | | 0.293648 | 0.293648 | |
| 230722 | Release 2 (12 week timebox) | Release 2 | 230722.2 | 2022-01-01 | 2022-01-01 | | 2022-03-31 | 2022-03-31 | | 0.401500 | 0.401500 | |
| 230922 | Release 2 (12 week timebox) | Release 2 | 230922.2 | 2022-01-01 | 2022-01-01 | | 2022-03-31 | 2022-03-31 | | 1.423500 | 1.423500 | |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|-----------------------------|----------------------|--------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| 230222 | Release 2 (12 Week Timebox) | Release 2 | 230222.2 | 2022-01-03 | 2022-01-03 | | 2022-03-31 | 2022-03-31 | | 0.940128 | 0.940128 | |
| 230122 | Release 2 (12 Week Timebox) | Release 2 | 230122.2 | 2022-01-03 | 2022-01-03 | | 2022-03-31 | 2022-03-31 | | 1.021250 | 1.021250 | |
| 230822 | Release 3 (12 week timebox) | Release 3 | 230822.3 | 2022-04-01 | 2022-04-01 | | 2022-06-30 | 2022-06-30 | | 4.397638 | 4.397638 | |
| 230422 | Release 3 (12 Week Timebox) | Release 3 | 230422.3 | 2022-04-01 | 2022-04-01 | | 2022-06-30 | 2022-06-30 | | 1.015703 | 1.015703 | |
| 23A122 | Release 3 (12 Week Timebox) | Release 3 | 23A122.3 | 2022-04-01 | 2022-04-01 | | 2022-06-30 | 2022-06-30 | | 0.406060 | 0.406060 | |
| 230322 | Release 3 (12 Week Timebox) | Release 3 | 230322.3 | 2022-04-01 | 2022-04-01 | | 2022-06-30 | 2022-06-30 | | 0.865498 | 0.865498 | |
| 230522 | Release 3 (12 week timebox) | Release 3 | 230522.3 | 2022-04-01 | 2022-04-01 | | 2022-06-30 | 2022-06-30 | | 1.117900 | 1.117900 | |
| 230622 | Release 3 (12 week timebox) | Release 3 | 230622.3 | 2022-04-01 | 2022-04-01 | | 2022-06-30 | 2022-06-30 | | 0.293648 | 0.293648 | |
| 230722 | Release 3 (12 week timebox) | Release 3 | 230722.3 | 2022-04-01 | 2022-04-01 | | 2022-06-30 | 2022-06-30 | | 0.401500 | 0.401500 | |
| 230922 | Release 3 (12 week timebox) | Release 3 | 230922.3 | 2022-04-01 | 2022-04-01 | | 2022-06-30 | 2022-06-30 | | 1.423500 | 1.423500 | |
| 230222 | Release 3 (12 Week Timebox) | Release 3 | 230222.3 | 2022-04-01 | 2022-04-01 | | 2022-06-30 | 2022-06-30 | | 0.940128 | 0.940128 | |
| 230122 | Release 3 (12 Week Timebox) | Release 3 | 230122.3 | 2022-04-01 | 2022-04-01 | | 2022-06-30 | 2022-06-30 | | 1.021250 | 1.021250 | |
| 230822 | Release 4 (12 week timebox) | Release 4 | 230822.4 | 2022-07-01 | 2022-07-01 | | 2022-09-30 | 2022-09-30 | | 4.397638 | 4.397638 | |
| 230422 | Release 4 (12 Week Timebox) | Release 4 | 230422.4 | 2022-07-01 | 2022-07-01 | | 2022-09-30 | 2022-09-30 | | 1.015703 | 1.015703 | |
| 23A122 | Release 4 (12 | Release 4 | 23A122.4 | 2022-07-01 | 2022-07-01 | | 2022-09-30 | 2022-09-30 | | 0.406060 | 0.406060 | |

Project Activity Table C.2.1

| Unique Project ID | Activity Name | Activity Description | Structure ID | Planned Start Date | Projected Start Date | Actual Start Date | Planned Completion Date | Projected Completion Date | Actual Completion Date | Planned Total Costs | Projected Total Costs | Actual Total Costs |
|-------------------|-----------------------------|----------------------|--------------|--------------------|----------------------|-------------------|-------------------------|---------------------------|------------------------|---------------------|-----------------------|--------------------|
| | Week Timebox) | | | | | | | | | | | |
| 230322 | Release 4 (12 Week Timebox) | Release 4 | 230322.4 | 2022-07-01 | 2022-07-01 | | 2022-09-30 | 2022-09-30 | | 0.865498 | 0.865498 | |
| 230522 | Release 4 (12 week timebox) | Release 4 | 230522.4 | 2022-07-01 | 2022-07-01 | | 2022-09-30 | 2022-09-30 | | 1.117900 | 1.117900 | |
| 230622 | Release 4 (12 week timebox) | Release 4 | 230622.4 | 2022-07-01 | 2022-07-01 | | 2022-09-30 | 2022-09-30 | | 0.293648 | 0.293648 | |
| 230722 | Release 4 (12 week timebox) | Release 4 | 230722.4 | 2022-07-01 | 2022-07-01 | | 2022-09-30 | 2022-09-30 | | 0.401500 | 0.401500 | |
| 230922 | Release 4 (12 week timebox) | Release 4 | 230922.4 | 2022-07-01 | 2022-07-01 | | 2022-09-30 | 2022-09-30 | | 1.423500 | 1.423500 | |
| 230222 | Release 4 (12 Week Timebox) | Release 4 | 230222.4 | 2022-07-01 | 2022-07-01 | | 2022-09-30 | 2022-09-30 | | 0.940128 | 0.940128 | |
| 230122 | Release 4 (12 Week Timebox) | Release 4 | 230122.4 | 2022-07-01 | 2022-07-01 | | 2022-09-30 | 2022-09-30 | | 1.021250 | 1.021250 | |

Section D: Operational Data

1. Provide the date and results of the last Operational Analysis (for operational and mixed life cycle systems/Investments):

1. Date of Analysis:

2. Analysis Results:

3. Analysis Conclusion:

2. Report a minimum of 5 metrics using the following table to provide metrics and actual results for each individual metric:

Metrics Definitions and Actual Results Table D.2 / D.3

| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
|-----------|--|-----------------|--|----------------------------|-------------|-------------|-----------------------|---------------------|--|--------------------|
| 30228 | # of material weaknesses reported in annual financial statements | Number | 3 - Financial Performance | 0.000000 | 0.000000 | 0.000000 | Over target | Annual | 006SO18026 : Strengthen Domestic Commerce and the U.S. Industrial Base | No |
| Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | | | | | | |
| 30228 | 276818 | 0.000000 | 01/27/2021 | | | | | | | |
| 30227 | Percentage of all vulnerabilities remediated in 30 days or less to avoid POAM | Percentage | 2 - Strategic and Business Results | 100.000000 | 100.000000 | 100.000000 | Over target | Semi-Annual | 006SO18022 : Advance Innovation | No |
| Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | | | | | | |
| 30227 | 287987 | 100.000000 | 06/30/2021 | | | | | | | |
| 30227 | 287986 | 100.000000 | 03/31/2021 | | | | | | | |
| 30227 | 276817 | 100.000000 | 01/27/2021 | | | | | | | |
| 30227 | 276816 | 100.000000 | 12/31/2020 | | | | | | | |
| 30226 | % System availability of all components in the investment (calculated as an average) | % Availability | 2 - Strategic and Business Results | 98.000000 | 98.000000 | 98.000000 | Over target | Annual | 006SO18026 : Strengthen Domestic Commerce and the U.S. Industrial Base | No |
| Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | | | | | | |
| 30226 | 276815 | 99.000000 | 01/27/2021 | | | | | | | |

| Metrics Definitions and Actual Results Table D.2 / D.3 | | | | | | | | | | |
|--|--|-----------------------|---|----------------------------|-------------|------------------|-----------------------|-----------------------|--|--------------------|
| Metric ID | Metric Description | Unit of Measure | Performance Measurement Category Mapping | Agency Baseline Capability | 2020 Target | 2021 Target | Measurement Condition | Reporting Frequency | Agency Strategic Objective / Agency Priority Goal | Is Metric Retired? |
| 30225 | Number of deployments in the investment that release functionality | Number of deployments | 2 - Strategic and Business Results | 15.000000 | 30226 | 276814 | 99.000000 | 12/31/2020 | | |
| | | | | | 21.000000 | 3.000000 | Over target | Monthly | 006SO18022 : Advance Innovation | No |
| | | | | | Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | |
| | | | | | 30225 | 289564 | 3.000000 | 06/30/2021 | Products that deployed were: FEDMT, EDW | |
| | | | | | 30225 | 287990 | 4.000000 | 03/31/2021 | Products that deployed were: FEDMT, EDW | |
| | | | | | 30225 | 287989 | 6.000000 | 05/31/2021 | Products that deployed were: CCC, PEDS, Momentum, ARMS, eFile | |
| | | | | | 30225 | 287988 | 3.000000 | 04/30/2021 | Products that deployed were: EDW, FEDMT, Public PAIR | |
| | | | | | 30225 | 281575 | 3.000000 | 02/28/2021 | cts that deployed were: ERLR CMS, OEDIS | |
| | | | | | 30225 | 276813 | 4.000000 | 01/27/2021 | Products that deployed were: EDW, EFS-Web, FEDMT | |
| | | | | | 30225 | 276812 | 14.000000 | 12/31/2020 | Products that deployed were: BITS, CICM, BDR, FEDMT, Momentum, ERLRCMS, EDW, D | |
| 30224 | Customer Satisfaction Score (CSAT) | Qualitative | 1 - Customer Satisfaction (Process Results) | 80.000000 | 80.000000 | | Over target | Annual | 006SO18022 : Advance Innovation | No |
| | | | | | Metric ID | Actual Result ID | Actual Result | Date of Actual Result | Comment | |
| | | | | | 30224 | 276810 | 90.000000 | 01/27/2021 | | |