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

Section A: Overview & General Information

Date Investment First Submitted: 2010-09-16
Date of Last Change to Activities: 2021-07-29
Investment Auto Submission Date:
Date of Last Investment Detail Update: 2021-04-29
Date of Last Business Case Update: 2021-04-29
Date of Last Revision: 2021-07-29

Agency: 422 - National Science Foundation   **Bureau:** 00 - Agency-Wide Activity

1. Name of this Investment: Mission Support Systems

2. Unique Investment Identifier (UII): 422-000001328

Section B: Investment Detail

1. **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):
     422SO18171: Processes and Operations: Continually improve agency operations

   Agency Priority Goal(s):

2. **Briefly describe the investment's return on investment, including benefits internal and external to the government and outcomes achieved or planned.**
   NSF's Mission Support Systems, which include applications for grants management, proposal submission, panel reviews, award recommendations, and award confirmation, are central to NSF's Merit Review process. These applications serve the research community, including researchers, educators, and students across the country who participate in the process as well as NSF staff who manage the review of approximately 50,000 proposals for cutting-edge scientific, engineering, and education research each year. NSF's Mission Support Services enable the research community and NSF staff to navigate through NSF business processes easily and quickly, and they continue to provide effective mission-support technology solutions for NSF's ongoing grants management needs. Additionally, the American taxpayer can leverage these services for streamlined, transparent information regarding how their tax dollars are being used to fund NSF awards and what outcomes those awards are achieving. As improvements are made to internal and external-facing services, this investment will enable NSF's

workforce to support a growing number of proposals, avoiding costs associated with increasing staff. As work progresses, NSF will continue to monitor costs for its IT portfolio and staff to enable quantitative analysis of cost savings or avoidance related to ongoing modernization efforts. Legislative Mandate - Modern IT services are essential to the grant-making process and to fulfilling NSF's statutory mission to "promote the progress of science…" The Proposal & Awards Policies & Procedures Guide (PAPPG) now includes a Data Management Plan, eliminates voluntary committed Cost Sharing in proposals, and requires the Primary Place of Performance be stated to meet Federal Funding Accountability & Transparency Act requirements (FFATA). The Project Outcomes Report for new and existing awards, provides the public insight into the outcomes of NSF-funded research, and is viewable through the Research Spending & Results search service. FFATA - http://www.gpo.gov/fdsys/pkg/PLAW-109publ282/pdf/PLAW-109publ282.pdf FITARA (legislative) - https://www.congress.gov/bill/113th-congress/house-bill/1232 Outstanding Audit Finding or Material Weakness – N/A Published Agency Strategic Plan/Annual Performance Plan - Supports agency strategic goal to "Enhance NSF's performance of its mission." http://www.nsf.gov/about/performance/strategic_plan.jsp FY19 Annual Performance Report and FY21 Performance Plan – Improve user interactions with IT systems. https://www.nsf.gov/about/budget/fy2021/pdf/68_fy2021.pdf Presidential Direction (i.e. Presidential Directive, Presidential Memorandum, or Executive Order) – N/A Other Requirement - N/A.

3. **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
422-000001361	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)?:**
YES

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.**

7.   **Provide the name of the Investment-level project manager:**
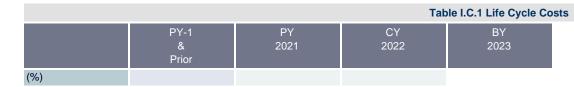   Westfall, Leigh

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:	$16.869000	$20.567000	$20.300000	$23.236000
DME (Including Planning) Govt. FTEs:	$1.408000	$1.464000	$1.528000	$1.624000
Sub-Total DME (including Internal Labor (Govt. FTE)):	$18.277000	$22.031000	$21.828000	$24.860000
O & M Costs:	$26.548000	$27.145000	$26.005000	$28.890000
O & M Internal Labor (Govt. FTE):	$1.362000	$2.370000	$2.473000	$2.629000
Sub-Total O & M Costs (Including Internal Labor (Govt. FTE)):	$27.910000	$29.515000	$28.478000	$31.519000
Total Cost (Including Internal Labor (Govt. FTE)):	$46.187000	$51.546000	$50.306000	$56.379000
Total Cost Internal Labor (Govt. FTE) costs:	$2.770000	$3.834000	$4.001000	$4.253000
# of FTE rep by costs:	16	21	21	21

Total change from prior year final President's Budget ($)		$5.359000	$-1.239000	
Total change from prior year final President's Budget		11.60%	-2.40%	

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)**
       1994

    b. **In which year will this investment reach the end of its estimated useful life? (specify year - e.g., FY+5 = 2027)**
       2032

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):**

Resources aligned to increase rate of modernization projects prioritized by governance bodies in FY20. In FY21 NSF sought to increase efficiencies of secure, reliable operations in order to reinvest in continuous modernization.

Business Case Detail: Performance Measurement Report

Section A1: General Information

1. **Name of this Investment:**   MISSION SUPPORT SYSTEMS

2. **Unique Investment Identifier (UII):**   422-000001328

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?
3829	Preparation for iTRAK Migration (LMA)		10/01/2011	01/31/2013	$3.9	
3830	Services for Institutions (LMA)		04/01/2011	09/30/2012	$8.8	
3831	Technology Upgrades (LMA)		10/01/2010	09/30/2012	$3.2	
3832	Services for Staff (LMA)		04/01/2011	09/30/2012	$13.2	
79532	iTRAK Integration (LMA)		10/01/2012	09/30/2013	$0.9	
161131	Transaction Services		07/01/2013	09/30/2014	$2.2	
161137	Reference Data		08/01/2013	09/30/2014	$2.5	
161145	Institution		10/01/2013	09/30/2014	$0.5	
161273	Public Access NSF		10/01/2013	09/30/2018	$6.1	
161277	Proposal Management Efficiencies (LMA)		10/01/2014	09/30/2016	$13.4	
172022	Proposal Management Efficiences		10/01/2016	09/30/2017	$13.2	
172029	Web Modernization		04/01/2017	09/30/2017	$0.5	
172687	Awards Modernization	Migrate functionality to modernized applications and decommission the Awards client server application.	10/01/2017	09/30/2021	$9.9	Yes
172686	PARS Modernization	Migrate functionality to modernized applications and decommission the PARS client server application.	10/01/2017	12/31/2021	$6.5	Yes
172668	Proposal Submission Modernization - Pilot Release & Enhancements	Release the pilot to modernize the proposal preparation and submission capabilities and additional enhancements for the Agency.	10/01/2017	09/30/2021	$25.2	Yes
172663	MyNSF Features	Develop enterprise wide features as common functionality to the Agency.	10/01/2017	09/30/2020	$2.4	Yes
173326	Enterprise Role Management and Certification	Implement an Enterprise Role Management system to manage internal user	10/01/2017	04/30/2020	$2.1	Yes

		Projects Table C.1				
Unique Project ID	Project Name	Project Goal	Project Start Date	Project Completion Date	Project Lifecycle Cost ($M)	Software Project?
		role/access to systems, services and functionalities. Migrate current capabilities from the legacy UPM system and provide a certification framework for user role/access.				
173349	Web Modernization III	Modernization of the NSF.gov website with a new content management tool solution, part III.	08/07/2018	03/31/2020	$1.8	Yes
174610	Public Access - FY21	Provide greater discovery, access, and use of the products of NSF research. Specifically, research data in support of publications.	10/01/2020	09/30/2022	$2.5	Yes
174605	Interactive Panel System Replacement	Modernization/Replacement of the current interactive panel systeem.	10/01/2020	09/30/2022	$4.2	Yes
174600	Intelligent Automation of Grants Management Systems	Enhancements to IT systems/applications that support the Grants Management Lifecycle.	10/01/2020	09/30/2022	$15.9	Yes
175384	Web Modernization IV	Modernization of the NSF.gov website with a new content management tool solution, part IV.	10/01/2020	09/30/2021	$2.9	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

161273	PA - Development Phase 1	Support required to broaden public access to the results of NSF funded research - Phase 1	161273.1	2013-10-01	2013-10-01	2013-10-01	2014-03-31	2014-03-31	2014-03-31	0.045000	0.045000	0.045000
161273	PA - Development Phase 2	Support required to broaden public access to the results of NSF funded research - Phase 2	161273.2	2014-04-01	2014-04-01	2014-04-01	2014-09-30	2014-09-30	2014-09-30	0.202000	0.190000	0.190000
161273	PA - Development Phase 3	Support required to broaden public access to the results of NSF funded research - Phase 3	161273.3	2014-10-01	2014-10-01	2014-10-01	2015-03-31	2015-03-31	2015-03-31	1.223000	1.780000	1.780000
161277	Modernizing Aging Server Technology - Phase 1	Support required to transition client server eBusiness systems to modern web-based technology - Phase 1	161277.1	2014-10-01	2014-10-01	2014-10-01	2015-03-31	2015-03-31	2015-03-31	2.520000	1.987000	1.987000
161273	PA - Development Phase 4	Support required to broaden public access to the results of NSF funded research - Phase 4	161273.4	2015-04-01	2015-04-01	2015-04-01	2015-09-30	2015-09-30	2015-09-30	1.628000	0.823000	0.823000
161277	Modernizing Aging Server Technology - Phase 2	Support required to transition client server eBusiness	161277.2	2015-04-01	2015-04-01	2015-04-01	2015-09-30	2015-09-30	2015-09-30	3.463000	3.478000	3.478000

				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
		systems to modern web-based technology - Phase 2										
161277	Modernizing Aging Server Technology - Phase 3	Support required to transition client server eBusiness systems to modern web-based technology - Phase 3	161277.3	2015-10-01	2015-10-01	2015-10-01	2015-12-31	2015-12-31	2015-12-31	1.850000	1.971000	1.971000
161273	PA - Development Phase 5	Support required to broaden public access to the results of NSF funded research - Phase 5	161273.5	2015-10-01	2015-10-01	2015-10-01	2016-03-31	2016-03-31	2016-03-31	1.210000	1.184000	1.184000
161277	Modernizing Aging Server Technology - Phase 4	Support required to transition client server eBusiness systems to modern web-based technology - Phase 4	161277.4	2016-01-01	2016-01-01	2016-01-01	2016-03-31	2016-03-31	2016-03-31	1.850000	1.768000	1.768000
161277	Modernizing Aging Server Technology - Phase 5	Support required to transition client server eBusiness systems to modern web-based technology -	161277.5	2016-04-01	2016-04-01	2016-04-01	2016-06-30	2016-06-30	2016-06-30	1.850000	1.843000	1.843000

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
		Phase 5										
161273	PA - Development Phase 6	Support required to broaden public access to the results of NSF funded research - Phase 6	161273.6	2016-04-01	2016-04-01	2016-04-01	2016-09-30	2016-09-30	2016-09-30	0.085000	0.021000	0.021000
161277	Modernizing Aging Server Technology - Phase 6	Support required to transition client server eBusiness systems to modern web-based technology - Phase 6	161277.6	2016-07-01	2016-07-01	2016-07-01	2016-09-30	2016-09-30	2016-09-30	1.850000	1.885000	1.885000
172022	Migration & Modernization of Merit Review Applications - Phase 1	Support required to migrate and modernized eBusiness systems from existing to modernized applications - phase 1	172022.1	2016-10-01	2016-10-01	2016-10-01	2017-03-31	2017-03-31	2017-03-31	6.615000	6.137000	6.137000
172022	Migration & Modernization of Merit Review Applications - Phase 2	Support required to migrate and modernized eBusiness systems from existing to modernized applications - phase 2	172022.2	2017-04-01	2017-04-01	2017-04-01	2017-09-30	2017-09-30	2017-09-30	6.615000	7.542000	7.542000
172029	Content Management System	Support to implement a content	172029.1	2017-04-01	2017-04-01	2017-04-01	2017-09-30	2017-09-30	2017-09-30	0.500000	0.550000	0.550000

					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
	Implementation - Phase 1	manangement system for the Agency - Phase 1										
173326	UPM Retirement - FY18 Q1	UPM Translation Engine	173326.1	2017-10-01	2017-10-01	2017-10-01	2017-12-31	2017-12-31	2017-12-31	0.178000	0.178000	0.178000
172668	PCV FY18 - 1	PCV Continuous Enhancements - January Release	172668.1	2017-10-01	2017-10-01	2017-10-01	2018-01-31	2018-01-31	2018-01-31	0.300000	0.255000	0.255000
172668	PSM Phase 1 FY18 - 1	PSM Initial Rollout - February Release	172668.2	2017-10-01	2017-10-01	2017-10-01	2018-02-28	2018-02-28	2018-02-28	1.625000	1.930000	1.930000
172668	PCV FY18 - 2	PCV Continuous Enhancements - February Release	172668.3	2018-02-01	2018-02-01	2018-02-01	2018-02-28	2018-02-28	2018-02-28	0.075000	0.072000	0.072000
172663	Foundation Functionality Release - Phase 1	Release of new functionality that creates more integrated and intuitive user experience within the merit review process - phase 1	172663.1	2017-10-01	2017-10-01	2017-10-01	2018-03-31	2018-03-31	2018-03-31	0.470000	0.459000	0.459000
172686	PARS Modernization FY18 - 1	Invitation Management - Create and Edit Reviewer Records and additional enhancements/maintenance for the existing functionality -	172686.1	2017-10-01	2017-10-01	2017-10-01	2018-03-31	2018-03-31	2018-03-31	0.990000	0.924000	0.924000

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
		March Release.										
172687	Awards Modernization FY18 - 1	Create and Process Non Financial Award Actions and Generate Notice - March Release	172687.1	2017-10-01	2017-10-01	2017-10-01	2018-03-31	2018-03-31	2018-03-31	0.712000	0.679000	0.679000
173326	UPM Retirement - FY18 Q2	On-boarding Apps, Implement RM Functions in SailPoint, Translation Engine	173326.2	2018-01-01	2018-01-01	2018-01-01	2018-03-31	2018-03-31	2018-03-31	0.295000	0.295000	0.295000
172668	PSM Phase 1 FY18 - 2	PSM Maintainance and Enhancements - April Release	172668.4	2018-03-01	2018-03-01	2018-03-01	2018-04-30	2018-04-30	2018-04-30	0.650000	0.880000	0.880000
172668	PCV FY18 - 3	PCV Continuous Enhancements - April Release	172668.5	2018-03-01	2018-03-01	2018-03-01	2018-04-30	2018-04-30	2018-04-30	0.150000	0.136000	0.136000
172687	Awards Modernization FY18 - 2	Create and Process Non Financial Award Actions - April Release and Process Funded Proposals on Existing Awards - preparation for July Release	172687.2	2018-01-01	2018-01-01	2018-01-01	2018-04-30	2018-04-30	2018-04-30	0.317000	0.313000	0.313000
172686	PARS Modernization FY18 - 2	Invitation Management - Create and Edit Reviewer	172686.2	2018-04-01	2018-04-01	2018-04-01	2018-06-30	2018-06-30	2018-06-30	0.270000	0.274000	0.274000

for 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
		Records and additional enhancements/maintenance for the existing functionality - June Release.										
173326	Certification Framework - FY18 Q3	Build Certification Framework, on-board IPP application for certification and iTRAK application for access/role management	173326.3	2018-04-01	2018-04-01	2018-04-01	2018-06-30	2018-06-30	2018-06-30	0.357000	0.339000	0.339000
172668	PSM Phase 1 FY18 - 3	PSM Continuous Enhancements - July Release	172668.6	2018-05-01	2018-05-01	2018-05-01	2018-07-31	2018-07-31	2018-07-31	1.025000	1.019000	1.019000
172663	Foundation Functionality Release - Phase 2	Release of new functionality that creates more integrated and intuitive user experience within the merit review process - phase 2	172663.2	2018-04-01	2018-04-01	2018-04-01	2018-09-30	2018-09-30	2018-09-30	0.750000	0.742000	0.742000
172668	PCV FY18 - 4	PCV Continuous Enhancements - September Release	172668.7	2018-05-01	2018-05-01	2018-05-01	2018-09-30	2018-09-30	2018-09-30	0.375000	0.374000	0.374000
172668	PSM Phase 1 FY18 - 4	PSM Continuous Enhancements - September Release	172668.8	2018-08-01	2018-08-01	2018-08-01	2018-09-30	2018-09-30	2018-09-30	0.650000	0.550000	0.550000

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
						Project Activity Table C.2.1						
172687	Awards Modernization FY18 - 3	Process Funded Proposals on Existing Awards - July Release, and approve other admin no-fund actions.	172687.3	2018-04-01	2018-04-01	2018-04-01	2018-09-30	2018-09-30	2018-09-30	0.817000	1.004000	1.004000
173326	UPM Retirement - FY18 Q4	ITRAK & Non UPM Functions	173326.4	2018-07-01	2018-07-01	2018-07-01	2018-09-30	2018-09-30	2018-09-30	0.344000	0.339000	0.339000
173349	Web Mod III FY19 - 1	Establish beta in NSF managed cloud, begin development	173349.1	2018-08-07	2018-08-07	2018-08-07	2018-09-30	2018-09-30	2018-09-30	0.135000	0.135000	0.135000
172686	PARS Modernization FY18 - 3	Invitation Management - Check and Track Meeting Participants and additional enhancements/ maintenance for the existing functionality - October Release	172686.3	2018-03-01	2018-03-01	2018-03-01	2018-10-30	2018-10-30	2018-10-30	1.080000	0.948000	0.948000
172668	PSM Phase 1 FY19 - 1	PSM Continuous Enhancements - November Release	172668.9	2018-10-01	2018-10-01	2018-10-01	2018-11-30	2018-11-30	2018-11-30	0.550000	0.500000	0.500000
172668	PCV FY19 - 1	PCV Continuous Enhancements - November Release	172668.10	2018-10-01	2018-10-01	2018-10-01	2018-11-30	2018-11-30	2018-11-30	0.150000	0.072000	0.072000
172686	PARS Modernization	Invitation Management -	172686.4	2018-10-01	2018-10-01	2018-10-01	2018-11-30	2018-11-30	2018-11-30	0.148000	0.135000	0.135000

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
	FY19 - 1	Check and Track Meeting Participant Availability (FY19 work only)										
172687	Awards Modernization FY19 - 1	Process Post Award Funded Actions	172687.4	2018-10-01	2018-10-01	2018-10-01	2018-11-30	2018-11-30	2018-11-30	0.238000	0.260000	0.260000
173349	Web Mod III FY19 - 2	Release production sites including /careers and OLPA speaker's bureau	173349.2	2018-10-01	2018-10-01	2018-10-01	2018-12-31	2018-12-31	2018-12-31	0.259000	0.278000	0.278000
173326	UPM Retirement - FY19 Q1	Implement RM Functions in SailPoint & On-boarding Apps	173326.5	2018-09-24	2018-09-24	2018-09-24	2019-01-05	2019-01-05	2019-01-05	0.213000	0.115000	0.115000
172668	PSM Phase 1 FY19 - 2	PSM Continuous Enhancements - January Release	172668.11	2018-12-01	2018-12-01	2018-12-01	2019-01-31	2019-01-31	2019-01-31	0.550000	0.488000	0.488000
172668	PCV FY19 - 2	PCV Continuous Enhancements - January Release	172668.12	2018-12-01	2018-12-01	2018-12-01	2019-01-31	2019-01-31	2019-01-31	0.150000	0.066000	0.066000
172686	PARS Modernization FY19 - 2	Invitation Management - Check and Track Ad Hoc Reviewers and additional enhancements/maintenance for the existing functionality	172686.5	2018-10-01	2018-10-01	2018-10-01	2019-02-28	2019-02-28	2019-02-28	0.370000	0.256000	0.256000
173326	UPM	Implement RM	173326.6	2019-01-07	2019-01-07	2019-01-07	2019-03-29	2019-03-29	2019-03-29	0.115000	0.117000	0.117000

						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
	Retirement - FY19 Q2	Functions in SailPoint & On-boarding Apps										
172663	Foundation Functionality Release - Phase 3	Release of new functionality that creates more integrated and intuitive user experience within the merit review process - phase 3	172663.3	2018-10-01	2018-10-01	2018-10-01	2019-03-31	2019-03-31	2019-03-31	0.596000	0.616000	0.616000
172687	Awards Modernization FY19 - 2	Process New Awards	172687.5	2018-11-01	2018-11-01	2018-11-01	2019-03-31	2019-03-31	2019-03-31	0.633000	0.626000	0.626000
173349	Web Mod III FY19 - 3	Funding lists, some OLPA products	173349.3	2019-01-01	2019-01-01	2019-01-01	2019-03-31	2019-03-31	2019-03-31	0.259000	0.255000	0.255000
172668	PSM Phase 1 FY19 - 3	PSM Continuous Enhancements - May Release	172668.13	2019-02-01	2019-02-01	2019-02-01	2019-05-31	2019-05-31	2019-05-31	1.100000	1.171000	1.171000
172668	PCV FY19 - 3	PCV Continuous Enhancements - May Release	172668.14	2019-02-01	2019-02-01	2019-02-01	2019-05-31	2019-05-31	2019-05-31	0.300000	0.189000	0.189000
173326	UPM Retirement - FY19 Q3	Implement RM Functions in SailPoint & On-boarding Apps,Role Certification	173326.7	2019-03-31	2019-03-31	2019-03-31	2019-06-21	2019-06-21	2019-06-21	0.059000	0.053000	0.053000
172686	PARS Modernization FY19 - 3	Profile Management - Reviewer Profile and additional enhancements/maintenance for the existing	172686.6	2018-12-01	2018-12-01	2018-12-01	2019-06-30	2019-06-30	2019-06-30	0.418000	0.402000	0.402000

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
		functionality										
172687	Awards Modernization FY19 - 3	Process Reductions and Cancellations	172687.6	2019-03-01	2019-03-01	2019-03-01	2019-06-30	2019-06-30	2019-06-30	0.554000	0.674000	0.674000
173349	Web Mod III FY19 - 4	Publications management, more OLPA products	173349.4	2019-04-01	2019-04-01	2019-04-01	2019-06-30	2019-06-30	2019-06-30	0.259000	0.281000	0.281000
173326	UPM Retirement - FY19 Q4	Implement RM Functions in SailPoint & On-boarding Apps	173326.8	2019-06-23	2019-06-23	2019-06-23	2019-09-13	2019-09-13	2019-09-13	0.085000	0.049000	0.049000
172663	Foundation Functionality Release - Phase 4	Release of new functionality that creates more integrated and intuitive user experience within the merit review process - phase 4	172663.4	2019-04-01	2019-04-01	2019-04-01	2019-09-30	2019-09-30	2019-09-30	0.315000	0.304000	0.304000
173349	Web III_19.05	REU, NMS, similar apps/searches - Phase 1	173349.5	2019-07-01	2019-07-01	2019-07-01	2019-09-30	2019-09-30	2019-09-30	0.289000	0.369000	0.369000
172686	PARS Modernization FY19 - 4	Profile Management - Create, Delete and additional Edits for Internal PI records	172686.7	2019-03-01	2019-03-01	2019-03-01	2019-09-30	2019-09-30	2019-09-30	0.649000	0.568000	0.568000
172668	PSM Phase 1 FY19 - 4	PSM Continuous Enhancements - September Release	172668.15	2019-06-02	2019-06-02	2019-06-02	2019-09-30	2019-09-30	2019-09-30	1.100000	1.470000	1.470000
172668	PCV FY19 - 4	PCV	172668.16	2019-06-02	2019-06-02	2019-06-02	2019-09-30	2019-09-30	2019-09-30	0.300000	0.324000	0.324000

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
172687	Awards Modernization FY19 - 4	Continuous Enhancements - September Release Process New Awards	172687.7	2019-07-01	2019-07-01	2019-07-01	2019-10-30	2019-10-30	2019-10-30	0.892000	0.959000	0.959000
172668	PSM FY20 R1 - Database Enhancements	PSM - November Release - Upgrade Database to UTF8 and replatform to x86	172668.17	2019-10-01	2019-10-01	2019-10-01	2019-11-30	2019-11-30	2019-11-30	0.700000	0.790000	0.790000
172668	PCV FY20 R1 - Database Enhancements	PCV - November Release - Upgrade Database to UTF8 and replatform to x86	172668.18	2019-10-01	2019-10-01	2019-10-01	2019-11-30	2019-11-30	2019-11-30	0.150000	0.052000	0.052000
173326	UPM Retirement - FY20 Q1	Implement RM Functions in SailPoint & On-boarding Apps - Analysis Test Release	173326.9	2019-09-16	2019-09-16	2019-09-16	2019-12-06	2019-12-06	2019-12-06	0.250000	0.014000	0.014000
172668	PSM FY20 R2 - PAPPG	PSM - January Release - Update forms and rules for PAPPG 2020 Compliance	172668.19	2019-12-01	2019-12-01	2019-12-01	2020-01-30	2020-01-30	2020-01-30	0.700000	1.059000	1.059000
172668	PCV FY20 R2 - PAPPG	PCV - January Release - Update rules for PAPPG 2020 Compliance	172668.20	2019-12-01	2019-12-01	2019-12-01	2020-01-30	2020-01-30	2020-01-30	0.150000	0.084000	0.084000

				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
172687	Awards Modernization FY20 - 1	Process New Awards Enhancements	172687.8	2019-10-01	2019-10-01	2019-10-01	2020-01-31	2020-01-31	2020-01-31	0.819000	0.762000	0.762000
172686	PARS Modernization FY20 - 1	ACS Support - Add Thematic Codes to Meetings	172686.8	2019-10-01	2019-10-01	2019-10-01	2020-01-31	2020-01-31	2020-01-31	0.431000	0.350000	0.350000
172663	Foundation Functionality Release - Phase 5	Release of new functionality that creates more integrated and intuitive user experience within the merit review process - phase 5	172663.5	2019-10-01	2019-10-01	2019-10-01	2020-03-31	2020-03-31	2020-03-31	0.165000	0.207000	0.207000
173349	Web III_19.06	REU, NMS, similar apps/searches - Phase 2	173349.6	2019-10-01	2019-10-01	2019-10-01	2020-03-31	2020-03-31	2020-03-31	0.585000	0.639000	0.639000
172687	Awards Modernization FY20 - 2	Process Cancellations	172687.9	2020-01-01	2020-01-01	2020-01-01	2020-03-31	2020-03-31	2020-03-31	0.683000	0.690000	0.690000
172668	PSM FY20 R3 - Platform Upgrade	PSM - March Release - Upgrade OS from RHEL 6 to AL2	172668.21	2020-02-01	2020-02-01	2020-02-01	2020-03-31	2020-03-31	2020-03-31	0.400000	0.552000	0.552000
172668	PCV FY20 R3 - Platform Upgrade	PCV - March Release - Upgrade OS from RHEL 6 to AL2	172668.22	2020-02-01	2020-02-01	2020-02-01	2020-03-31	2020-03-31	2020-03-31	0.100000	0.044000	0.044000
173326	UPM Retirement - FY20 Q2	Implement RM Functions in SailPoint & On-boarding Apps	173326.10	2019-12-09	2019-12-09	2019-12-09	2020-04-30	2020-04-30	2020-04-30	0.250000	0.528000	0.528000
172687	Awards Modernization	Process Reductions	172687.10	2020-04-01	2020-04-01	2020-04-01	2020-06-30	2020-06-30	2020-06-30	0.755000	0.788000	0.788000

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
	FY20 - 3											
172686	PARS Modernization FY20 - 2	Profile Management - Reviewer and PI Merge, and additional enhancements/maintenance for the existing functionality	172686.9	2020-01-01	2020-01-01	2020-01-01	2020-06-30	2020-06-30	2020-06-30	0.400000	0.508000	0.508000
172668	PSM FY20 R4 - Multi-Org Collab	PSM - June Release - Enhance to support Collaborative Proposals from Multiple Organizations	172668.23	2020-02-01	2020-02-01	2020-02-01	2020-06-30	2020-06-30	2020-06-30	2.005000	2.325000	2.325000
172668	PCV FY20 R4 - Multi-Org Collab	PCV - June Release - Enhance to support Collaborative Proposals from Multiple Organizations	172668.24	2020-02-01	2020-02-01	2020-02-01	2020-06-30	2020-06-30	2020-06-30	0.190000	0.186000	0.186000
172663	Foundation Functionality Release - Phase 6	Release of new functionality that creates more integrated and intuitive user experience within the merit review process - phase 6	172663.6	2020-04-01	2020-04-01	2020-04-01	2020-09-30	2020-09-30	2020-09-30	0.146000	0.203000	0.203000
172687	Awards Modernization FY20 - 4	Process PI Transfers	172687.11	2020-07-01	2020-07-01	2020-07-01	2020-09-30	2020-09-30	2020-09-30	0.826000	0.848000	0.848000
172686	PARS Modernization	Check & Track Participant	172686.10	2020-07-01	2020-07-01	2020-07-01	2020-09-30	2020-09-30	2020-09-30	0.200000	0.308000	0.308000

					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
	FY20 - 3	Availability enhancements										
172668	PSM FY20 R5 - Feature Enhancements	PSM - September Release - Enhance to support Withdraw Proposal	172668.25	2020-07-01	2020-07-01	2020-07-01	2020-09-30	2020-09-30	2020-09-30	1.320000	1.819000	1.819000
172668	PCV FY20 R5 - Feature Enhancements	PCV - September Release - Enhance to support Withdraw Proposal	172668.26	2020-07-01	2020-07-01	2020-07-01	2020-09-30	2020-09-30	2020-09-30	0.170000	0.137000	0.137000
175384	Web IV_21.01 oct	working with pilot org on content migration, launch funding search	175384.1	2020-10-01	2020-10-01	2020-10-01	2020-10-31	2020-10-31	2020-10-31	0.220000	0.201000	0.201000
175384	Web IV_21.02 nov	Events MVP, events management	175384.2	2020-11-01	2020-11-01	2020-11-01	2020-11-30	2020-11-30	2020-11-30	0.220000	0.191000	0.191000
172668	PSM/PCV FY21 R1 – Demo Site	PSM – Q1 Release – Add the remaining forms required for all possible submissions	172668.27	2020-10-01	2020-10-01	2020-10-01	2020-12-30	2020-12-30	2020-12-30	0.400000	0.543000	0.543000
172668	PSM/PCV FY21 R2 – Cloud Migration	PSM – Q1 Release – Add the remaining forms required for all possible submissions	172668.28	2020-10-01	2020-10-01	2020-10-01	2020-12-30	2020-12-30	2020-12-30	0.700000	1.948000	1.948000
172668	PSM/PCV FY21 R2 – Additional Proposal	PSM – Q1 Release – Add additional proposal types:	172668.29	2020-10-01	2020-10-01	2020-10-01	2020-12-30	2020-12-30	2020-12-30	0.400000	0.555000	0.555000

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
	Types	RAPID, EAGER, RAISE proposal types										
174605	IPS Replacement - Q1	IPS Replacement Release 1	174605.1	2020-10-01	2020-10-01	2020-10-01	2020-12-31	2020-12-31	2020-12-31	0.096000	0.096000	0.096000
174600	Grants Management Enhancement - Q1	Grants Management System Release 1	174600.1	2020-10-01	2020-10-01	2020-10-01	2020-12-31	2020-12-31	2020-12-31	0.851000	0.851000	0.851000
175384	Web IV_21.03 dec	identify and define OLPA content types, begin migration,	175384.3	2020-12-01	2020-12-01	2020-12-01	2020-12-31	2020-12-31	2020-12-31	0.220000	0.181000	0.181000
172687	Awards Modernization FY21 - 1	Process PI Transfers	172687.12	2020-10-01	2020-10-01	2020-10-01	2020-12-31	2020-12-31	2020-12-31	0.655000	0.634000	0.634000
175384	Web IV_21.04 jan	working onmultiple migrations	175384.4	2021-01-01	2021-01-01	2021-01-01	2021-01-31	2021-01-31	2021-01-31	0.220000	0.213000	0.213000
175384	Web IV_21.05 feb new contract	contract transition	175384.5	2021-02-06	2021-02-06	2021-02-06	2021-02-28	2021-02-28	2021-02-28	0.220000	0.221000	0.221000
174605	IPS Replacement - Q2	IPS Replacement Release 2	174605.2	2021-01-01	2021-01-01	2021-01-01	2021-03-31	2021-03-31	2021-03-31	0.082000	0.072000	0.072000
174600	Grants Management Enhancement - Q2	Grants Management System Release 2	174600.2	2021-01-01	2021-01-01	2020-12-31	2021-03-31	2021-03-31	2021-03-31	1.039000	0.943000	0.943000
172668	PSM/PCV FY21 R3 – Additional Proposal Types	PSM – Q2 Release – Add additional proposal types: Conferences, Ideas Lab, Centers, Equipment,	172668.30	2021-01-01	2021-01-01	2021-01-01	2021-03-31	2021-03-31	2021-03-31	1.500000	0.824000	0.824000

					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
		travel, GOALI, FASED and SBIR/STTR										
172668	PSM/PCV FY21 R4 – Additional Submission Types	PSM – Q2 Release – Add additional submission types: Letter of Intent, Preliminary Proposals, Special Post Doctoral Submissions	172668.31	2021-01-01	2021-01-01	2021-01-01	2021-03-31	2021-03-31	2021-03-31	1.500000	0.824000	0.824000
172668	PSM/PCV FY21 R4 – Proposal Withdrawals	PSM – Q2 Release – Add Post-Doctoral and Other Unique Submissions types	172668.32	2021-01-01	2021-01-01	2021-01-01	2021-03-31	2021-03-31	2021-03-31	1.000000	0.549000	0.549000
175384	Web IV_21.06 march	build new home page on beta	175384.6	2021-03-01	2021-03-01	2021-03-01	2021-03-31	2021-03-31	2021-03-31	0.220000	0.220000	0.241300
172687	Awards Modernization FY21 - 2	Migrate Administrative Utilities	172687.13	2021-01-01	2021-01-01	2021-01-01	2021-03-31	2021-03-31	2021-03-31	0.655000	0.643000	0.643000
175384	Web IV_21.07 april	Web IV - Web Modernization Planning 1	175384.7	2021-04-01	2021-04-01	2021-04-01	2021-04-30	2021-04-30	2021-04-30	0.235000	0.235000	0.235000
175384	Web IV_21.08 may	Web IV - Web Modernization Planning 2	175384.8	2021-05-01	2021-05-01	2021-05-01	2021-05-31	2021-05-31	2021-05-31	0.225000	0.251000	0.251000
174610	PA Datasets - FY21 Q3	Dataset Requirements	174610.1	2021-04-01	2021-04-01	2021-04-01	2021-06-30	2021-06-30	2021-06-30	0.370000	0.395000	0.395000
174605	IPS Replacement - Q3	IPS Replacement Release 3	174605.3	2021-04-01	2021-04-01	2021-04-01	2021-06-30	2021-06-30	2021-06-30	0.086000	0.055000	0.055000
174600	Grants Management	Grants Management	174600.3	2021-04-01	2021-04-01	2021-04-01	2021-06-30	2021-06-30	2021-06-30	0.844000	0.784000	0.784000

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
	Enhancement - Q3	System Release 3										
172668	PSM/PCV FY21 R5 – Additional Submission Types	PSM – Q3 Release – Add additional submission types: Letter of Intent, Preliminary Proposals, Special Post Doctoral Submissions	172668.33	2021-04-01	2021-04-01	2021-04-01	2021-06-30	2021-06-30	2021-06-30	1.500000	1.319000	1.319000
172668	PSM/PCV FY21 R6 – Proposal Withdrawals	PSM – Q3 Release – Add Post-Doctoral and Other Unique Submissions types	172668.34	2021-04-01	2021-04-01	2021-04-01	2021-06-30	2021-06-30	2021-06-30	1.000000	0.879000	0.879000
175384	Web IV_21.09 june	Web IV - Web Modernization Planning 3	175384.9	2021-06-01	2021-06-01	2021-06-01	2021-06-30	2021-06-30	2021-06-30	0.275000	0.500000	0.500000
172687	Awards Modernization FY21 - 3	Migrate Administrative Utilities	172687.14	2021-04-01	2021-04-01	2021-04-01	2021-06-30	2021-06-30	2021-06-30	0.655000	0.761000	0.761000
175384	Web IV_21.10 july	Web IV - Web Modernization Planning 4	175384.10	2021-07-01	2021-07-01	2021-07-01	2021-07-31	2021-07-31		0.275000	0.275000	
175384	Web IV_21.11 august	Web IV - Web Modernization Planning 5	175384.11	2021-08-01	2021-08-01		2021-08-31	2021-08-31		0.300000	0.300000	
174610	PA Datasets - FY21 Q4	Dataset Release 1	174610.2	2021-07-01	2021-07-01	2021-07-01	2021-09-30	2021-09-30		0.300000	0.296000	
174605	IPS Replacement - Q4	IPS Replacement Release 4	174605.4	2021-07-01	2021-07-01	2021-07-01	2021-09-30	2021-09-30		0.087000	0.087000	
174600	Grants Management Enhancement -	Grants Management System	174600.4	2021-07-01	2021-07-01	2021-07-01	2021-09-30	2021-09-30		0.895000	0.868000	

				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
	Q4	Release 4										
172687	Awards Modernization FY21 - 4	Migrate Administrative Utilities	172687.15	2021-07-01	2021-07-01	2021-07-01	2021-09-30	2021-09-30		0.655000	0.452000	
172668	PSM/PCV FY21 R7 – Additional Submission Types	PSM – Q4 Release – Add additional submission types: Renewals, Accomplished Based Renewals	172668.35	2021-07-01	2021-07-01	2021-07-01	2021-09-30	2021-09-30		1.000000	1.099000	
172668	PSM/PCV FY21 R7 – Special document submissions	PSM – Q4 Release – Add Post-Doctoral and Other Unique Submissions types	172668.36	2021-07-01	2021-07-01	2021-07-01	2021-09-30	2021-09-30		1.000000	1.099000	
174610	PA Datasets - FY22 Q1	Dataset Release 2	174610.3	2021-10-01	2021-10-01		2021-12-31	2021-12-31		0.343000	0.343000	
174605	IPS Replacement - FY22 Q1	IPS Replacement Release 5	174605.5	2021-10-01	2021-10-01		2021-12-31	2021-12-31		0.375000	0.375000	
174600	Grants Management Enhancement - FY22 Q1	Grants Management System Release 5	174600.5	2021-10-01	2021-10-01		2021-12-31	2021-12-31		2.625000	2.625000	
174610	PA Datasets - FY22 Q2	Dataset Release 3	174610.4	2022-01-01	2022-01-01		2022-03-31	2022-03-31		0.343000	0.343000	
174605	IPS Replacement - FY22 Q2	IPS Replacement Release 6	174605.6	2022-01-01	2022-01-01		2022-03-31	2022-03-31		0.375000	0.375000	
174600	Grants Management Enhancement - FY22 Q2	Grants Management System Release 6	174600.6	2022-01-01	2022-01-01		2022-03-31	2022-03-31		2.625000	2.625000	
174610	PA Datasets -	Dataset	174610.5	2022-04-01	2022-04-01		2022-06-30	2022-06-30		0.343000	0.343000	

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
	FY22 Q3	Release 4										
174605	IPS Replacement - FY22 Q3	IPS Replacement Release 7	174605.7	2022-04-01	2022-04-01		2022-06-30	2022-06-30		0.375000	0.375000	
174600	Grants Management Enhancement - FY22 Q3	Grants Management System Release 7	174600.7	2022-04-01	2022-04-01		2022-06-30	2022-06-30		2.625000	2.625000	
174610	PA Datasets - FY22 Q4	Dataset Release 5	174610.6	2022-07-01	2022-07-01		2022-09-30	2022-09-30		0.343000	0.343000	
174605	IPS Replacement - FY22 Q4	IPS Replacement Release 8	174605.8	2022-07-01	2022-07-01		2022-09-30	2022-09-30		0.375000	0.375000	
174600	Grants Management Enhancement - FY22 Q4	Grants Management System Release 8	174600.8	2022-07-01	2022-07-01		2022-09-30	2022-09-30		2.625000	2.625000	

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:** continue as is

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?
26273	Percent of external merit review functions accessible through a single portal	Percent	2 - Strategic and Business Results		25.000000	68.000000	Over target	Annual	422SO18171 : Processes and Operations: Continually improve agency operations	

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
26273	273343	64.000000	10/01/2020	
26273	250922	32.000000	10/25/2019	
26273	232893	27.000000	10/19/2018	

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?
26272	Percent of internal merit review functions accessible through a single portal	Percent	2 - Strategic and Business Results		65.000000	90.000000	Over target	Annual	422SO18171 : Processes and Operations: Continually improve agency operations	

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
26272	273342	86.000000	10/01/2020	
26272	250921	83.000000	10/25/2019	
26272	232892	79.000000	10/19/2018	

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?
26271	Improve technology, tools, functionality, and/or business processes	Number	2 - Strategic and Business Results		1.000000	1.000000	Over target	Monthly		

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment

					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?
					26271	289909	4.000000	07/20/2021		
					26271	287779	3.000000	06/04/2021		
					26271	284238	10.000000	04/26/2021		
					26271	281873	5.000000	03/15/2021		
					26271	278740	13.000000	02/18/2021		
					26271	277533	2.000000	01/12/2021		
					26271	275870	10.000000	12/18/2020		
					26271	274536	3.000000	11/18/2020		
					26271	273341	11.000000	10/07/2020		
					26271	269676	8.000000	09/16/2020		
					26271	267259	10.000000	08/13/2020		
					26271	265359	10.000000	07/08/2020		
					26271	263969	10.000000	06/23/2020		
					26271	261289	7.000000	05/22/2020		
					26271	260445	5.000000	04/23/2020		
					26271	258808	2.000000	03/10/2020		
					26271	257207	3.000000	02/05/2020		

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?
					26271	257206	2.000000	01/15/2020		
					26271	253585	10.000000	12/09/2019		
					26271	252205	12.000000	11/18/2019		
					26271	250919	8.000000	10/16/2019		
					26271	250918	6.000000	09/04/2019		
					26271	247137	4.000000	08/08/2019		
					26271	245760	7.000000	07/09/2019		
					26271	244321	8.000000	06/21/2019		
					26271	242861	7.000000	05/13/2019		
					26271	241315	1.000000	04/15/2019		
					26271	239456	9.000000	03/20/2019		
					26271	237615	0.000000	02/15/2019		
					26271	237614	0.000000	01/15/2019		
					26271	236124	3.000000	12/18/2018		
					26271	234686	2.000000	11/27/2018		
					26271	232890	1.000000	10/29/2018		
					26271	232889	3.000000	09/24/2018		

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?
					26271	226365	1.000000	08/15/2018		
					26271	225709	3.000000	07/17/2018		
					26271	224437	1.000000	06/22/2018		
					26271	223213	1.000000	05/15/2018		
					26271	221832	2.000000	04/24/2018		
					26271	219753	2.000000	03/15/2018		
					26271	217990	2.000000	02/23/2018		
					26271	217142	2.000000	01/25/2018		
					26271	217141	0.000000	12/25/2017		
					26271	213563	2.000000	11/28/2017		
					26271	213562	3.000000	10/25/2017		
					26271	213561	1.000000	09/25/2017		
26270	Notice of interruption to Public Access system availability within agreed upon timeframe	Percent	2 - Strategic and Business Results		99.000000		Over target	Annual		

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
26270	250917	100.000000	10/28/2019	

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?
					26270	232888	100.000000	10/18/2018		
					26270	213560	100.000000	10/16/2017		
26269	Maintenance Cost Variance from Planned Spend	Percent	3 - Financial Performance		20.000000	20.000000	Under target	Semi-Annual		

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
26269	284237	5.360000	04/01/2021	
26269	273340	8.880000	10/01/2020	
26269	260444	2.750000	04/27/2020	
26269	250916	8.690000	09/30/2019	
26269	241314	8.740000	04/22/2019	
26269	232887	0.130000	10/29/2018	
26269	221831	10.650000	04/27/2018	
26269	213559	4.480000	10/31/2017	

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?
26268	% of tickets escalated to Tier III Customer Support	Percent	1 - Customer Satisfaction (Process Results)		22.000000	22.000000	Under target	Semi-Annual		

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
26268	284236	19.000000	04/16/2021	

							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?
					26268	273339	18.000000	10/16/2020		
					26268	260443	18.000000	04/14/2020		
					26268	250915	18.000000	10/28/2019		
					26268	241313	15.000000	04/16/2019		
					26268	232886	19.000000	10/16/2018		
					26268	221830	9.000000	04/16/2018		
					26268	213558	11.000000	10/04/2017		
25927	Percentage of proposals checked by Automated Proposal Compliance Validation	Percent	2 - Strategic and Business Results		95.000000		Over target	Quarterly		

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
25927	265360	92.700000	07/08/2020	
25927	260446	92.230000	04/08/2020	
25927	257208	88.800000	01/15/2020	
25927	250920	87.760000	10/07/2019	
25927	245761	96.540000	07/05/2019	
25927	241316	95.890000	04/05/2019	

						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?
					25927	237616	92.390000	01/06/2019		
					25927	232891	95.060000	10/29/2018		
					25927	225710	95.570000	07/16/2018		
					25927	221833	96.270000	04/16/2018		
					25927	217143	74.900000	01/18/2018		
					25927	213564	97.000000	10/17/2017		
					25927	206076	0.000000	08/23/2017		
					25927	206075	95.000000	07/19/2017		
					25927	197625	0.000000	08/23/2017		
					25927	197624	95.000000	07/19/2017		
23702	Improve technology, tools, functionality, and/or business processes	Number	2 - Strategic and Business Results				Over target	Monthly		

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
23702	206074	0.000000	07/25/2017	
23702	206073	0.000000	06/23/2017	
23702	197623	0.000000	07/25/2017	

					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?
					23702	197622	0.000000	06/23/2017		
					23702	190619	2.000000	05/23/2017		
					23702	187204	0.000000	04/25/2017		
					23702	185666	1.000000	03/23/2017		
					23702	183841	1.000000	02/22/2017		
					23702	181863	0.000000	01/23/2017		
					23702	178671	1.000000	12/07/2016		
					23702	177201	1.000000	11/18/2016		
					23702	174049	1.000000	10/14/2016		
					23702	174048	0.000000	09/19/2016		
					23702	172425	1.000000	08/22/2016		
					23702	170092	0.000000	07/22/2016		
					23702	166604	1.000000	06/17/2016		
					23702	165749	1.000000	05/20/2016		
					23702	162986	1.000000	04/26/2016		
					23702	161514	1.000000	03/21/2016		
					23702	158979	1.000000	02/19/2016		

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?
					23702	156661	0.000000	01/25/2016		
					23702	155501	1.000000	12/18/2015		
					23702	153646	2.000000	11/18/2015		
23701	Notice of interruption to Public Access system availability within agreed upon timeframe	Percent	2 - Strategic and Business Results				Over target	Annual		

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
23701	174047	100.000000	10/06/2016	

23700	% of Proposal Data Archived	Percent	2 - Strategic and Business Results				Over target	Annual		Yes

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
23700	174046	0.000000	10/18/2016	

20081	Maintenance Cost Variance from Planned Spend	Percent	3 - Financial Performance				Under target	Semi-Annual		

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
20081	187203	9.650000	04/26/2017	
20081	174045	9.970000	10/18/2016	
20081	162985	1.090000	04/27/2016	

							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?
					20081	151197	9.040000	10/19/2015		
					20081	134117	13.460000	04/24/2015		
6213	On-time delivery of software products	Percent	1 - Customer Satisfaction (Process Results)				Over target	Semi-Annual		Yes

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
6213	89537	100.000000	04/28/2014	
6213	67151	100.000000	10/29/2013	
6213	53057	100.000000	04/22/2013	

6211	% of tickets escalated to Tier III Customer Support	Percent	1 - Customer Satisfaction (Process Results)				Under target	Semi-Annual		

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
6211	187202	9.430000	04/26/2017	
6211	174044	14.000000	10/14/2016	
6211	162984	12.000000	04/18/2016	
6211	151196	8.680000	10/15/2015	
6211	134115	5.690000	04/23/2015	
6211	110997	5.940000	10/23/2014	

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?
					6211	89535	39.310000	04/18/2014		
					6211	67149	-117.000000	10/25/2013		
					6211	53055	-3.910000	04/19/2013		
2720	Maintain % of Electronic Funds Transfer Certifications	Percent	1 - Customer Satisfaction (Process Results)				Over target	Semi-Annual		Yes

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
2720	134113	100.000000	04/24/2015	
2720	110995	100.000000	10/22/2014	
2720	89533	97.560000	04/03/2014	
2720	67147	98.830000	10/29/2013	
2720	53053	97.470000	04/25/2013	
2720	30041	100.000000	10/25/2012	
2720	11537	100.000000		

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?
2719	Reduce number of days to process customer financial transactions	Days	1 - Customer Satisfaction (Process Results)				Over target	Semi-Annual		Yes

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
2719	89531	100.000000	04/03/2014	

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?
					2719	67145	100.000000	10/25/2013		
					2719	53051	100.000000	04/18/2013		
					2719	30039	100.000000	10/25/2012		
					2719	11535	100.000000			
2718	% of electronic correspondence for Project Reports and Cost Share	Percent	1 - Customer Satisfaction (Process Results)				Over target	Monthly		Yes

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
2718	99541	100.000000	07/21/2014	
2718	96955	100.000000	06/25/2014	
2718	92197	100.000000	05/23/2014	
2718	89529	100.000000	04/25/2014	
2718	85923	100.000000	03/25/2014	
2718	80743	100.000000	02/21/2014	
2718	77825	99.990000	01/24/2014	
2718	74913	100.000000	12/27/2013	
2718	70953	100.000000	11/22/2013	

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?**
					2718	67143	100.000000	10/22/2013		
					2718	65513	100.000000	09/24/2013		
					2718	63907	100.000000	08/25/2013		
					2718	61113	99.990000	07/24/2013		
					2718	58499	100.000000	06/20/2013		
					2718	57133	100.000000	05/20/2013		
					2718	53049	100.000000	04/23/2013		
					2718	48493	100.000000	03/22/2013		
					2718	44567	100.000000	02/25/2013		
					2718	41619	100.000000	01/29/2013		
					2718	37731	100.000000	12/21/2012		
					2718	34379	100.000000	11/23/2012		
					2718	30037	100.000000	10/25/2012		
					2718	28993	99.990000	09/27/2012		
					2718	24311	100.000000			
					2718	21267	99.980000			
					2718	18223	100.000000			

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

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?	
					2718	14707	99.990000				
					2718	11533	99.970000				
					2718	3137	99.970000				
2717	% of Recommendation of Awards processed electronically in EJacket	Percent	1 - Customer Satisfaction (Process Results)				Over target	Monthly		Yes	

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
2717	148363	100.000000	08/27/2015	
2717	145633	100.000000	07/24/2015	
2717	141463	100.000000	06/23/2015	
2717	137557	100.000000	05/20/2015	
2717	134111	100.000000	04/24/2015	
2717	130031	100.000000	03/20/2015	
2717	125941	100.000000	02/23/2015	
2717	120277	100.000000	01/21/2015	
2717	117575	100.000000	12/19/2014	
2717	113859	100.000000	11/24/2014	

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?
					2717	110993	100.000000	10/22/2014		
					2717	110991	100.000000	09/20/2014		
					2717	102301	100.000000	08/25/2014		
					2717	99539	100.000000	07/21/2014		
					2717	96953	100.000000	06/25/2014		
					2717	92195	100.000000	05/23/2014		
					2717	89527	100.000000	04/25/2014		
					2717	85921	100.000000	03/25/2014		
					2717	80741	100.000000	02/21/2014		
					2717	77823	99.990000	01/24/2014		
					2717	74911	100.000000	12/27/2013		
					2717	70951	100.000000	11/22/2013		
					2717	67141	100.000000	10/22/2013		
					2717	65511	100.000000	09/24/2013		
					2717	63905	100.000000	08/25/2013		
					2717	61112	99.990000	07/24/2013		
					2717	58498	100.000000	06/20/2013		

									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?
					2717	57131	100.000000	05/20/2013		
					2717	53047	100.000000	04/23/2013		
					2717	48491	100.000000	03/22/2013		
					2717	44565	100.000000	02/25/2013		
					2717	41617	100.000000	01/29/2013		
					2717	37729	100.000000	12/21/2012		
					2717	34377	100.000000	11/23/2012		
					2717	30035	100.000000	10/25/2012		
					2717	28991	99.990000	09/27/2012		
					2717	24309	100.000000			
					2717	21265	99.980000			
					2717	18221	100.000000			
					2717	14705	99.990000			
					2717	11531	99.970000			
					2717	3135	99.970000			
2716	Improve percentage of 6 month time-to-decision for	Months	2 - Strategic and Business Results				Over target	Semi-Annual		Yes

				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?
	proposals									

Metric ID	Actual Result ID	Actual Result	Date of Actual Result	Comment
2716	134109	100.000000	04/17/2015	
2716	110989	100.000000	10/22/2014	
2716	89525	100.000000	04/03/2014	
2716	67139	100.000000	10/29/2013	
2716	53045	100.000000	04/18/2013	
2716	30033	100.000000	10/25/2012	
2716	11529	100.000000		