Exhibit 300: Capital Asset Summary

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

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2013-04-30
Investment Auto Submission Date: 2013-03-27
Date of Last Investment Detail Update: 2012-09-12
Date of Last Exhibit 300A Update: 2013-03-28
Date of Last Revision: 2013-04-30

Agency: 393 - National Archives and Records Administration **Bureau:** 00 - Agency-Wide Activity

1. Name of this Investment: IT Infrastructure

2. Unique Investment Identifier (UII): 393-000000008

Section B: Investment Detail

1. **Briefly describe the investment's purpose, goals, and current or anticipated benefits (quantitative and/or qualitative). Include the investment's specific contribution to mission delivery or agency management support functions and identify key customers, stakeholders, and other beneficiaries.**

The purpose of the IT Infrastructure Operations and Maintenance investment is to continue to keep pace with increases in computer interconnectivity, especially in the use of the Internet, that continue to revolutionize the way our Government, our nation, and the world communicate and conduct business. NARA is evaluating its portfolio to identify wasteful, duplicative or low-value investments. The approach will leverage a strategy for containing, sustaining, replacing, or retiring IT systems. Our long term strategy will include consolidation, virtualization, and moving portfolio systems and infrastructure to the cloud. Additionally, as systems are developed, virtualization will be considered to further reduce the IT footprint. NARA continues to leverage government wide initiatives such as Networx to minimize increases necessitated by our customers who expect information and services to be available when they need them. NARA is using cloud and shared services to the maximum extent possible and when appropriate. However, NARA recognizes that widespread interconnectivity poses significant risks to the Governments computer systems and the critical operations they support. The speed and accessibility, as well as the other enormous benefits of the computer age, if not properly controlled, allow individuals and organizations to interfere with critical operations for mischievous or malicious purposes. To that end, NARA has migrated and reduced down to two Trusted Internet Connections (TICs) to promote the ever-increasing need for reliable performance and security of our public network applications. Successful implementation and deployment of many NARA initiatives, including ERA, HMS, and ARCIS, is even more dependent upon a robust, reliable, stable, scalable, and high performance technology infrastructure.

2. **Briefly describe how the investment contributes to the agency target EA and its role in the Enterprise Roadmap. Include a description of how the investment includes or will achieve programmatic or technical innovation.**
NARA s IT Infrastructure project provides the technology base for systems supporting multiple BTP initiatives and Federally mandated initiatives, The Infrastructure program prioritizes infrastructure projects based on business needs. For Example, the Infrastructure s Enterprise Storage Management project supports the BTP Digitization Initiative, the ARC and DAS system support for the Description and Reference initiative, as well as the BTP initiative, the Continuity and Emergency Preparedness . The IT Infrastructure project, Next Generation NARANET, supports NARA compliance with OMB Memo M-05-11 (IPv6), OMB Memos M-08-05 and M-08-27 (Trusted Internet Connectivity, or TIC), OMB Memo M-08-23 (DNSSEC), OMB Memo M-11-11 (HSPD-12), as well as the NARA Enterprise Architecture required by OMB.

3. **Provide the investment's currently projected return on investment (ROI) percentage, as documented in the most recent alternatives analysis, and the date that it was established.**

   a. **Current ROI:**

   b. **Date of Current ROI:**

4. **In the section below, indicate if the investment in whole or in part specifically addresses any of the following types of requirements.**

   Note: Where "Yes" is indicated, provide a brief description of the requirement and how the investment will meet the requirement. Include citations within descriptions, if available. Provide any URLs associated with each requirement. If citing the Agency Performance Plan, provide the applicable "PRM" code from Performance.gov.

   a. **Legislative Mandate:**
   Required By: YES
   Description: Clinger-Cohen Act and E-Government Act (Title III, Federal Information Security Management Act (FISMA)).
   Associated URLs:
   http://www.cio.gov/Documents/it_management_reform_act_Feb_1996.html, http://csrc.nist.gov/drivers/documents/FISMA-final.pdf

   b. **Outstanding Audit Finding or Material Weakness:**
   Required By: YES
   Description: Audit of 1) NARA's Work-at-Home System; 2) NARA's Change Control Process; 3) Transition to Internet Protocol Version 6; 4) NARA's Compliance with the Federal Information Security Management Act for FY 2007; 5) Evaluation of NARA's FY 2007 Management Control Plan; 6) NARA's Implementation of the Federal Desktop Core Configuration; 7) Work-at-Home System Project; and 8) GAO IT Security Audit.
   Associated URLs:

http://www.archives.gov/foia/privacy-program/privacy-impact-assessments/naranet-pia.pdf, http://www.archives.gov/oig/pdf/2009/audit-report-09-15.pdf, http://www.archives.gov/oig/pdf/2009/audit-report-09-09.pdf, http://www.archives.gov/oig/pdf/2009/audit-report-09-05.pdf, http://www.archives.gov/oig/pdf/2008/audit-report-08-05.pdf, http://www.archives.gov/oig/pdf/2008/audit-report-08-06.pdf, http://www.archives.gov/oig/pdf/2008/audit-report-08-10.pdf

c. **Published Agency Strategic Plan/Annual Performance Plan:**
Required By: YES
Description: Preserving the Past to Protect the Future, The Strategic Plan of the National Archives and Records Administration, 2006-2016 (revised 2009) - Strategic Goal 6: We will equip NARA to meet the changing needs of our customers.
Associated URLs:
http://www.archhives.gov/about/plans-reports/strategic-plan/
PRM Codes:
393-000-000

d. **Presidential Direction:**
Required By: NO
Description:
Associated URLs:

e. **Other Requirement:**
Required By: NO
Description:
Associated URLs:

5. **Provide a description of the investment's progress and accomplishments in the PY, including the investment's overall performance against baseline goals, targets, significant milestones, or performance measures, and any corrective actions taken to address performance deficiencies.**
2012 Accomplishments: DNS/DNSSEC to CenturyLink implementation (i.e., NARA s A-Zone is signed via DNSSEC and is provisioned as a service via CenturyLink), enabled public facing servers and services to operationally use native IPv6, designed NARA's IPv6 address space, developed transition strategy for full migration to IPv6, migrated to TIC 2.0 (NARA s Internet gateway routes all traffic through the CenturyLink TIC 2.0 infrastructure), began provisioning for failover capability for Internet access via NARANET, majority of desktop and laptops are upgrade to the Window 7 operation system (or XP SP3), and completed trade Study to define the best-fit tools for enteprise IT Monitoring System.

6. **Describe the investment's objectives for the CY, BY, and budget out years, if available, including specific accomplishments to achieve, realize, or continue to achieve the benefits cited in question B.1. above.**
2013 & 2014 Planned Accomplishments: Pilot and deploy HSPD-12 logical access, complete upgrade of desktop OS to supported platform, expand storage to include additional redundancy, develop an engineering design to address the requirements for enterprise monitoring and begin deployment, migrate electronic mail to the cloud, continue server

virtualization, deploy upgrade all client applications that communicate with public internet servers and supporting enterprise networks to operationally use native IPv6, and expand research wireless to selected Presidential Libraries and Records Centers.

7. **If this investment will result in the elimination or the reduction of another investment(s), please complete the following:**

Table I.B.1 Affected Investment Information

Investment UII	Status
NONE	

8. **Does this investment include the following?**

   a. **A shared service (intra-or inter-agency—current and/or planned):** YES

   b. **A data center (current and/or planned):** YES

   c. **PIV-enabled systems (per HSPD-12) (all systems currently PIV-enabled):** NO

   d. **Cloud computing (current and/or planned):** YES

   e. **APIs (application programming interfaces) consistent with the Digital Government Strategy:** NO

9. **Provide any URLs related to the investment and indicate how they are related. Identify each URL's relationship to the investment (if applicable).**

Table I.B.2 URL's Related to the Investment

URL	A. Provides publicly accessible datasets produced by this investment.	B. Provides a publicly accessible API to provide access to data from this investment.	C. Links to social media about this investment.	D. Provides general information about this investment.	E. Provides general information about the business process or program served by this investment but not the investment itself.
http://www.archives.gov/					X

10. **Provide the date of the investment or IPT charter establishing the required IPT.** 2008-08-14

Section C: Life Cycle Costs

1. **Provide the cost summary for the investment.**

Table I.C.1 Life Cycle Costs

	PY-1 & Prior	PY 2012	CY 2013	BY 2014
Planning Costs:	$0.0	$0.0	$0.0	$0.0
DME (Excluding Planning) Costs:	$0.0	$0.0	$0.0	$0.0
DME (Including Planning) Govt. FTEs:	$0.0	$0.0	$0.0	$0.0
Sub-Total DME (Including Govt. FTE):	0	0	0	0
O & M Costs:	$275.7	$33.5	$28.6	$26.8
O & M Govt. FTEs:	$27.0	$3.8	$3.8	$3.8
Sub-Total O & M Costs (Including Govt. FTE):	$302.7	$37.3	$32.4	0
Total Cost (Including Govt. FTE):	$302.7	$37.3	$32.4	0
Total Govt. FTE costs:	$27.0	$3.8	$3.8	0
# of FTE rep by costs:	255	26	26	26
Total change from prior year final President's Budget ($)		$3.7		
Total change from prior year final President's Budget (%)		11.00%	-1.20%	

2.

a. **In which year did or will this investment begin? (specify year - e.g., PY-1= 2011)**
2002

b. **In which year will this investment reach the end of its estimated useful life? (specify year - e.g., BY+5 = 2019)**
2017

3. **If the funding levels have changed from the FY 2013 President's Budget request for PY or CY, briefly explain those changes:**

The increase is to implement email to the cloud.

Section D: Acquisition/Contract Strategy (All Capital Assets)

1. **Provide all prime contracts (or task orders) for awarded or open solicitations for the investment.**

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Modular Approaches/ Contracting	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	EVM Required
Awarded	8800	NAMA-09-F-0015	N	GS-35F-5901H	4730	NAMA-09-Q-0001	N
Awarded	8800	NAMA-10-M-0047	N			NAMA-10-Q-0058	N
Awarded	8800	NAMA-09-D-0008	N				N
Awarded	8800	NAMA-12-F-0105	N	GS-35F-0296R	4730		N
Awarded	8800	NAMA-12-F-0182	N	GS-35F-0343J	4730		N

2. **If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:**

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2013-04-30

Section B: Project Plan and Execution Data

Table II.B.1 Projects

Project ID	Project Name	Objectives/Expected Outcomes	Project Start Date	Project Completion Date	Project Lifecycle Cost ($M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance ($M)	Cost Variance (%)
1	MPLS and TIC Bandwidth Upgrade	Upgrade MPLS and TIC Bandwidth based on increased demand.	2011-10-01	2014-09-30	$0.5	0	0	$0.1	15.33%
2	IT System Certification and Accreditation (C and A)	Certify NARA FISMA reported systems.	2011-10-01	2014-09-30	$3.0	0	0	$-0.0	-0.03%
3	Continuous Technology Refresh	Upgrade Desktops, Printers and Servers.	2011-10-01	2014-09-30	$3.9	0	0	$0.4	9.76%
4	Email to the Cloud	Migrate Email to Cloud Provider.	2012-10-01	2013-09-30	$1.9	0	0	$0.0	1.51%

Key Deliverables

Project ID	Activity Name	Activity Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
2	1Q12 IT System C and A's	1Q12 IT System C and A.	2011-12-31	2011-12-31	2011-12-31	91	0	0.00%
2	2Q12 IT System C and A's	2Q12 IT System C and A.	2012-03-31	2012-03-31	2012-03-31	90	0	0.00%

Key Deliverables								
Project ID	Activity Name	Activity Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
1	2012 MPLS and TIC Bandwidth Utilization Projection and Analysis	Assess current and future bandwidth requirements.	2012-03-31	2012-03-31	2012-03-27	182	4	2.20%
1	Management review and approval	Develop and circulate recommendation.	2012-05-31	2012-05-31	2012-06-30	60	-30	-50.00%
2	3Q12 IT System C and A's	3Q12 IT System C and A.	2012-06-30	2012-06-30	2012-06-30	90	0	0.00%
1	Submit orders for additional MPLS and TIC Bandwidth to Vendor.	Submit Orders.	2012-06-30	2012-06-30	2012-06-30	29	0	0.00%
2	4Q12 IT System C and A's	4Q12 IT System C and A.	2012-09-30	2012-09-30	2012-09-30	91	0	0.00%
2	1Q13 IT System C and A's	1Q13 IT System C and A.	2012-12-31	2012-12-31	2012-12-31	91	0	0.00%
1	1H13 MPLS and TIC Bandwidth Utilization Projection and Analysis	1H13 Analysis and Management Review	2013-03-31	2013-03-31	2013-03-22	181	9	4.97%
2	2Q13 IT System C and A's	2Q13 IT System C and A.	2013-03-31	2013-03-31	2013-03-22	89	9	10.11%
4	Email to the Cloud Activity 1	Requirements, Design and Development	2013-03-31	2013-03-31	2013-01-22	181	68	37.57%
2	3Q13 IT System C and A's	3Q13 IT System C and A.	2013-06-30	2013-06-30		90	0	0.00%
1	2H13 MPLS and TIC Bandwidth Utilization Projection and Analysis	2H13 Analysis and Management Review	2013-09-30	2013-09-30		182	0	0.00%
4	Email to the Cloud Activity 2	Deployment	2013-09-30	2013-09-30		182	0	0.00%

Section C: Operational Data

Table II.C.1A/B Performance Metrics and Actuals

Metric ID	Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	2012 Target	2013 Target	Measurement Condition	Reporting Frequency	Agency Strategic Goals / Agency Objective
5081	% NARANET Approved request for changes implemented on time	%	213 - Technology - Efficiency	90.000000	90.000000	Over target	Monthly	

Actual Result ID	Actual Result	Actual Result Met/Not Met	Comment	Date of Actual Result
53113	96.000000	Met		2013-04-29
48277	100.000000	Met		2013-03-22
41815	76.000000	Not Met		2013-01-30
35615	95.000000	Met		2012-12-18
34127	95.000000	Met		2012-10-31
30511	95.000000	Met		2012-10-31

5079	% NARANET hardware inventory is accurate	%	103 - Mission and Business Results - Management of Government Resources	95.000000	95.000000	Over target	Annual	393-000-000

Actual Result ID	Actual Result	Actual Result Met/Not Met	Comment	Date of Actual Result
48275	99.180000	Met		2013-03-22

				41813	99.180000	Met		2013-01-30
				35613	99.600000	Met		2012-12-18
				34119	99.600000	Met		2012-10-31
				30503	99.600000	Met		2012-10-31
5077	% Trusted Internet Connection Available	%	215 - Technology - Reliability and Availability	99.500000	99.500000	Over target	Monthly	
				Actual Result ID	Actual Result	Actual Result Met/Not Met	Comment	Date of Actual Result
				53115	98.380000	Not Met		2013-04-29
				48273	99.970000	Met		2013-03-21
				41811	99.900000	Met		2013-01-30
				35619	99.820000	Met		2012-12-18
				34121	99.820000	Met		2012-10-31
				30507	99.820000	Met		2012-10-31
462	Helpdesk initial response time within 4 hours.	%	203 - Process and Activities - Cycle Time and Timeliness	90.000000	90.000000	Over target	Monthly	
				Actual Result ID	Actual Result	Actual Result Met/Not Met	Comment	Date of Actual Result
				53117	99.950000	Met		2013-04-29

				48271	99.910000	Met		2013-03-22	
				41809	99.030000	Met		2013-01-30	
				35617	99.300000	Met		2012-12-18	
				34123	99.300000	Met		2012-10-31	
				30505	99.300000	Met		2012-10-31	
				24373	98.870000	Met			
				17887	98.790000	Met			
				14339	99.200000	Met			
				2113	97.850000	Met			
458	Staff satisfaction with NARA internal IT help desk.	%	111 - Customer Results - Customer Benefit	90.000000	90.000000	Over target	Monthly		

Actual Result ID	Actual Result	Actual Result Met/Not Met	Comment	Date of Actual Result
53119	93.000000	Met		2013-04-29
48269	92.700000	Met		2013-03-21
41807	87.460000	Not Met		2013-01-30

35621	85.000000	Not Met		2012-12-18
34125	85.000000	Not Met		2012-10-31
30509	85.000000	Not Met		2012-10-31
24365	82.110000	Not Met		
20249	81.660000	Not Met		
17879	81.000000	Not Met		
14331	79.970000	Not Met		
2105	79.100000	Not Met		