

Electronic Records Archive (ERA)

Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification

Section A: Overview

1. Date of submission: **Dec 14, 2006**
2. Agency: **393**
3. Bureau: **00**
4. Name of this Capital Asset: **Electronic Records Archive (ERA)**
5. Unique Project (Investment) Identifier: **393-00-01-03-01-0001-00**
6. What kind of investment will this be in FY2008? **Mixed Life Cycle**
7. What was the first budget year this investment was submitted to OMB? **FY2002**
8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap: **NARA's mission, to preserve the records created by our nation's government, must address the electronic records being created in e-government. In the next three years, an unprecedented volume of electronic records will be ready for transfer to NARA including approximately 50 terabytes of records from the George W. Bush Administration. NARA must have the capability to deal with the increasing volume and complexity of these electronic records. At the end of the George W. Bush administration legal custody of Bush Presidential records, including electronic records, will transfer to NARA. NARA will immediately need the ability to respond to time-sensitive and often high-visibility special access requests for these records. Such special access requests come from former and incumbent Presidents, the Courts, and Congress. The presidential and federal EOP electronic records are complex and varied in format - text documents, often with imbedded documents or active links to the Internet, e-mail, many with attachments, web pages with imagery and links, digital images, videotapes, maps, spreadsheets, presentations, audio files, charts, drawings, databases, and satellite imagery. NARA must ensure the right technologies and procedures are in place to accept, appropriately process and preserve some of America's most historically significant, and often highly classified, electronic records from the George W. Bush Presidency. The ongoing development of ERA is critical to ensure that essential government information survives and remains available. By the beginning of 2008, ERA will have the capability to accept, securely store and provide basic preservation, search, and retrieval capability for Unclassified and Sensitive But Unclassified (U/SBU) records from NARA's existing holdings and other agencies, starting with the Bureau of Labor Statistics, National Nuclear Security Administration, Naval Oceanographic Office, and the Patent and Trademark Office. In FY 2008, our 7 year build-up to full implementation of ERA**

will focus on ensuring that NARA is able to ingest and store the increased volume of electronic records, and establish a parallel ERA system certified for processing, storing and providing search/retrieval capabilities for TOP SECRET/Special Compartmented Information required to meet special access requests in accordance with Presidential Records Act and national security classified records requirements.

9. Did the Agency's Executive/Investment Committee approve this request? **yes**

a. If "yes," what was the date of this approval? **Aug 28, 2006**

10. Did the Project Manager review this Exhibit? **yes**

11. Contact information of Project Manager?

Name **Dawn Hughes**

Phone Number **301-837-2942**

E-mail **Dawn.Hughes@nara.gov**

12. Has the agency developed and/or promoted cost effective, energy efficient and environmentally sustainable techniques or practices for this project. **yes**

a. Will this investment include electronic assets (including computers)? **yes**

b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only) **no**

1. If "yes," is an ESPC or UESC being used to help fund this investment?
[Not answered]

2. If "yes," will this investment meet sustainable design principles? **[Not answered]**

3. If "yes," is it designed to be 30% more energy efficient than relevant code? **[Not answered]**

13. Does this investment directly support one of the PMA initiatives? **yes**

Expanded E-Government

Competitive Sourcing

a. Briefly describe how this asset directly supports the identified initiative(s)?
Expanded Government: ERA will enable the electronic transfer of records from agencies, submission of transfer documents and records schedules and will support storing, preserving, ensuring authenticity, and providing access to information. Competitive Sourcing: ERA conducted a fair and open competitive solicitation. ERA is also using private sector sources for facilities management, IV and V, and Program Management Office support.

14. Does this investment support a program assessment using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.) **yes**

- a. If "yes," does this investment address a weakness found during a PART review? **yes**
- b. If "yes," what is the name of the PARTed program? **Electronic Records Services Program**
- c. If "yes," what rating did the PART receive? **Results Not Demonstrated**

15. Is this investment for information technology? **yes**

For information technology investments only:

16. What is the level of the IT Project? (per CIO Council PM Guidance) **Level 3**

17. What project management qualifications does the Project Manager have? (per CIO Council PM Guidance) **(1) Project manager has been validated as qualified for this investment**

18. Is this investment identified as "high risk" on the Q4 - FY 2006 agency high risk report (per OMB's "high risk" memo)? **yes**

19. Is this a financial management system? **no**

- a. If "yes," does this investment address a FFMIA compliance area? **[Not answered]**
 - 1. If "yes," which compliance area: **[Not answered]**
 - 2. If "no," what does it address? **[Not answered]**
- b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52 **[Not answered]**

20. What is the percentage breakout for the total FY2008 funding request for the following?

Hardware **8**

Software **16**

Services **64**

Other **12**

21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities? **yes**

22. Contact information of individual responsible for privacy related questions:

Name **Gary M Stern**

Phone Number **301.837.3026**

Title **Senior Officer for Privacy**

E-mail **garym.stern@nara.gov**

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? **no**

Section B: Summary of Spending

1.

Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS)				
	PY-1 and earlier	PY 2006	CY 2007	BY 2008
Planning:	26.338	0	0	0
Acquisition:	61.83	27.902	48.666	45.054
Subtotal Planning & Acquisition:	88.168	27.902	48.666	45.054
Operations & Maintenance:	0	0	0	6.726
TOTAL:	88.168	27.902	48.666	51.78
Government FTE Costs should not be included in the amounts provided above.				
Government FTE Costs	5.943	4.2	5.634	6.247
Number of FTE represented by Costs:	50	40	44	49

2. Will this project require the agency to hire additional FTE's? **yes**
- a. If "yes", How many and in what year? **4 in FY07 and 5 in FY08**
3. If the summary of spending has changed from the FY2007 President's budget request, briefly explain those changes: **In keeping with the President's FY 2007 budget, functionality planned for FY 2007 has been shifted to FY 2008 and the out years. In addition, technical and cost assumptions about ERA facilities have been modified. ERA is currently in the process of negotiating the impact these adjustments will**

have upon the program. The baseline provided in Section C, provides a draft of the new baseline, but it will not be firmed up until the negotiation is complete. It should be noted, however, that the baseline date for Initial Operating Capability has not changed, and remains September 2007.

Section C: Acquisition/Contract Strategy

Contracts/Task Orders Table:	
Contract or Task Order Number	GSA34F-4506G/NAMA-05-F-0061
Type of Contract/Task Order	Time and Materials
Has the contract been awarded	yes
If so what is the date of the award? If not, what is the planned award date?	Jun 7, 2005
Start date of Contract/Task Order	Jun 15, 2005
End date of Contract/Task Order	Jun 14, 2012
Total Value of Contract/ Task Order (\$M)	11.336
Is this an Interagency Acquisition?	no
Is it performance based?	yes
Competitively awarded?	yes
What, if any, alternative financing option is being used?	NA
Is EVM in the contract?	no
Does the contract include the required security & privacy clauses?	yes
Name of CO	Thomas Campbell
CO Contact information	thomas.campbell@nara.gov, 301-837-1987
Contracting Officer Certification Level	3

If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition?	[Not answered]
Contract or Task Order Number	NAMA-04-c-0007
Type of Contract/Task Order	CPAF
Has the contract been awarded	yes
If so what is the date of the award? If not, what is the planned award date?	Aug 16, 2004
Start date of Contract/Task Order	Aug 16, 2004
End date of Contract/Task Order	Sep 7, 2012
Total Value of Contract/ Task Order (\$M)	314.436
Is this an Interagency Acquisition?	no
Is it performance based?	yes
Competitively awarded?	yes
What, if any, alternative financing option is being used?	NA
Is EVM in the contract?	yes
Does the contract include the required security & privacy clauses?	yes
Name of CO	Thomas Campbell
CO Contact information	thomas.campbell@nara.gov, 301-837-1987
Contracting Officer Certification Level	3
If N/A, has the agency determined the CO assigned has the competencies and skills necessary	[Not answered]

to support this acquisition?	
Contract or Task Order Number	NYA-000
Type of Contract/Task Order	Time and Materials
Has the contract been awarded	no
If so what is the date of the award? If not, what is the planned award date?	Dec 31, 2006
Start date of Contract/Task Order	Jan 31, 2007
End date of Contract/Task Order	Jan 31, 2012
Total Value of Contract/ Task Order (\$M)	36
Is this an Interagency Acquisition?	no
Is it performance based?	yes
Competitively awarded?	yes
What, if any, alternative financing option is being used?	NA
Is EVM in the contract?	no
Does the contract include the required security & privacy clauses?	yes
Name of CO	Thomas Campbell
CO Contact information	thomas.campbell@nara.gov, 301-837-1987
Contracting Officer Certification Level	3
If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition?	[Not answered]
Contract or Task Order Number	NAMA-05-I-0026

Type of Contract/Task Order	IAA
Has the contract been awarded	yes
If so what is the date of the award? If not, what is the planned award date?	Jul 31, 2006
Start date of Contract/Task Order	Jul 31, 2006
End date of Contract/Task Order	Jul 31, 2009
Total Value of Contract/ Task Order (\$M)	3.989
Is this an Interagency Acquisition?	yes
Is it performance based?	no
Competitively awarded?	no
What, if any, alternative financing option is being used?	NA
Is EVM in the contract?	no
Does the contract include the required security & privacy clauses?	no
Name of CO	Laverne Fields
CO Contact information	laverne.fields@nara.gov, 301-837-3063
Contracting Officer Certification Level	2
If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition?	[Not answered]
Contract or Task Order Number	NAMA-06-I-0016
Type of Contract/Task Order	IAA/MOU

Has the contract been awarded	yes
If so what is the date of the award? If not, what is the planned award date?	Mar 14, 2006
Start date of Contract/Task Order	Mar 14, 2006
End date of Contract/Task Order	Sep 30, 2010
Total Value of Contract/ Task Order (\$M)	2.097
Is this an Interagency Acquisition?	yes
Is it performance based?	no
Competitively awarded?	no
What, if any, alternative financing option is being used?	NA
Is EVM in the contract?	no
Does the contract include the required security & privacy clauses?	no
Name of CO	Laverne Fields
CO Contact information	laverne.fields@nara.gov, 301-837-3063
Contracting Officer Certification Level	2
If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition?	[Not answered]
Contract or Task Order Number	NAMA-05-I-0022
Type of Contract/Task Order	IAA
Has the contract been awarded	yes

If so what is the date of the award? If not, what is the planned award date?	Jun 23, 2005
Start date of Contract/Task Order	Jun 23, 2005
End date of Contract/Task Order	Dec 31, 2009
Total Value of Contract/ Task Order (\$M)	1.898
Is this an Interagency Acquisition?	yes
Is it performance based?	no
Competitively awarded?	no
What, if any, alternative financing option is being used?	NA
Is EVM in the contract?	no
Does the contract include the required security & privacy clauses?	no
Name of CO	Laverne Fields
CO Contact information	laverne.fields@nara.gov, 301-837-3063
Contracting Officer Certification Level	2
If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition?	[Not answered]
Contract or Task Order Number	NAMA-04-I-0022
Type of Contract/Task Order	IAA
Has the contract been awarded	yes
If so what is the date of the award? If not, what is the planned	Jun 9, 2004

award date?	
Start date of Contract/Task Order	Jun 9, 2004
End date of Contract/Task Order	Sep 30, 2007
Total Value of Contract/ Task Order (\$M)	7.499
Is this an Interagency Acquisition?	yes
Is it performance based?	no
Competitively awarded?	no
What, if any, alternative financing option is being used?	NA
Is EVM in the contract?	no
Does the contract include the required security & privacy clauses?	no
Name of CO	Laverne Fields
CO Contact information	laverne.fields@nara.gov, 301-837-3063
Contracting Officer Certification Level	2
If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition?	[Not answered]

1. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why: **Earned Value is required for the ERA Development Contract (NAMA-04-c-0007) and will be for the Program Office Support Contract (NYA-000). While Earned Value is not a contractual requirement for GSA-34F-4506G/NAMA-05-F-0061, an Integrated Schedule and EVM report requirements have been incorporated into the Task Order Management Plan that has been accepted by the Government and binds the contractor to the requirement. The other contracts listed in the table above are Inter Agency Agreements and do not require EVM reporting.**
2. Do the contracts ensure Section 508 compliance? **yes**

- a. Explain why: **NARA specifies Section 508 compliance in all contracts to ensure that assistive technology, devices, and services are available to all NARA employees and members of the public with disabilities who use IT equipment in NARA facilities. Contractors are required to design, develop, implement, maintain and upgrade all technologies to demonstrate full compliance with all existing accessibility legislation. This requirement is in Section J Attachment 2 _ ERA RD of the ERA Development contract.**
3. Is there an acquisition plan which has been approved in accordance with agency requirements? **yes**
- a. If "yes," what is the date? **Jan 12, 2005**
- b. If "no," will an acquisition plan be developed? **[Not answered]**
1. If "no," briefly explain why: **[Not answered]**

Section D: Performance Information

Performance Information Table 1:					
Fiscal Year	Strategic Goal(s) Supported	Performance Measure	Actual/baseline (from Previous Year)	Planned performance Metric (Target)	Performance Metric Results (Actual)
2003	Records Management	Median time to process records schedule items	470 days	155 days	Exceeded goal.
2003	Access	Percentage of NARA archival records holdings described at the series or collection level in an online catalog.	19.1%	19.1%	Did not achieve goal. New system to support descriptions not fully deployed until fourth quarter of FY 2003.
2003	Preservation	Percentage of NARA's electronic holdings that are preserved and accessible, regardless of	98%	97%	Nearly achieved goal.

		their original format.			
2004	Records Management	Median time to process records schedule items.	470	763	Will not achieve goal.
2004	Access	Percentage of NARA archival records holdings described at the series or collection level in an online catalog.	19.1%	40.7% traditional, 40% artifacts, 40.7 electronic (As of July 12, 2005)	Exceeded goal
2004	Preservation	Percentage of NARA's electronic holdings stabilized in preparation for transfer to the Electronic Records Archives.	98%	96.9% (As of July 12, 2005)	Did not meet goal
2004	By 2008, the per megabyte cost of managing archival electronic records through ERA decreases each year (2003 SP 2.5)	ERA Development Proceeds on Schedule and Within Budget	Concept Exploration Phase Initiated	Conduct Concept Analysis	Completed within budget and schedule
2004	By 2008, the per megabyte cost of managing archival electronic records through ERA decreases each year (2003 SP 2.5)	ERA Development Proceeds on Schedule and Within Budget	Concept Exploration Phase Initiated	Issue Development RFP	Completed

2004	By 2008, the per megabyte cost of managing archival electronic records through ERA decreases each year (2003 SP 2.5)	ERA Development Proceeds on Schedule and Within Budget	Concept Exploration Phase Initiated	Award to two vendors one year, fixed price Systems Analysis and Design Contracts	Completed without protest
2004	By 2008, the median time from the transfer of electronic records to NARA until they are available for access is 35 days or less. (2003 SP 2.4)	Median time from the transfer of archival electronic records to NARA until they are available for access	470 days	250 days	763 days
2004	By 2008, the per megabyte cost of managing archival electronic records through ERA decreases each year (2003 SP 2.5)	ERA Development Proceeds on Schedule and Within Budget	Concept Exploration Phase Initiated	Concept Exploration Phase Completed	All exit criteria met and phase completed.

Performance Information Table 2:

Fiscal Year	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results

2005	Mission and Business Results	Central Records and Statistics Management	ERA Development Proceeds on Schedule and Within Budget (2003 SP 2.5)	ERA Systems Analysis and Design Phase entered	Complete Harris Prototype Evaluation	Completed June 14, 2005
2005	Mission and Business Results	Central Records and Statistics Management	ERA Development Proceeds on Schedule and Within Budget (2003 SP 2.5)	ERA Systems Analysis and Design Phase entered	Complete Lockheed Martin Prototype Evaluation	Completed June 9, 2005
2005	Technology	Operations and Maintenance Costs	Total archival electronic records management costs per megabyte (2003 SP 2.5)	System Analysis and Design Phase is underway	Award Increment One	Contract Awarded September 8, 2005. (\$0.72 per megabyte)
2006	Mission and Business Results	Central Records and Statistics Management	ERA Development Proceeds on Schedule and Within Budget (2003 SP 2.5)	System Design and prototypes are completed	Requirements are allocated to Increment 1 based on available resources	Integrated Plan, Integrated Schedule and Work Breakdown structure are baselined to requirements allocated to Increment 1
2006	Mission and Business Results	Security	ERA Development Proceeds on Schedule and Within Budget (2003	ERA Increment One Development has been initiated	Security architecture and infrastructure are established. This includes system security and National	Security architecture for USBU has been completed.

			SP 2.5)		Sensitive But Unclassified (SBU) level security.	
2006	Processes and Activities	Cycle Time	Median time (in calendar days) from the transfer of archival electronic records to NARA until they are available for access by authorized users (2003 SP 2.4)	470 days	250 days	241 days through July 31, 2006
2006	Customer Results	Customer Satisfaction	Percentage of Federal Agencies satisfied with NARA scheduling and appraisal services (2003 SP 1.3)	57%	10% increase	TBD
2006	Technology	Operations and Maintenance Costs	Average decrease in archival electronic records management costs per gigabyte per year (Related measure in 2006 SP 3.3)	\$0.72	TBD	TBD
2007	Mission and Business Results	Central Records and Statistics Management	% of accessions that are received by NARA within	3.61% (through July 31, 2006)	3.61%	[Not answered]

			12 months of the date scheduled (2006 SP 2.1)			
2007	Customer Results	Innovation and Improvement	Percentage of unrestricted electronic records available to the public online (2006 SP 3.1)	TBD	TBD	[Not answered]
2007	Customer Results	Customer Satisfaction	Percentage increase in the number of Federal Agency customers that are highly satisfied with NARA's records management services (2006 SP 1.2)	57% in FY05	10% increase	[Not answered]
2007	Technology	Operations and Maintenance Costs	Average decrease in archival electronic records management costs per gigabyte per year (2006 SP 3.3)	TBD	TBD	[Not answered]
2007	Technology	IT Composition	ERA Development Proceeds on Schedule and Within Budget	Systems Analysis and Design (SAD) Phase Completed and Development Phase	Install ERA Increment 1 at operation site	[Not answered]

				Initiated		
2007	Processes and Activities	Innovation and Improvement	ERA Development Proceeds on Schedule and Within Budget	Integration Plan, Integrated Schedule and Work Breakdown Structure are baseline to requirements allocated to Inc. 1	Increment 1 Releases 1 and 2 developed, validated, tested and deployed in accordance with the baseline.	[Not answered]
2008	Technology	IT Composition	ERA Development Proceeds on Schedule and Within Budget	Increment 1 Release 1 and 2 are operational	Increment 1 Release 3 is developed, validated and deployed	[Not answered]
2008	Processes and Activities	Security	ERA Development Proceeds on Schedule and Within Budget	USBU Security design and features have been implemented	National Security System requirements for Increment 2, Release 1 are defined, developed, validated and deployed	[Not answered]
2008	Processes and Activities	Innovation and Improvement	Percent increase each year of records schedule items which provide for transfer of electronic records to NARA providing for enhanced or persistent preservation	TBD	Establish baseline	[Not answered]

2008	Technology	Productivity	Percentage of unrestricted electronic records available to the public online (2006 SP 3.1)	TBD	TBD	[Not answered]
2008	Customer Results	Customer Satisfaction	Increase per year in percentage of customers satisfied with ERA (2006 SP 1.2)	TBD	Establish baseline	[Not answered]
2008	Mission and Business Results	Central Records and Statistics Management	Percentage of accessions that are received by NARA within 12 months of the data scheduled (2006 SP 2.1)	TBD	TBD	[Not answered]
2008	Technology	Operations and Maintenance Costs	Average decrease in archival electronic records management costs per gigabyte per year (2006 SP 3.3)	TBD	TBD	[Not answered]
2008	Mission and Business Results	Central Records and Statistics Management	Percentage of accessions that are received by NARA within 12 months of the date scheduled	3.61% (through July 31, 2006)	3.61%	[Not answered]

			(2006 SP 2.1)			
2008	Mission and Business Results	Central Records and Statistics Management	Percentage of accessions that are received by NARA within 12 months of the date scheduled (2006 SP 2.1)	3.61% (through July 31, 2006)	3.61%	[Not answered]
2008	Processes and Activities	Cycle Time	Median time (in calendar days) from the transfer of archival electronic records to NARA until they are available for access by authorized users (2003 SP 2.4)	Baseline	Set Target based on baseline	[Not answered]
2008	Processes and Activities	Cycle Time	Percent reductions each year in average time to process accessions of electronic records in NARA's legal custody	Baseline	10%	[Not answered]
2008	Mission and Business Results	Central Records and Statistics Management	Percentage increase each year in records schedule items submitted, appraised and approved	TBD	Establish baseline	[Not answered]

			using ERA (2006 SP 2.1)			
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Section E: Security and Privacy

1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment: **yes**
 - a. If "yes," provide the "Percentage IT Security" for the budget year: **3**
2. Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment. **yes**

3. Systems in Planning - Security Table:			
Name of System	Agency/ or Contractor Operated System?	Planned Operational Date	Planned or Actual C&A Completion Date

4. Operational Systems - Security Table:							
Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level	Has C&A been Completed, using NIST 800-37?	Date C&A Complete	What standards were used for the Security Controls tests?	Date Complete(d): Security Control Testing	Date the contingency plan tested

5. Have any weaknesses, not yet remediate, related to any of the systems part of or supporting this investment been identified by the agency or IG? **no**
 - a. If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone process? **[Not answered]**
6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses? **no**
 - a. If "yes," specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness. **[Not answered]**
7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above? **[Not answered]**

8. Planning & Operational Systems - Privacy Table:					
Name of System	Is this a new system?	Is there a Privacy Impact Assessment (PIA) that covers this system?	Is the PIA available to the public?	Is a System of Records Notice (SORN) required for this system?	Was a new or amended SORN published in FY 06?
ERA	yes	1. Yes.	1. Yes.	no	5. No, because the system is not a Privacy Act system of records.
RCPOS	yes	2. No.	2. No, because a PIA is not yet required to be completed at this time.	no	5. No, because the system is not a Privacy Act system of records.
ENOS	no	1. Yes.	1. Yes.	yes	3. No, because the existing Privacy Act system of records was not substantially revised in FY 06.
OFAS	no	1. Yes.	1. Yes.	yes	3. No, because the existing Privacy Act system of records was not substantially revised in FY 06.

Section F: Enterprise Architecture (EA)

1. Is this investment included in your agency's target enterprise architecture? **yes**
 - a. If "no," please explain why? [**Not answered**]
2. Is this investment included in the agency's EA Transition Strategy? **yes**
 - a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. **Electronic Records Archive**
 - b. If "no," please explain why? [**Not answered**]

3. Service Component Reference Model (SRM) Table :

Agency Component Name	Agency Component Description	FEA SRM Service Type	FEA SRM Component	Service Component Reused		Internal or External Reuse?	BY Funding Percentage
				Component Name	UPI		
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Knowledge Management	Information Sharing	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Document Management	Document Imaging and OCR	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Document Management	Library / Storage	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the	Document Management	Document Conversion	[Not answered]	[Not answered]	Internal	5

	Unclassified / Sensitive and a new TS/SCI version of the ERA system.						
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Document Management	Indexing	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Document Management	Classification	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Knowledge Management	Information Retrieval	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Knowledge Management	Information Sharing	[Not answered]	[Not answered]	Internal	5

	TS/SCI version of the ERA system.						
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Records Management	Digital Rights Management	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Data Management	Data Warehouse	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Data Management	Data Classification	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Search	Query	[Not answered]	[Not answered]	Internal	5

ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Collaboration	Document Library	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Security Management	Identification and Authentication	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Security Management	Access Control	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Security Management	Cryptography	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval	Security Management	Digital Signature	[Not answered]	[Not answered]	Internal	5

	features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.		Management				
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Security Management	Intrusion Prevention	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Security Management	Intrusion Detection	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Security Management	Incident Response	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Security Management	Audit Trail Capture and Analysis	[Not answered]	[Not answered]	Internal	5

	requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.						
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Security Management	Certification and Accreditation	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Security Management	FISMA Management and Reporting	[Not answered]	[Not answered]	Internal	5
ERA	Establish specialized search and retrieval features designed to meet anticipated special access requests in both the Unclassified / Sensitive and a new TS/SCI version of the ERA system.	Security Management	Virus Protection	[Not answered]	[Not answered]	Internal	5

4. Technical Reference Model (TRM) Table:				
FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification

Information Sharing	Service Access and Delivery	Access Channels	Web Browser	To Be Determined (TBD)
Information Sharing	Service Access and Delivery	Access Channels	Collaboration / Communications	TBD
Information Sharing	Service Access and Delivery	Delivery Channels	Intranet	TBD
Identification and Authentication	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	TBD
Information Sharing	Service Access and Delivery	Service Transport	Service Transport	TCP/IP
Information Sharing	Service Platform and Infrastructure	Delivery Servers	Web Servers	TBD
Information Sharing	Service Platform and Infrastructure	Delivery Servers	Portal Servers	TBD
Information Sharing	Service Platform and Infrastructure	Delivery Servers	Application Servers	TBD
Information Sharing	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	TBD
Data Warehouse	Service Platform and Infrastructure	Database / Storage	Database	TBD
Data Warehouse	Service Platform and Infrastructure	Database / Storage	Storage	TBD
Information Sharing	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	TBD
Information Sharing	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	TBD
Information Sharing	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	TBD
Certification and Accreditation	Component Framework	Security	Supporting Security Services	TBD
Digital Signature	Component	Security	Certificates / Digital	TBD

Management	Framework		Signatures	
Information Sharing	Component Framework	Business Logic	Platform Independent	TBD
Information Sharing	Component Framework	Business Logic	Platform Dependent	TBD
Information Sharing	Component Framework	Data Management	Reporting and Analysis	TBD
Information Sharing	Service Interface and Integration	Integration	Middleware	TBD
Information Sharing	Service Interface and Integration	Integration	Enterprise Application Integration	TBD

5. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)? **no**

a. If "yes," please describe. [**Not answered**]

6. Does this investment provide the public with access to a government automated information system? **yes**

a. If "yes," does customer access require specific software (e.g., a specific web browser version)? **no**

1. If "yes," provide the specific product name(s) and version number(s) of the required software and the date when the public will be able to access this investment by any software (i.e. to ensure equitable and timely access of government information and services). [**Not answered**]

Part II: Planning, Acquisition And Performance Information

Section A: Alternatives Analysis

1. Did you conduct an alternatives analysis for this project? **yes**

a. If "yes," provide the date the analysis was completed? **Aug 19, 2006**

b. If "no," what is the anticipated date this analysis will be completed? [**Not answered**]

c. If no analysis is planned, please briefly explain why: [**Not answered**]

2. Alternatives Analysis Results:

Alternative Analyzed	Description of Alternative	Risk Adjusted Lifecycle Costs estimate	Risk Adjusted Lifecycle Benefits estimate
Status Quo	Status quo _ These calculations are based on the present value of using existing systems to address Presidential and Federal Records after each Administration	688.149	0
Upgrade Existing Presidential and Federal Records Systems	These calculations are based on the present value of upgrading existing Presidential and Federal Records systems to meet requirements at the end of George W. Bush and each subsequent Administration	526.571	-35.227
Use ERA to meet requirements of Presidential and Federal records	These calculations are based on the present value of building ERA to meet requirements at end of George W. bush and each subsequent Administration.	523.997	297.711

3. Which alternative was selected by the Agency's Executive/Investment Committee and why was it chosen? **NARA has conducted an alternatives analysis to determine the most effective method to acquire and service the records of the George W. Bush administration. At the end of previous administrations, NARA has acquired electronic records on an ad hoc basis, essentially migrating systems as-is to NARA using the same technology used in the White House whenever possible. This methodology (Alternative 2) has several disadvantages: a. Each system is a unique development project with special hardware, software, project management, and documentation requirements. This can be costly and cumbersome, especially when White House systems are not well documented. b. Each system then follows the standard development lifecycle, including technology refreshment to prevent obsolescence. NARA is currently migrating existing systems of data from the Reagan, Bush, and Clinton administrations to more modern hardware and software platforms in order to extend the useful life of those systems. c. NARA must either accept the functionality of the systems as they exist at the White House, or add functionality to retrieve, compile, and distribute information from the systems to meet the statutory requirements of the Presidential Records Act. Adding functionality at best results in a piecemeal solution. For the George W. Bush administration, NARA plans to ingest the data into the new ERA system (alternative 3). This methodology has several advantages: a. The data from various systems in the White House is simply ingested into the ERA system at NARA. No special hardware, software, or system documentation is required. b. The data will not need to be migrated to new or updated systems in the future, but will remain in ERA permanently, and the data will be preserved as ERA is refreshed or enhanced. c.**

ERA is designed to meet the requirements of NARA users. Capabilities to ensure the continuing preservation, search, retrieval, and distribution of data are built into the system. No special modifications will be required to meet the statutory requirements of the Presidential Records Act. d. The ERA architecture supports both open-ended evolution, to address new requirements and take advantage of improved technologies, and extension to accommodate new types of electronic records. This will enable NARA to accept and manage electronic records from future administrations without major system modifications.

4. **What specific qualitative benefits will be realized? Alternative 3 is the one alternative that can ingest and securely store the George W. Bush electronic records immediately upon the end of the Administration rather than warehousing the records on fragile media that is subject to deterioration. Alternative 3 can handle the projected load of the George W. Bush records - 50 terabytes. This is almost twice the volume of all the current systems combined. Alternative 3 will provide automated support for the processing of the records. This capability is not present in the existing systems. The Clinton records - about 2 T - took almost 400 days to process. It will simply not be feasible to process the massive volume and complexity of the George W. Bush records without the automated workflow features of ERA. Alternative 3 will provide robust content search functions that will be critical for NARA to meet the statutory requirements of the Presidential Records Act to respond to the time sensitive special access requests from the incumbent and the former Presidents, the Congress and the Courts for these electronic records. The existing systems simply do not have the capacity to be enhanced to add such search capacities, and manual review of records for content is very costly and time consuming. All these Alternative 3 capabilities will be scalable and transferable for use within the U/SBU Instances established in Increment 1, moving the program forward towards its Final Operating Capability in 2012.**

Section B: Risk Management

1. Does the investment have a Risk Management Plan? **yes**
 - a. If "yes," what is the date of the plan? **Jul 28, 2006**
 - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? **yes**
 - c. If "yes," describe any significant changes: **The Risk Management Plan now takes into account the various levels of risk reviews conducted regarding internal ERA risks and risks associated with ERA that impact agency areas external to the program. Since the last plan, NARA has put into place an ERA Oversight Committee comprised of the NARA Senior Staff, and a NARA-wide Risk Review Board to address agency-wide risks or risks impacting multiple programs or projects.**
2. If there currently is no plan, will a plan be developed? **[Not answered]**
 - a. If "yes," what is the planned completion date? **[Not answered]**

- b. If "no," what is the strategy for managing the risks? **[Not answered]**
3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule: **For the FY 2008 budget, the ERA budget was subjected to a top down assessment of the probability of success for the second level of each work breakdown structure element using the recognized SERIM technique. The SERIM technique uses structured interviews to collect expert judgment from senior level managers on the probability of success. NARA assumed a strong correlation between the estimate of non-success and rework (e.g., increased costs). The scores were then plotted against the S curve, to take into account human psychology factors in answering subjective questions and derive a weighted score for each wbs element. The weight estimates the likelihood of success as (1-w) less than or = 1, or the likelihood of non-success as (1-w). The true cost of the project after risk adjustment was estimated as c/w, where c is the unadjusted cost. This implies that the amount by which the budget needs to be adjusted is calculated as c(1 - w)/w where w = the weight assigned by s-curve and is between 0 and 1.**

Section C: Cost and Schedule Performance

1. Does the earned value management system meet the criteria in ANSI/EIA Standard - 748? **yes**
2. Answer the following questions about current cumulative cost and schedule performance. The numbers reported below should reflect current actual information. (Per OMB requirements Cost/Schedule Performance information should include both Government and Contractor Costs):
 - a. What is the Planned Value (PV)? **101.177**
 - b. What is the Earned Value (EV)? **98.664**
 - c. What is the actual cost of work performed (AC)? **97.672**
 - d. What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)? **Contractor and Government**
 - e. "As of" date: **Jun 30, 2006**
3. What is the calculated Schedule Performance Index (SPI= EV/PV)? **0.98**
4. What is the schedule variance (SV = EV-PV)? **-2.513**
5. What is the calculated Cost Performance Index (CPI = EV/AC)? **1.01**
6. What is the cost variance (CV = EV-AC)? **0.991**
7. Is the CV% or SV% greater than $\pm 10\%$? (CV%= CV/EV x 100; SV%= SV/PV x 100) **no**
 - a. If "yes," was it the? **[Not answered]**
 - b. If "yes," explain the variance: **[Not answered]**

- c. If "yes," what corrective actions are being taken? **[Not answered]**
 - d. What is most current "Estimate at Completion"? **644.684**
8. Have any significant changes been made to the baseline during the past fiscal year? **yes**
- a. If "yes," when was it approved by OMB? **2006-09-06**

9. Comparison of Initial Baseline and Current Approved Baseline:									
Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
	Planned Completion Date	Total Cost (\$M) Estimated	Completion Date Planned/Actual		Total Cost (\$M) Planned/Actual		Schedule/Cost (# days/\$M)		
Electronic Records Archives	Sep 30, 2020	828.099	Sep 30, 2020	[Not answered]	651.231	103.475	[Not answered]	-0.019	22
1.1 Program Management (prior year baselines showed this for Increment 1 only)	Jun 1, 2007	20.654	Sep 30, 2020	[Not answered]	99.561	23.51	[Not answered]	0	22
1.2 Research (prior year baselines showed this for Increment 1 only)	May 1, 2007	12.64	Sep 30, 2020	[Not answered]	84.593	7.21	[Not answered]	0	22
1.3 Security	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	55.024	0.472	[Not answered]	-0.013	7
1.4 Concept Exploration	Jun 28, 2004	2.738	Jun 28, 2004	Aug 23, 2004	2.738	2.493	[Not answered]	0	100
1.4.1 ERA PMO Project	Mar 16, 2004	0.335	Mar 16, 2004	Aug 23, 2004	0.335	0.342	[Not answered]	0	100

Mgt Concept Exploration									
1.4.2 Organizational Change Mgt (Concept Exploration)	Jun 28, 2004	0.088	Jun 28, 2004	Aug 23, 2004	0.088	0.1	[Not answered]	0	100
1.4.3 Concept Analyses (Concept Exploration)	Feb 6, 2004	0.335	Feb 6, 2004	Jan 7, 2004	0.335	0.336	[Not answered]	0	100
1.4.4 Development Contract Request for Proposal	May 28, 2004	0.443	May 28, 2004	Aug 30, 2004	0.443	0.354	[Not answered]	0	100
1.4.5 Development Contract Source Selection	May 28, 2004	1.515	May 28, 2004	Sep 27, 2004	1.515	1.311	[Not answered]	0	100
1.4.6 CE Closeout	Jun 28, 2004	0.02	Jun 28, 2004	May 31, 2005	0.02	0.05	[Not answered]	0	100
1.5 Systems Analysis and Design	Sep 16, 2005	22.584	Sep 16, 2005	May 31, 2005	22.584	22.496	[Not answered]	0	100
1.5.1 NARA Systems and Design Harris Corporation (HC)	Jun 20, 2005	0.947	Jun 20, 2005	May 31, 2005	0.947	1.17	[Not answered]	0	100
1.5.2 NARA Systems Analysis and Design Lockheed Martin (LMC)	Jun 15, 2005	0.994	Jun 15, 2005	May 31, 2005	0.994	0.991	[Not answered]	0	100
1.5.3 HC	Jun 15, 2005	10.564	Jun 15,	May 31,	10.564	10.514	[Not	0	100

Systems Analysis and Design			2005	2005			answered]		
1.5.4 LMC Systems Analysis and Design	Jun 9, 2005	9.512	Jun 9, 2005	May 31, 2005	9.512	9.386	[Not answered]	0	100
1.5.5 ERA Systems Analysis and Design Down select	Jul 15, 2005	0.534	Jul 15, 2005	May 31, 2005	0.534	0.404	[Not answered]	0	100
1.5.6 NARA Systems Analysis and Design Engineering Studies	Sep 16, 2005	0.014	Sep 16, 2005	May 31, 2005	0.014	0.001	[Not answered]	0	100
1.5.7 Systems Analysis and Design Closeout	Sep 16, 2005	0.015	Sep 16, 2005	Sep 16, 2005	0.015	0.028	[Not answered]	0	100
1.6 Integrated Deployment and Support (Previous estimate was for Increment 1 only)	Jul 2, 2008	4.428	Sep 30, 2020	[Not answered]	31.637	1.012	[Not answered]	-0.005	7
1.6 - Stennis (Facility, Telecom, Mgt)	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	10.366	0.725	[Not answered]	[Not answered]	7
1.6 Stennis Option 1	[Not answered]	[Not answered]	Sep 30, 2007	[Not answered]	2.33	0.088	[Not answered]	[Not answered]	38
1.6 Stennis Option 2	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	0.779	[Not answered]	[Not answered]	[Not answered]	0

1.6 Stennis Option 3 - 5	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	1.58	[Not answered]	[Not answered]	[Not answere d]	0
1.6 Stennis Option 6- 2020	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	5.676	[Not answered]	[Not answered]	[Not answere d]	0
1.6 - WVA (Facility, Telecom, Mgt)	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	11.876	0.118	[Not answered]	[Not answere d]	1
1.6 WVA Option 1	[Not answered]	[Not answered]	Sep 30, 2007	[Not answered]	1.875	0.093	[Not answered]	[Not answere d]	5
1.6 WVA Option 2	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	0.903	[Not answered]	[Not answered]	[Not answere d]	0
1.6 WVA Option 3 - 5	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	1.997	[Not answered]	[Not answered]	[Not answere d]	0
1.6 WVA Option 6 - 2020	[Not answered]	[Not answered]	Sep 20, 2020	[Not answered]	7.1	[Not answered]	[Not answered]	[Not answere d]	0
1.6 - Bush (Facility, Telecom, Mgt)	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	1.799	[Not answered]	[Not answered]	[Not answere d]	0
1.6 Bush Option 1	[Not answered]	[Not answered]	[Not answere d]	[Not answered]	[Not answere d]	[Not answered]	[Not answered]	[Not answere d]	0
1.6 Bush Option 2	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	0.38	[Not answered]	[Not answered]	[Not answere d]	0
1.6 Bush Option 3-5	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	0.309	[Not answered]	[Not answered]	[Not answere d]	0
1.6 Bush Option 6 - 2020	[Not answered]	[Not answered]	Sep 20, 2020	[Not answered]	1.11	[Not answered]	[Not answered]	[Not answere d]	0

1.6 - LMC, A2	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	4.098	[Not answered]	[Not answered]	[Not answered]	0
1.6 LMC, A2 Option 1	[Not answered]	[Not answered]	Sep 30, 2007	[Not answered]	0	[Not answered]	[Not answered]	[Not answered]	0
1.6 LMC, A2 Option 2	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	0.352	[Not answered]	[Not answered]	[Not answered]	0
1.6 LMC, A2 Option 3-5	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	0.815	[Not answered]	[Not answered]	[Not answered]	0
1.6 LMC, A2 Option 6 - 2020	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	2.93	[Not answered]	[Not answered]	[Not answered]	0
1.6 NARANET	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	3	[Not answered]	[Not answered]	[Not answered]	0
1.6 NARANET Option 1	[Not answered]	[Not answered]	Sep 30, 2007	[Not answered]	0	[Not answered]	[Not answered]	[Not answered]	0
1.6 NARANET Option 2	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	1	[Not answered]	[Not answered]	[Not answered]	0
1.6 NARANET Option 3 - 5	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	2	[Not answered]	[Not answered]	[Not answered]	0
1.6 - NARA User Training	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	0.516	[Not answered]	[Not answered]	[Not answered]	0
1.6 NARA User Training Option 1	[Not answered]	[Not answered]	Sep 30, 2007	[Not answered]	0	[Not answered]	[Not answered]	[Not answered]	0
1.6 NARA User Training Option 2	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	0.003	[Not answered]	[Not answered]	[Not answered]	0

1.6 NARA User Training Option 3-5	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	0.067	[Not answered]	[Not answered]	[Not answered]	0
1.6 NARA User Training Option 6 -2020	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	0.445	[Not answered]	[Not answered]	[Not answered]	0
1.7 ERA Development (Had been Increment 1, Initial Operating Capability)	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	300.065	28.087	[Not answered]	-3.294	7
1.7 Contract Option 1 System Development	Jul 31, 2008	126.268	Sep 30, 2007	[Not answered]	72.892	28.087	[Not answered]	[Not answered]	38
1.7 Contract Option 2 System Development	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	35.914	[Not answered]	[Not answered]	[Not answered]	0
1.7 Contract Option 3-5 System Development	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	92.686	[Not answered]	[Not answered]	[Not answered]	0
1.7 Contract Option 6 - 2020	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	98.571	[Not answered]	[Not answered]	[Not answered]	0
1.7.3 Systems Integrator Project Management (Had been 1.7.2)	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	84.127	9.253	[Not answered]	-1.598	7
1.7.3 - Contract Option 1 Project Management	Jun 27, 2008	14.908	Sep 30, 2007	[Not answered]	20.309	9.253	[Not answered]	[Not answered]	38

1.7.3 - Contract Option 2 Project Management	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	8.26	[Not answered]	[Not answered]	[Not answered]	0
1.7.3 - Contract Option 3 - 5 Project Management	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	18.106	[Not answered]	[Not answered]	[Not answered]	0
1.7.3 Contract Option 6 - 2020 Project Management	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	37.45	[Not answered]	[Not answered]	[Not answered]	0
1.7.4 Infrastructure and Lab Engineering (had been Increment 1 Analysis)	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	14.354	7.436	[Not answered]	-0.002	7
1.7.4 _ Contract Option 1 Infrastructure and Lab Engineering	Jun 27, 2008	1.62	Sep 30, 2007	[Not answered]	7.436	7.436	[Not answered]	[Not answered]	100
1.7.4 - Contract Option 2 Infrastructure and Lab Engineering	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	1.34	0.606	[Not answered]	[Not answered]	0
1.7.4 - Contract Option 3 - 5 Infrastructure and Lab Engineering	[Not answered]	[Not answered]	Sep 20, 2012	[Not answered]	4.203	[Not answered]	[Not answered]	[Not answered]	0
1.7.4 Contract Option 6 - 2020 Infrastructure and Lab Engineering	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	1.374	[Not answered]	[Not answered]	[Not answered]	0

1.7.5 System Engineering (had been called Increment 1 Release 1)	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	29.253	3.677	[Not answered]	[Not answered]	7
1.7.5 Contract Option 1 System Eng.	Sep 27, 2005	28.677	Sep 30, 2007	[Not answered]	10.284	3.677	[Not answered]	-0.166	44
1.7.5 Contract Option 2 System Eng.	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	3.95	[Not answered]	[Not answered]	[Not answered]	0
1.7.5 Contract Option 3-5 System Eng.	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	14.675	[Not answered]	[Not answered]	[Not answered]	0
1.7.5 Contract Option 6 - 2020 System Eng	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	0.342	[Not answered]	[Not answered]	[Not answered]	0
1.7.6 System Development (had been called Increment 1 Release 2)	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	123.819	4.988	[Not answered]	-1.259	7
1.7.6 Contract Option 1 System Dev	Apr 3, 2007	28.304	Sep 30, 2007	[Not answered]	31.594	4.988	[Not answered]	[Not answered]	34
1.7.6 Contract Option 2 System Dev	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	19.055	[Not answered]	[Not answered]	[Not answered]	0
1.7.6 Contract Option 3-5 System Dev	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	45.233	[Not answered]	[Not answered]	[Not answered]	0
1.7.6 Contract Option 6 - 2020 System Dev	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	27.936	[Not answered]	[Not answered]	[Not answered]	0
1.7.8 User Training Strategy and	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	2.575	0.26	[Not answered]	-0.032	7

Materials (Had been called Increment 1 User Training)									
1.7.8 Contract Option 1 LMC User Training Support	Jul 3, 2008	1.246	Sep 30, 2007	[Not answered]	0.588	0.269	[Not answered]	[Not answered]	0
1.7.8 Contract Option 2 LMC User Training Support	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	0.573	[Not answered]	[Not answered]	[Not answered]	0
1.7.8 Contract Option 3-5 LMC User Training Support	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	1.088	[Not answered]	[Not answered]	[Not answered]	0
1.7.8 Contract Option 6 - 2020 LMC User Training Support	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	0.324	[Not answered]	[Not answered]	[Not answered]	0
1.7.11 System Support and Change Mgt	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	28.458	0.411	[Not answered]	[Not answered]	07
1.7.11 Contract Option 1 System Support and Change Mgt	Jul 3, 2008	3.135	Sep 30, 2007	[Not answered]	0.889	0.411	[Not answered]	[Not answered]	61
1.7.11 Contract Option 2 System Support and Change Mgt	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	1.457	[Not answered]	[Not answered]	[Not answered]	0
1.7.11 Contract Option 3-5 System Support and Change	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	6.713	[Not answered]	[Not answered]	[Not answered]	0

Mgt									
1.7.11 Contract Option 6 - 2020 Sys Support and Change Mgt	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	19.398	[Not answered]	[Not answered]	[Not answered]	0
1.7.12 Technical Program Management	[Not answered]	[Not answered]	Sep 30, 2020	[Not answered]	19.875	2.053	[Not answered]	-0.002	7
1.7.12 Contract Option 1 Technical Program Mgt	Jul 1, 2008	10.848	Sep 30, 2007	[Not answered]	2.053	1.79	[Not answered]	[Not answered]	22
1.7.12 Contract Option 2 Technical Program Mgt	[Not answered]	[Not answered]	Sep 30, 2008	[Not answered]	1.276	[Not answered]	[Not answered]	[Not answered]	0
1.7.12 Contract Option 3-5 Technical Program Mgt	[Not answered]	[Not answered]	Sep 30, 2012	[Not answered]	5.063	[Not answered]	[Not answered]	[Not answered]	0
1.7.12 Contract Option 6 - 2020 Technical Program Mgt	[Not answered]	[Not answered]	Sep 20, 2020	[Not answered]	11.745	[Not answered]	[Not answered]	[Not answered]	0
1.8 POST (had been incorporated into 1.1; Cost shown are from FY04-FY20)	[Not answered]	[Not answered]	Sep 20, 2020	[Not answered]	35.916	12.857	[Not answered]	-0.173	22
1.12 IVV (had been called Increment 1 Operations)	[Not answered]	[Not answered]	Sep 20, 2020	[Not answered]	12.339	2.841	[Not answered]	0	7
1.13 IAA (had been called Increment 2)	[Not answered]	[Not answered]	Sep 20, 2020	[Not answered]	7.1	2.489	[Not answered]	0	22

