

Exhibit 300: Capital Asset Plan and Business Case Summary**Part I: Summary Information And Justification (All Capital Assets)****Section A: Overview (All Capital Assets)**

- | | |
|--|--|
| 1. Date of Submission: | 9/10/2007 |
| 2. Agency: | Department of Energy |
| 3. Bureau: | National Nuclear Security Administration |
| 4. Name of this Capital Asset: | NNSA Y12 ERP |
| 5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.) | 019-05-01-11-01-1045-00 |
| 6. What kind of investment will this be in FY2009? (Please NOTE: Investments moving to O&M in FY2009, with Planning/Acquisition activities prior to FY2009 should not select O&M. These investments should indicate their current status.) | Operations and Maintenance |
| 7. What was the first budget year this investment was submitted to OMB? | FY2001 or earlier |
| 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: | |
| <p>This investment represents a single, integrated enterprise resource planning (ERP) for the Y-12 National Security Complex. It has replaced more than 90 legacy systems, producing annual IT cost savings in excess of \$8M. The ERP has combined into a single software platform (SAP), business and operational processes historically supported by primarily home-grown and non-integrated software solutions. This system has closed a number of significant IT and operational gaps, including: (1) replacement of a number of legacy systems with Y2K issues; (2) non value-added approval processes were streamlined/replaced with electronic workflow; (3) manual business processes and operations (e.g. ACREM inventories and several inspection/surveillance operations were replaced with automated system tools; (4) a wide range of business/operational activities supported by non-integrated point solutions were merged into seamless processes eliminating data redundancy/inconsistency among applications; (5) ever-tightening schedules for monthly cost reporting to DOE have been accommodated with significantly enhanced speeds for cost processing; (6) use of critical IT resources and funding to support technical migrations for homegrown software applications is eliminated by taking advantage of regularly scheduled version upgrades supported by a technically advanced software vendor. An initial project that produced a 1.5 year return on investment and evidence of further cost savings as functionality has been expanded makes this ERP project a valuable investment for the Y-12 National Security Complex. The cost savings already realized and projected support the DOE strategic goal of a "Fully integrated resource management strategy that supports mission needs" as well as the Y-12 strategic goal to "Create an efficient, effective and less risk-averse enterprise through simplified business and management processes." This investment is the cornerstone of Y-12's software enterprise architecture, providing a unifying data architecture and fully integrated software portfolio. It also directly supports the NNSA EA in the FEA Business Area Management of Government Resources, including management of Human Resources, Financial, Administrative, Supply Chain and IT. More detailed mapping to SRM/TRM are included in the EA section of this exhibit. Reference DOE EA Transition Plan (p 73 / Section 2.1.5.2.5.4). Note: Cost projections reflect Y-12 management targets to keep overhead project funding flat.</p> | |
| 9. Did the Agency's Executive/Investment Committee approve this request? | Yes |
| a. If "yes," what was the date of this approval? | 8/24/2006 |
| 10. Did the Project Manager review this Exhibit? | Yes |
| 11. Contact information of Project Manager? | |
| Name | Christenson, Dale |
| Phone Number | 865-574-3964 |
| Email | christensode@yso.doe.gov |
| a. What is the current FAC-P/PM certification level of the project/program manager? | TBD |
| 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?

2. If "yes," will this investment meet sustainable design principles?

3. If "yes," is it designed to be 30% more energy efficient than relevant code?

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

If "yes," check all that apply:

- Human Capital
- Budget Performance Integration
- Financial Performance
- Real Property Asset Management
- Eliminating Improper Payments

a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s) (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?)

As M&O contractor, Y-12 is constrained in its ability to participate in e-Gov initiatives and interagency collaboration. Budget Performance Integration: integrates multiple/disparate financial apps; Eliminating Improper Payments: eliminates improper payments thru automated process; Financial Performance: A-123 compliant system of record; Human Capital: complete HR system for org mgt, time, payroll, benefits & training/qual mgt. Real Property Management fully integrated with Plant Maintenance.

14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.) No

a. If "yes," does this investment address a weakness found during a PART review? No

b. If "yes," what is the name of the PARTed program?

c. If "yes," what rating did the PART receive?

15. Is this investment for information technology? Yes

If the answer to Question 15 is "Yes," complete questions 16-23 below. If the answer is "No," do not answer questions 16-23.

For information technology investments only:

16. What is the level of the IT Project? (per CIO Council PM Guidance) Level 1

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 or any project(s) within this investment identified as "high risk" on the Q4 - FY 2007 agency high risk report (per OMB Memorandum M-05-23) No

19. Is this a financial management system? Yes

a. If "yes," does this investment address a FFMIA compliance area? No

1. If "yes," which compliance area:

2. If "no," what does it address?

Federal Manager's Financial Integrity Act (FMFIA) requirements

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

20. What is the percentage breakout for the total FY2009 funding request for the following? (This should total 100%)

Hardware	1.50
Software	0
Services	98.50
Other	0

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? N/A

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

Name Livengood, Greg L
 Phone Number 865.241.2654
 Title PAAA Engineer
 E-mail livengoodgl@y12.doe.gov

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? Yes

Question 24 must be answered by all Investments:

24. Does this investment directly support one of the GAO High Risk Areas? No

Section B: Summary of Spending (All Capital Assets)

1. Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The "TOTAL" estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS)									
(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY-1 and earlier	PY 2007	CY 2008	BY 2009	BY+1 2010	BY+2 2011	BY+3 2012	BY+4 and beyond	Total
Planning:	0	0	0	0					
Acquisition:	18.881	0	0	0					
Subtotal Planning & Acquisition:	18.881	0	0	0					
Operations & Maintenance:	37.099	7.7	7.7	7.7					
TOTAL:	55.980	7.7	7.7	7.7					
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	0.0371	0.0087	0.009	0.009					
Number of FTE represented by Costs:	1	1	1	1					

Note: For the multi-agency investments, this table should include all funding (both managing partner and partner agencies). Government FTE Costs should not be included as part of the TOTAL represented.

2. Will this project require the agency to hire additional FTE's? No

a. If "yes," How many and in what year?

3. If the summary of spending has changed from the FY2008 President's budget request, briefly explain those changes:

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

1. Complete the table for all (including all non-Federal) contracts and/or task orders currently in place or planned for this investment. Total Value should include all option years for each contract. Contracts and/or task orders completed do not need to be included.

Exhibit 300: NNSA Y12 ERP (Revision 11)

Contracts/Task Orders Table:															* Costs in millions	
Contract or Task Order Number	Type of Contract/ Task Order	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/ Task Order	End date of Contract/ Task Order	Total Value of Contract/ Task Order (\$M)	Is this an Interagency Acquisition ? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact information (phone/em ail)	Contracting Officer Certification Level (Level 1,2,3,N/A)	If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition ? (Y/N)
4300055658	Software Maintenance	Yes	12/12/2006	1/1/2007	12/31/2007	0.356	No	No	No	NA	No	Yes	Albaugh, Jill	865-576-0794 / albaughjy@oro.doe.gov	Level N/A	Yes
4300056852	Hardware Maintenance	Yes	2/14/2007	4/1/2007	3/31/2008	0.095	No	No	Yes	NA	No	Yes	Albaugh, Jill	865-576-0794 / albaughjy@oro.doe.gov	Level N/A	Yes
DE-AC05-00OR22800	Management & Operating - Internal ERP Support Labor	Yes	5/31/2005	10/1/2006	9/30/2007	7.24	No	Yes	No	NA	No	Yes	Albaugh, Jill	865-576-0794 / albaughjy@oro.doe.gov	Level N/A	Yes
DE-AC05-00OR22800	Management & Operating - Internal ERP Support Labor	Yes	5/31/2005	10/1/2007	9/30/2008	7.24	No	Yes	No	NA	No	Yes	Albaugh, Jill	865-576-0794 / albaughjy@oro.doe.gov	Level N/A	Yes
DE-AC05-00OR22800	Management & Operating - Internal ERP Support Labor	Yes	5/31/2005	10/1/2008	9/30/2009	7.24	No	Yes	No	NA	No	Yes	Albaugh, Jill	865-576-0794 / albaughjy@oro.doe.gov	Level N/A	Yes
DE-AC05-00OR22800	Management & Operating - Internal ERP Support Labor	Yes	5/31/2005	10/1/2009	9/30/2010	7.24	No	Yes	No	NA	No	Yes	Albaugh, Jill	865-576-0794 / albaughjy@oro.doe.gov	Level N/A	Yes

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:

Based on instructions for Section IV.C, "EVM is required only on DME portions of investments." NNSA Y-12 ERP is a steady state investment.

3. Do the contracts ensure Section 508 compliance? Yes

a. Explain why:

The referenced contract is for operation of the Y-12 National Security Complex, a federal facility. As such, this facility, through its NNSA contract is required to make accommodations for any employee with disabilities.

4. Is there an acquisition plan which has been approved in accordance with agency requirements? Yes

a. If "yes," what is the date?

7/27/2007

b. If "no," will an acquisition plan be developed? Yes

1. If "no," briefly explain why:

Section D: Performance Information (All Capital Assets)

In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures (indicators) must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative or qualitative measure.

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for each of the four different Measurement Areas (for each fiscal year). The PRM is available at www.egov.gov. The table can be extended to include performance measures for years beyond FY 2009.

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2007	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Timeliness and Responsiveness	Response Time	Time required to distribute, review and act upon internal and external employment candidate resumes.	Receipt, distribution and review of external resumes is a very manual process require significant effort by HR organization.	Establish a central, web-based repository for preformatted, brief resumes in internal and external job postings that can be searched and reviewed by internal hiring managers	Activation of SAP E-Recruit module has permitted the posting of close to 6,000 preformatted summary resumes available for internal hiring manager review.
2007	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Supply Chain Management	Logistics Management	Compliance with control limits of hazardous materials within the facility operations areas	Lack of effective controls on the procurement of hazardous materials resulted in several potential non-compliance situations	Eliminate potential hazardous materials accumulations through strengthening up-front controls on the procurement of materials by area material custodians by utilizing established system workflow capabilities	Up-front controls implemented in already-configured Materials Management module that have virtually eliminated the potential for procurements that violate hazardous material accumulations
2007	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and	Processes and Activities	Cycle Time and Resource Time	Cycle Time	Automate manual operations: Time required to check out barcode readers for material accountability inventory cycles	Checkout of barcode readers for periodic material accountability inventory cycles required two days of manual effort.	Automate checkout process and reduce time required by 75%.	Actual checkout time reduced from 2 days to one hour.

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	secure workplace.							
2007	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Technology	Financial (Technology)	Operations and Maintenance Costs	Number of home-grown, high maintenance legacy systems supported in the company's software portfolio	Hundreds of business and operational support software systems, largely developed in house and requiring significant IT support and technical infrastructure	Replace four legacy systems per year with current ERP support staff by extending already configured modules into new applications.	90+ systems replaced since 1998 go-live with \$8M/yr savings. System replacements in 2007 (4) and beyond based on modules implemented 2006 and prior (reflected as DME)
2008	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Timeliness and Responsiveness	Response Time				
2008	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Supply Chain Management	Logistics Management				
2008	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Processes and Activities	Cycle Time and Resource Time	Cycle Time				
2008	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Technology	Financial (Technology)	Operations and Maintenance Costs				
2009	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Timeliness and Responsiveness	Response Time				
2009	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and	Mission and Business Results	Supply Chain Management	Logistics Management				

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	secure workplace.							
2009	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Processes and Activities	Cycle Time and Resource Time	Cycle Time				
2009	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Technology	Financial (Technology)	Operations and Maintenance Costs				
2010	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Customer Results	Timeliness and Responsiveness	Response Time				
2010	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Mission and Business Results	Supply Chain Management	Logistics Management				
2010	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Processes and Activities	Cycle Time and Resource Time	Cycle Time				
2010	GOAL 5.4 Infrastructure - Build, modernize, and maintain DOE facilities and infrastructure to achieve mission goals and ensure a safe and secure workplace.	Technology	Financial (Technology)	Operations and Maintenance Costs				

Section E: Security and Privacy (IT Capital Assets only)

In order to successfully address this area of the business case, each question below must be answered at the system/application level, not at a program or agency level. Systems supporting this investment on the planning and operational systems security tables should match the systems on the privacy table below. Systems on the Operational Security Table must be included on your agency FISMA system inventory and should be easily referenced in the inventory (i.e., should use the same name or

identifier).

For existing Mixed-Life Cycle investments where enhancement, development, and/or modernization is planned, include the investment in both the "Systems in Planning" table (Table 3) and the "Operational Systems" table (Table 4). Systems which are already operational, but have enhancement, development, and/or modernization activity, should be included in both Table 3 and Table 4. Table 3 should reflect the planned date for the system changes to be complete and operational, and the planned date for the associated C&A update. Table 4 should reflect the current status of the requirements listed. In this context, information contained within Table 3 should characterize what updates to testing and documentation will occur before implementing the enhancements; and Table 4 should characterize the current state of the materials associated with the existing system.

All systems listed in the two security tables should be identified in the privacy table. The list of systems in the "Name of System" column of the privacy table (Table 8) should match the systems listed in columns titled "Name of System" in the security tables (Tables 3 and 4). For the Privacy table, it is possible that there may not be a one-to-one ratio between the list of systems and the related privacy documents. For example, one PIA could cover multiple systems. If this is the case, a working link to the PIA may be listed in column (d) of the privacy table more than once (for each system covered by the PIA).

The questions asking whether there is a PIA which covers the system and whether a SORN is required for the system are discrete from the narrative fields. The narrative column provides an opportunity for free text explanation why a working link is not provided. For example, a SORN may be required for the system, but the system is not yet operational. In this circumstance, answer "yes" for column (e) and in the narrative in column (f), explain that because the system is not operational the SORN is not yet required to be published.

Please respond to the questions below and verify the system owner took the following actions:

1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment:
 - a. If "yes," provide the "Percentage IT Security" for the budget year:
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.

3. Systems in Planning and Undergoing Enhancement(s), Development, and/or Modernization - Security Table(s):

Name of System	Agency/ or Contractor Operated System?	Planned Operational Date	Date of Planned C&A update (for existing mixed life cycle systems) or Planned Completion Date (for new systems)
----------------	--	--------------------------	---

4. Operational Systems - Security Table:

Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level (High, Moderate, Low)	Has C&A been Completed, using NIST 800-37? (Y/N)	Date Completed: C&A	What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, NIST 800-26, Other, N/A)	Date Complete(d): Security Control Testing	Date the contingency plan tested
Y-12 ERP							

5. Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG?
 - a. If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone process?
6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses?
 - a. If "yes," specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness.
7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above?

6. Planning & Operational Systems - Privacy Table:

(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
Y-12 ERP	No	No	This system contains no privacy related information about the public and is not subject,	No	SORNs have been submitted for the individual types of records contained in the

8. Planning & Operational Systems - Privacy Table:					
(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
			therefore, to a PIA according to the Privacy Act.		system and are already included in the Federal Registry so a system level SORN is not required.
Details for Text Options: Column (d): If yes to (c), provide the link(s) to the publicly posted PIA(s) with which this system is associated. If no to (c), provide an explanation why the PIA has not been publicly posted or why the PIA has not been conducted. Column (f): If yes to (e), provide the link(s) to where the current and up to date SORN(s) is published in the federal register. If no to (e), provide an explanation why the SORN has not been published or why there isn't a current and up to date SORN. Note: Working links must be provided to specific documents not general privacy websites. Non-working links will be considered as a blank field.					

Section F: Enterprise Architecture (EA) (IT Capital Assets only)

In order to successfully address this area of the capital asset plan and business case, the investment must be included in the agency's EA and Capital Planning and Investment Control (CPIC) process and mapped to and supporting the FEA. The business case must demonstrate the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.

1. Is this investment included in your agency's target enterprise architecture? Yes

a. If "no," please explain why?

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. NNSA Y-12 ERP

b. If "no," please explain why?

3. Is this investment identified in a completed (contains a target architecture) and approved segment architecture? Yes

a. If "yes," provide the name of the segment architecture as provided in the agency's most recent annual EA Assessment. Facilities and Infrastructure Management

4. Service Component Reference Model (SRM) Table:								
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov .								
Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
Asset Cataloging/Identification	Defines the set of capabilities that support the listing and specification of available assets.	Back Office Services	Asset / Materials Management	Asset Cataloging / Identification			No Reuse	
Facilities Management	Defines the set of capabilities that support the construction, management and maintenance of facilities for an organization.	Back Office Services	Asset / Materials Management	Facilities Management			No Reuse	
Auditing	Defines the set of capabilities that support the examination and verification of records for accuracy.	Back Office Services	Financial Management	Auditing			No Reuse	
Billing and Accounting	Defines the set of capabilities that support the charging, collection and	Back Office Services	Financial Management	Billing and Accounting			No Reuse	

4. Service Component Reference Model (SRM) Table:								
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov .								
Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	reporting of an organization's accounts.							
Credit/Charge	Defines the set of capabilities that support the use of credit cards or electronic funds transfers for payment and collection of products or services.	Back Office Services	Financial Management	Credit / Charge			No Reuse	
Expense Management	Defines the set of capabilities that support the management and reimbursement of costs paid by employees or an organization.	Back Office Services	Financial Management	Expense Management			No Reuse	
Payment / Settlement	Defines the set of capabilities that support the process of accounts payable.	Back Office Services	Financial Management	Payment / Settlement			No Reuse	
Payroll	Defines the set of capabilities that involve the administration and determination of employee's compensation.	Back Office Services	Financial Management	Payroll			No Reuse	
Resource Planning and Allocation	Defines the set of capabilities that support the means for assignment of employees and assets to sustain or increase an organization's business.	Back Office Services	Human Capital / Workforce Management	Resource Planning and Allocation			No Reuse	
Skills Management	Defines the set of capabilities that support the proficiency of employees in the delivery of an organization's products or services.	Back Office Services	Human Capital / Workforce Management	Skills Management			No Reuse	
Team/Org Management	Defines the set of capabilities that support the hierarchy structure and identification of employees within the various sub-groups of an organization.	Back Office Services	Human Capital / Workforce Management	Team / Org Management			No Reuse	
Workforce Directory/Locator	Defines the set of capabilities that support the listing of employees and their whereabouts.	Back Office Services	Human Capital / Workforce Management	Workforce Directory / Locator			No Reuse	
Benefit Management	Defines the set of capabilities that support the enrollment and participation in an organization's compensation	Back Office Services	Human Resources	Benefit Management			No Reuse	

4. Service Component Reference Model (SRM) Table:								
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov .								
Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	and benefits programs.							
Education / Training	Defines the set of capabilities that support the active building of employee capacities.	Back Office Services	Human Resources	Education / Training			No Reuse	
Personnel Administration	Defines the set of capabilities that support the matching between an organization's employees and potential opportunities as well as the modification, addition and general upkeep of an organization's employee-specific information.	Back Office Services	Human Resources	Personnel Administration			No Reuse	
Recruiting	Defines the set of capabilities that support the identification and hiring of employees for an organization.	Back Office Services	Human Resources	Recruiting			No Reuse	
Retirement Management	Defines the set of capabilities that support the payment of benefits to retirees.	Back Office Services	Human Resources	Retirement Management			No Reuse	
Time Reporting	Defines the set of capabilities that support the submission, approval and adjustment of an employee's hours.	Back Office Services	Human Resources	Time Reporting			No Reuse	
Travel Management	Defines the set of capabilities that support the transit and mobility of an organization's employees for business purposes.	Back Office Services	Human Resources	Travel Management			No Reuse	
Catalog Management	Defines the set of capabilities that support the listing of available products or services that an organization offers.	Business Management Services	Supply Chain Management	Catalog Management			No Reuse	
Invoice / Requisition Tracking and Approval	Defines the set of capabilities that support the identification of where a shipment or delivery is within the business cycle.	Business Management Services	Supply Chain Management	Invoice / Requisition Tracking and Approval			No Reuse	
Ordering/Purchasing	Defines the set of capabilities that allow the placement of request for a product.	Business Management Services	Supply Chain Management	Ordering / Purchasing			No Reuse	
Procurement	Defines the set	Business	Supply Chain	Procurement			No Reuse	

4. Service Component Reference Model (SRM) Table:								
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov .								
Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	of capabilities that support the ordering and purchasing of products and services.	Management Services	Management					
Returns Management	Defines the set of capabilities for collecting, analyzing, and resolving product returns or service cancellations.	Business Management Services	Supply Chain Management	Returns Management			No Reuse	
Storefront / Shopping Cart	Defines the set of capabilities that support the online equivalent of the supermarket cart, where orders and merchandise are placed.	Business Management Services	Supply Chain Management	Storefront / Shopping Cart			No Reuse	

a. Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.

b. A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.

c. 'Internal' reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. 'External' reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.

d. Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in the column can, but are not required to, add up to 100%.

5. Technical Reference Model (TRM) Table:				
To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.				
FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
Asset Cataloging / Identification	Component Framework	Business Logic	Platform Independent	
Resource Planning and Allocation	Component Framework	Business Logic	Platform Independent	
Storefront / Shopping Cart	Component Framework	Presentation / Interface	Dynamic Server-Side Display	
Facilities Management	Component Framework	Presentation / Interface	Static Display	
Billing and Accounting	Component Framework	Security	Certificates / Digital Signatures	
Credit / Charge	Component Framework	Security	Supporting Security Services	
Education / Training	Service Access and Delivery	Access Channels	Collaboration / Communications	
Expense Management	Service Access and Delivery	Access Channels	Collaboration / Communications	
Payment / Settlement	Service Access and Delivery	Access Channels	Other Electronic Channels	
Catalog Management	Service Access and Delivery	Access Channels	Web Browser	
Recruiting	Service Access and Delivery	Delivery Channels	Extranet	
Time Reporting	Service Access and Delivery	Delivery Channels	Intranet	
Payroll	Service Access and Delivery	Delivery Channels	Virtual Private Network (VPN)	
Retirement Management	Service Access and Delivery	Service Requirements	Hosting	
Ordering / Purchasing	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Travel Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	
Invoice / Requisition Tracking and Approval	Service Access and Delivery	Service Transport	Service Transport	

5. Technical Reference Model (TRM) Table:				
To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.				
FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
Procurement	Service Access and Delivery	Service Transport	Service Transport	
Skills Management	Service Access and Delivery	Service Transport	Service Transport	
Returns Management	Service Access and Delivery	Service Transport	Supporting Network Services	
Asset Cataloging / Identification	Service Access and Delivery	Service Transport	Supporting Network Services	
Procurement	Service Access and Delivery	Service Transport	Supporting Network Services	
Returns Management	Service Interface and Integration	Interface	Service Description / Interface	
Payroll	Service Interface and Integration	Interoperability	Data Format / Classification	
Facilities Management	Service Platform and Infrastructure	Database / Storage	Database	
Team / Org Management	Service Platform and Infrastructure	Database / Storage	Database	
Workforce Directory / Locator	Service Platform and Infrastructure	Database / Storage	Database	
Benefit Management	Service Platform and Infrastructure	Database / Storage	Database	
Personnel Administration	Service Platform and Infrastructure	Database / Storage	Database	
Auditing	Service Platform and Infrastructure	Delivery Servers	Web Servers	
Billing and Accounting	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Credit / Charge	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Education / Training	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Expense Management	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Payment / Settlement	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Resource Planning and Allocation	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Catalog Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Facilities Management	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Billing and Accounting	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Credit / Charge	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	
Resource Planning and Allocation	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Catalog Management	Service Platform and Infrastructure	Software Engineering	Test Management	
Expense Management	Service Platform and Infrastructure	Software Engineering	Test Management	
Time Reporting	Service Platform and Infrastructure	Software Engineering	Test Management	
Payroll	Service Platform and Infrastructure	Software Engineering	Test Management	
Retirement Management	Service Platform and Infrastructure	Software Engineering	Test Management	
Ordering / Purchasing	Service Platform and Infrastructure	Software Engineering	Test Management	

a. Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications

b. In the Service Specification field, agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

6. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)?

a. If "yes," please describe.

Exhibit 300: Part III: For "Operation and Maintenance" investments ONLY (Steady State)

Section A: Risk Management (All Capital Assets)

Part III should be completed only for investments identified as "Operation and Maintenance" (Steady State) in response to Question 6 in Part I, Section A above.

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

1. Does the investment have a Risk Management Plan? Yes
 - a. If "yes," what is the date of the plan? 11/1/2006
 - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB?
 - c. If "yes," describe any significant changes:

2. If there currently is no plan, will a plan be developed?
 - a. If "yes," what is the planned completion date?
 - b. If "no," what is the strategy for managing the risks?

Section B: Cost and Schedule Performance (All Capital Assets)

1. Was operational analysis conducted? Yes
 - a. If "yes," provide the date the analysis was completed. 6/7/2007
 - b. If "yes," what were the results?

In summary, an ongoing process of operational analysis has demonstrated effective project performance in the areas of Strategic and Business Results, Customer Results and Financial Performance. This process for Operational Analysis which includes both periodic reviews and ongoing project oversight includes the following:

Periodic reviews - system stakeholders:

Quarterly reviews of the project are conducted by stakeholder organizations through a structure of ERP Operational Review Boards. These boards have been organized around the general functional areas of the ERP including HR, Payroll and Time Management, Pension, Finance, Project Management, Procurement/Inventory Management, and Work Management. In this role they have stakeholder oversight responsibility for:

Strategic and Business Results - The boards review input from their representative on the project team regarding status of their system scope relative to support of their business needs. Recommended enhancements/system fixes are reviewed and prioritized by the board. Enhancements to meet future needs are also reviewed and priorities established by the stakeholders along with current system changes.

Customer Results - In addition to functional integrity and completeness, the boards review the allocation of allotted project resources relative to their list of prioritized enhancements and fixes. Estimates for execution of these system changes are reviewed with the technical lead of their area of responsibility and decisions made regarding most effective use of the resources relative to business requirements. Re-allocation of resources among functional areas is made on a periodic basis based on an enterprise-level review of the business priorities and reviewed with the Operational Review Boards.

This system of boards provides the primary source of project operational analysis and guidance for project activity. The results of their reviews are documented and reflected in the continuing project scope and their respective task lists.

Ongoing reviews - project team:

Financial performance is reviewed on a monthly basis by the project team and generally falls within a 1-3% overall variance. This performance is also reviewed by the company G&A program review board. Moreover, general level of resource allocation to the ERP project is compared to industry standards as provided by Gartner and remains around 40% of average team size for a project of this scope.

- c. If "no," please explain why it was not conducted and if there are any plans to conduct operational analysis in the future:

2. Complete the following table to compare actual cost performance against the planned cost performance baseline. Milestones reported may include specific individual scheduled preventative and predictable corrective maintenance activities, or may be the total of planned annual operation and maintenance efforts).

- a. What costs are included in the reported Cost/Schedule Contractor Only

Performance information (Government Only/Contractor
Only/Both)?

2.b Comparison of Plan vs. Actual Performance Table:

Exhibit 300: NNSA Y12 ERP (Revision 11)

Comparison of Plan vs. Actual Performance Table							
Milestone Number	Description of Milestone	Planned		Actual		Variance	
		Completion Date (mm/dd/yyyy)	Total Cost(\$M)	Completion Date (mm/dd/yyyy)	Total Cost(\$M)	Schedule (# days)	Cost(\$M)
VP982.0601	PY-1 and Earlier	9/30/2006	\$55.98				
VP982.0701	Steady State Sytem Support	9/30/2007	\$7.1	9/30/2007	\$7.1	0	\$0
VP982.0702	SAP Version Upgrade Project	8/31/2007	\$0.6	7/22/2007	\$0.6	40	\$0