

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: 1/7/2008
- 2. Agency: Department of Commerce
- 3. Bureau: NOAA (NESDIS)
- 4. Name of this Capital Asset: NOAA/NESDIS/ Comprehensive Large Array-data Stewardship System (CLASS)
- 5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.) 006-48-01-13-01-3205-00
- 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.) Mixed Life Cycle
- 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:

CLASS supports the effort to understand climate variability and change to enhance society's ability to plan and respond through the application of modern, proven techniques and technology. By engineering a transition to an enterprise-capable data storage solution, CLASS will afford efficient management of high volumes (petabytes) of data critical to the United States Global Change Research Program and the scientific community. Management of these data requires a rapid expansion in storage capacity at the Data Centers and automation of data ingest, archive, quality control, and access. Significant increases in data volumes over the next 15 years and corresponding growth in the number and sophistication of system users necessitate this shift from the traditional archive paradigm to a fully operational and integrated system managed at the enterprise level. For example, data from the \$4.5 billion NPP and NPOESS programs will utilize CLASS in lieu of building standalone, dedicated data archival systems.

Large portions of the Nation's current archive of environmental data is stored and maintained by the NOAA National Data Centers. These data exist in disparate systems, with non-standard archive and access capabilities. CLASS will provide a standard, integrated solution to data archive and access, resulting in numerous benefits: an easy-to-use access Portal for the Nation to obtain environmental data; integration of data for the user (Search, Browse, Geospatial capabilities); higher quality and volume of environmental data which contributes to improvements in prediction capabilities; and decreased cost of redundant resources. To realize these benefits, the CLASS program has identified technologies and best practices to efficiently archive the vast quantities of NOAA satellite and in situ observational data; to safely and permanently preserve those valuable data for future generations to use; and to provide rapid data access in a cost-effective manner.

CLASS archiving priorities will be set by the NOAA Observing Systems Council upon the completion and acceptance of the National Research Council report of August 2007.

CLASS will close the CL-COA Data Stewardship capability gap of the "inability to integrate data from various observing systems and provide climate-related data...to the user" By closing this gap the Nation will be better prepared to mitigate the effects of climate and weather extremes.

- 9. Did the Agency's Executive/Investment Committee approve this request? Yes
 - a. If "yes," what was the date of this approval? 3/10/2006
- 10. Did the Project Manager review this Exhibit? Yes
- 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:

Expanded E-Government

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?)

The CLASS project will directly support the President's Management Agenda (PMA) Expanded E-Government initiative by improving the nation's ability to access Weather and Water data. CLASS consolidates and modernizes archive systems to ensure performance and maintainability and reduce government operating costs internally. CLASS is an integrated data archive and an easy-to-use access to archived environmental data. CLASS is an approved shared service provider within NESDIS OSD Ground Systems.

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.) 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? Climate Program - CLASS

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

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 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 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? No

a. If "yes," does this investment address a FFMI compliance area?

1. If "yes," which compliance area:

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

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	35
Software	20
Services	45
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

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					
Planning:	11.292	5.629	4.566	4.662					
Acquisition:	22.784	0.806	1.141	1.166					
Subtotal Planning & Acquisition:	34.076	6.435	5.707	5.828					
Operations & Maintenance:	5.605	2.466	3.073	3.138					
TOTAL:	39.681	8.901	8.780	8.966					
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	0	0	0	0					
Number of FTE represented by Costs:	0	0	0	0					

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: NOAA/NESDIS/ Comprehensive Large Array-data Stewardship System (CLASS) (Revision 15)

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	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/email)	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)
DG133E-07-NC-0498	Time and Materials	Yes	3/28/2007	1/1/2008	6/30/2008	4	No	Yes	Yes	NA	Yes	Yes	PerIroth, Joel L	Joel.L.PerIroth@noaa.gov	Level 3	
DG133E-07-NC-0236	Time and Materials	Yes	1/3/2007	1/1/2008	6/30/2008	4.5	No	Yes	Yes	NA	Yes	Yes	PerIroth, Joel L	Joel.L.PerIroth@noaa.gov	Level 3	

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:

3. Do the contracts ensure Section 508 compliance?

Yes

a. Explain why:

The Department of Commerce and NOAA Contracting Offices require the inclusion of Section 508 compliance language in the statement of work for all IT development service contracts. In order to procure all COTS equipment and software, requestors are required to include with their purchase order or file the Government purchase card invoices as well as the vendors statement of compliance (Voluntary Product Accessibility Template VPAT)).

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

Yes

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

7/15/2006

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

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
2006	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Increase volume of environmental data files delivered to customers (in percent)	CLASS FY05 data delivery of 4M files	Increase by 10% over baseline to 4.4M data files.	5.3M data files delivered
2006	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Mission and Business Results	Environmental Management	Environmental Monitoring and Forecasting	Increase availability of environmental data as measured by number of files in the catalog	8.3M files available	Increase by 15% to 9.55M files available.	10.3M files available
2006	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Processes and Activities	Productivity and Efficiency	Efficiency	Capability Maturity	CLASS process baseline adequate for Capability Maturity Model Integrated level 2	Enhance CLASS process baseline for Capability Maturity Model Integrated level 3	Completed SCAMPI-C Level 3 appraisal for CLASS-WV completed June 30, 2006
2006	3.1 Advance understanding and predict changes in the	Technology	Effectiveness	IT Contribution to Process, Customer, or Mission	Hardware and network upgrades	T3 connectivity between Suitland (FOB#4) and	MPLS connectivity between CLASS sites. New	Completed 11/30/06. Delay due to NSOF readiness delay

Exhibit 300: NOAA/NESDIS/ Comprehensive Large Array-data Stewardship System (CLASS) (Revision 15)

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	Earth's environment to meet America's economic, social, and environmental needs.					Asheville (NCDC)	hardware architecture installed at Suitland (NSOF) and Asheville (NCDC)	
2007	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Increase volume of environmental data files delivered to customers (in percent).	FY06 data delivery of 5.3M files.	Increase by 10% over baseline to 5.83 data files.	10.2M data files delivered as of 06/30/07
2007	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Mission and Business Results	Environmental Management	Environmental Monitoring and Forecasting	Increase availability of environmental data as measured by number of files in the catalog.	9.55M files available	Increase by 15% to 10.98M files available	21.3M files available as of 06/30/07
2007	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Processes and Activities	Productivity and Efficiency	Efficiency	Capability Maturity	Capability Maturity Model Integrated Level -2	Formal independent assessment of Capability Maturity Model Integrated Level -3	CLASS-Maryland achieved CMMI Level 3 in June 2007. CLASS-WV completed CMMI-L3 SCAMPI-B assessment and will conduct CMMI-L3 SCAMPI-A assessment in August 2007.
2007	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Technology	Effectiveness	IT Contribution to Process, Customer, or Mission	Hardware and network upgrades	CLASS nodes in Suitland and Asheville	CLASS Nodes in Suitland (NSOF), Asheville (NCDC), Boulder (NGDC) and West Virginia (NASA IV&V)	Continued CLASS integration at NGDC (completed system testing, now running stress test), integrating CLASS Point of Presence at NSOF (completed LAN & SAN config. started DB install), CLASS rel. 4.2.1 sent to Ops, CLASS NPP Delta design review June 07
2008	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Increase volume of environmental data files delivered to customers (in percent)	FY07 data delivery target was 5.83M data files	Increase by 10% over baseline to 6.41M data files	TBD
2008	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Mission and Business Results	Environmental Management	Environmental Monitoring and Forecasting	Increase available Environmental Data as measured by number of files in catalog	FY07 target was 10.98M files	Increase by 15% over baseline to 12.62 files in the catalog	TBD
2008	3.1 Advance	Processes and	Quality	Errors	Operational	TBD	Establish Initial	TBD

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Activities			effectiveness		Operating Capability (IOC) for NPP mission no later than 4th quarter 2008	
2008	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Technology	Information and Data	External Data Sharing	Data Availability	TBD	CLASS enables support for system to system communication	TBD
2009	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Increase volume of environmental data files delivered to customers (in per cent)	FY08 data delivery target 6.41M files	Increase by 10% over baseline to 7.05M files	TBD
2009	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Mission and Business Results	Environmental Management	Environmental Monitoring and Forecasting	Increase availability of Environmental data as measured by number of files in catalog	FY08 target of 12.62M files	Increase by 15% over baseline to 14.52M files.	TBD
2009	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Processes and Activities	Quality	Errors	Operational effectiveness	IOC for NPP	Full operational capability for NPP	TBD
2009	3.1 Advance understanding and predict changes in the Earth's environment to meet America's economic, social, and environmental needs.	Technology	Effectiveness	IT Contribution to Process, Customer, or Mission	Communication Infrastructure	Current communication infrastructure	Re-evaluation of communication infrastructure for GOES-R planning	TBD

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

Exhibit 300: NOAA/NESDIS/ Comprehensive Large Array-data Stewardship System (CLASS) (Revision 15) 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? Yes

a. If "yes," provide the "Percentage IT Security" for the budget year: 7

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

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? No

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? No

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
CLASS	No	No	The system does not contain or process personal identifying information (PII).	No	No, because the system is not Privacy Act System of records.
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. Climate Sequencing Plan

b. If "no," please explain why?

3. Is this investment identified in a completed (contains a No

target architecture) and approved segment architecture?

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

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)
CL-COA Data Stewardship	Acquisition, quality control, metadata cataloging, validation, reprocessing, storage, retrieval, dissemination, and archival of data	Back Office Services	Data Management	Data Warehouse			No Reuse	20
CL-COA Data Stewardship	Acquisition, quality control, metadata cataloging, validation, reprocessing, storage, retrieval, dissemination, and archival of data	Back Office Services	Data Management	Loading and Archiving			No Reuse	30
MS-SSV-PSO Ingest/Process Satellite Observations	Allow data and observations to be acquired from both NOAA and non-NOAA satellite sources and processed to a level necessary to prepare the data to be further refined into the required product data sets (e.g. level 1B data)	Back Office Services	Data Management	Loading and Archiving			No Reuse	10
MS-SSV-DRA Product Development, Readiness, and Applications Support	This capability ensures the scientific integrity of products/services. It includes developing new satellite derived algorithms, supporting sensor calibration and validation, and planning, risk reduction, and technology transfer.	Back Office Services	Data Management	Meta Data Management			No Reuse	20
MS-SSV-ENO Ensure 24/7 Operations	This capability includes program management functions and program infrastructure items such as IT, Telecommunications, Facilities, and Customer Support. This capability allows the Satellite services program to integrate the other components for maximum benefit to the nation.	Digital Asset Services	Knowledge Management	Knowledge Distribution and Delivery			No Reuse	20

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	
Loading and Archiving	Component Framework	Data Management	Database Connectivity	
Meta Data Management	Component Framework	Data Management	Database Connectivity	
Data Warehouse	Service Access and Delivery	Service Transport	Service Transport	
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Delivery Servers	Application Servers	

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)? No

a. If "yes," please describe.

Exhibit 300: Part II: Planning, Acquisition and Performance Information
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Section B: Risk Management (All Capital Assets)

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? | 1/25/2005 |
| b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? | No |
| 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? | |

3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule:

CLASS applies a continuous risk management approach to identify, analyze and mitigate risks associated with operating and managing the program. The risk management process includes quantification of both risk event likelihood and cost/performance/schedule impact. The Configuration Control Board (CCB) has been established to minimize risk to the development and operational environment. Risks identified by government and/or contractor are evaluated by the Board. For developmental risks and operational programmatic risks, an assessment of the priority of the risk is provided by the originator and an assessment is evaluated by the management team. All risks are evaluated by the CCB. Risk mitigation plans are developed as required and become part of the ongoing prioritization activities that supports the operational environment as well as development environment.

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

EVM is required only on DME portions of investments. For mixed lifecycle investments, O&M milestones should still be included in the table (Comparison of Initial Baseline and Current Approved Baseline). This table should accurately reflect the milestones in the initial baseline, as well as milestones in the current baseline.

- | | |
|--|-----|
| 1. Does the earned value management system meet the criteria in ANSI/EIA Standard-748? | Yes |
| 2. Is the CV% or SV% greater than +/- 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100) | No |
| a. If "yes," was it the CV or SV or both? | |
| b. If "yes," explain the causes of the variance: | |
| c. If "yes," describe the corrective actions: | |
| 3. Has the investment re-baselined during the past fiscal year? | |
| a. If "yes," when was it approved by the agency head? | No |

4. Comparison of Initial Baseline and Current Approved Baseline

Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., "03/23/2003"/ "04/28/2004") and the baseline and actual total costs (in \$ Millions). In the event that a milestone is not found in both the initial and current baseline, leave the associated cells blank. Note that the 'Description of Milestone' and 'Percent Complete' fields are required. Indicate '0' for any milestone no longer active.

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date (mm/dd/yyyy)	Total Cost (\$M) Estimated	Completion Date (mm/dd/yyyy)		Total Cost (\$M)		Schedule (# days)	Cost (\$M)	
				Planned	Actual	Planned	Actual			
1	FY 2004 and Prior	9/30/2004	\$11.69	9/30/2004	9/30/2004	\$11.69	\$11.69	0	\$0	100%
2	FY2005 CLASS	9/30/2005	\$13.6	9/30/2005	9/30/2005	\$13.6	\$13.6	0	\$0	100%
3	FY06 CLASS	9/30/2006	\$15.802	9/30/2006	9/30/2006	\$14.391	\$14.391	0	\$0	100%
4	FY07 CLASS	9/30/2007	\$8.901	9/30/2007	9/30/2007	\$8.901	\$8.901	0	\$0	100%
5	FY08 CLASS	9/30/2008	\$8.78	9/30/2008		\$8.78				0%
6	FY09 CLASS	9/30/2009	\$8.966	9/30/2009		\$8.966				0%