Exhibit 300 (BY2009)

<table>
<tr><td colspan="2" align="center">PART ONE</td></tr>
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<table>
<tr><td colspan="2" align="center">OVERVIEW</td></tr>
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1. Date of Submission:	2007-09-10
2. Agency:	429
3. Bureau:	00
4. Name of this Capital Asset:	Cost Accounting System
5. Unique Project Identifier:	429-00-01-01-01-2030-00

6. What kind of investment will this be in FY2009?

Operations and Maintenance

7. What was the first budget year this investment was submitted to OMB?

FY2003

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.

The Cost Accounting System (CAS) was initially developed in an effort to complete a remediation plan to implement Statement of Federal Financial Accounting Standards (SFFAS) No. 4, Managerial Cost Accounting Concepts and Standards for the Federal Government. The system was certified for operation during the 4th QTR of FY 2002. CAS users are validated against the NRC LAN access and the CAS setup tables to insure that there is no unauthorized access. The data CAS uses is stored on a separate server encrypted at 256 Des. The data can only be accessed by those users who are mapped to the server by the administrator. CAS audit logs are verified by the CAS ISSO to insure no intrusions & unauthorized access. The Cost Accounting System enables the NRC to assign and allocate costs, trace allocation paths, & provide multidimensional analysis. This is achieved through interfacing both with HRMS system and the FFS system. The data gathered is used allocate cost across all agency programs to achieve full costing across all agency programs. The system provides managers with cost data to assist them in evaluating the performance of their programs, to capture full cost of software development projects, and to produce reports for use in the compilation of the agency quarterly financial statements. The system includes an obligation model that managers use for budget formulation decisions and Budget execution comparison. All the reports produced by CAS are verified & re-verified by the CAS operator & the administrator. The data in CAS is reconciled against the source data to insure the integrity of the data. This investment adheres to OMB Circular A-130 for Investment Management and OMB Circular A-127 for financial systems improvement, is managed by a Level 1 Certified Program Manager, & incorporates the best practices of OMB's Office of Federal Financial Management (OFFM). Security is maintained through the NRC Certification & Accreditation and Configuration Management processes. C&A of this investment is has been granted as of 08/09/2007. Risks have been identified & included in CAS Risk Management Plan & CPIC Program. Continuity of Operations is institutionalized and offsite storage of data is maintained. An Operational Analysis has performed and CAS is operating effectively. In FY2010 CAS is scheduled to be subsumed by the Core Financial System (CFS) & will be decommissioned once CFS is operational.

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

yes

9.a. If "yes," what was the date of this approval?

2007-08-29

10. Did the Project Manager review this Exhibit?

yes

11. Project Manager Name:

Jones (CAS), Kevin

Project Manager Phone:

301-415-6083

Project Manager Email:

FKJ@NRC.GOV

11.a. What is the current FAC-P/PM certification level of the project/program manager?

Mid/Journeyman-level

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

yes

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

no

12.b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)

no

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

yes

If yes, select the initiatives that apply:

Budget Performance Integration

Financial Performance

13.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?)

CAS supports the budget & performance integration initiative by providing NRC managers & staff data consistent with NRC Strategic and Performance Plans by providing actual data used to compare against budgeted data. CAS provides comparative full cost financial performance information that is used by agency managers in making decisions regarding resource utilization.

14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)?

yes

14.a. If yes, does this investment address a weakness found during the PART review?

no

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

High-Level Waste Repository

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

Effective

15. Is this investment for information technology?

yes

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

Level 1

17. What project management qualifications does the Project Manager have? (per CIO Council's 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 2007 agency high risk report (per OMB memorandum M-05-23)?

no

19. Is this a financial management system?

yes

19.a. If yes, does this investment address a FFMIA compliance area?

yes

19.a.1. If yes, which compliance area:

Cost accounting addresses the applicablbe federal accounting standards by adhering to SFFAS 4 & SFFAS 6 by providing mangagement reports for use by office managers & by providing cost data for it software development projects.

19.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 A11 section 52.

Managerial Cost Accounting System (MCA)

20. What is the percentage breakout for the total FY2008 funding request for the following? (This should total 100%)

Hardware	0
Software	6

Services	81
Other	14

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
Sandra S. Northern
Phone Number
(301) 415-6879
Title
Privacy Officer
Email
SSN@NRC.GOV
23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?
yes
24. Does this investment directly support one of the GAO High Risk Areas?
no

SUMMARY OF SPEND

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.

All amounts represent Budget Authority

(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	PY-1 & Earlier	PY	CY	BY	BY+1	BY+2	BY+3	BY+4 & Beyond
	-2006	2007	2008	2009	2010	2011	2012	2013+
Planning Budgetary Resources	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Acquisition Budgetary Resources	1.611	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maintenance Budgetary Resources	1.730	0.140	0.381	0.481	0.000	0.000	0.000	0.000
Government FTE Cost	0.328	0.235	0.238	0.252	0.000	0.000	0.000	0.000
# of FTEs	2	2	2	2	0	0	0	0

Note: For the cross-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

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

CAS will be subsumed by the Core Financial system replacement project in BFY 2010 so there are no operating costs reflected in BFY 2010 and beyond. If any delays The current costs reflect cost to fund CAS operations and maintenance through decommissioning. All costs associated with security and software maintenance have been accounted for in order to reduce the risk of cost overruns for the government.

ACQ STRATEGY

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.

	Number	Type	Awarded?	Award date (planned or actual)	Start Date	End Date	Total Value ($M)
1	1435-04-03-CT-73758/74024	LH: Labor Hour	yes	2003-08-14	2003-08-14	2007-12-31	1.424
2	NRC-09-07-126	FFP: Firm Fixed Price	no	2007-10-31	2008-01-01	2009-09-30	0.862
3	DR070188	FFP: Firm Fixed Price	yes	2007-08-03	2007-07-01	2008-06-30	0.014
4	TBD	FFP: Firm Fixed Price	no	2008-05-28	2008-07-01	2009-06-30	0.014
5	TBD	FFP: Firm Fixed Price	no	2009-05-28	2009-07-01	2010-06-30	0.014
6	TBD	FFP: Firm Fixed Price	no	2007-09-01	2007-07-01	2010-06-30	0.065

	Number	Interagency Acquisition?	Performance based?	Competitively awarded?	Alternative Financing Option?	EVM in contract?	Include sec & priv clauses?
1	1435-04-03-CT-73758/74024	yes	no	no	NA	no	yes
2	NRC-09-07-126	no	no	yes	NA	yes	yes
3	DR070188	no	no	no	NA	no	yes
4	TBD	no	no	no	NA	no	yes
5	TBD	no	no	no	NA	no	yes
6	TBD	no	no	no	NA	no	yes

	Number	CO Name	CO Contact	CO Certification Level	If N/A, CO Competent?
1	1435-04-03-CT-73758/74024	Alan Adrian	703-787-1183 alan.adrian@mms.gov	3	
2	NRC-09-07-126	Stephen Pool	301-415-8168 smp2@nrc.gov	3	
3	DR070188	Stephen Pool	301-415-8168 smp2@nrc.gov	3	
4	TBD	Stephen Pool	301-415-8168 smp2@nrc.gov	3	
5	TBD	Stephen Pool	301-415-8168 smp2@nrc.gov	3	
6	TBD	Stephen Pool	301-415-8168 smp2@nrc.gov	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:

CAS was in steady state when the O&M contract was awarded before EVM was required. Contract performance is evaluated monthly through status reports which track hours for operations and maintenance. The hours & costs associated with the O&M contract, are verified by the project manager and contracting officer against hours & costs submitted by the contractor in billings. Discrepancies are resolved with the contractor prior to approval of payment. An operational analysis is also used to evaluate whether these contracts are performing within budgetary requirements. Target deliverable dates are monitored and tracked in Rational ClearQuest. For all future contracts, the use of EVM will be evaluated on a case-by-case basis and the decision to incorporate EVM will be based on overall risk reduction for the NRC. Contracts 3,4,5 & 6 are commodities purchases for software licenses and therefore perfomance based contracts and competitive awards are not applicable.

3. Do the contracts ensure Section 508 compliance?
yes

3.a. Explain why.

The Cost Accounting System (CAS) was developed & the O&M contract was awarded prior to the section 508 requirement. NRC has an established reasonable accommodation process in accordance with Federal Acquisition Requirements. Applicable language is referenced in contractual vehicles associated with the maintenance contract and the software license renewals for CAS.

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

4.a. If yes, what is the date?
2007-08-31

PERFORMANCE

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 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.

	Fiscal Year	Strategic Goal Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
1	2006	Management	Mission and Business Results	Reporting and Information	Cost Management Reports are delivered to management to assist in operational analysis and budgetary decisions. These reports also support management in gaining a clean audit opinion.	0 end-users have desk-top access and ad-hoc capabilities regarding financial performance data and utilizing it for day-to-day decision making	8 end-users will have desk-top access and ad-hoc capabilities regarding financial performance data and utilizing it for day-to-day decision making	0 end-users will have desk-top access. Due to limited resources and management's intention to replace the core financial system within the next few years, it was determined that this initiative would not be pursued.
2	2006	Effectiveness	Customer Results	Automation	Provide more detailed cost information to offices. This aides offices in identifying poorly performing areas.	2 cost models and 13 reports available to customers	3 cost models and 16 reports	3 cost models and 16 reports
3	2006	Management	Processes and Activities	Compliance	New FISMA regulations are adhered to & the business continuity plan is updated & tested. FISMA materials are reviewed annually to verify continued appropriate IT security measures are implemented to reduce overall risk to the government.	Maintain compliance with governing legislation as it evolves within 7 months of issuance	Maintain compliance with governing legislation as it evolves within 6 months of issuance	C&A. completed 8/9/2007
4	2006	Effectiveness	Technology	Response Time	Improve processing time	New performance	Achieve a 2% decrease in	Achieved a 2% decrease

					for data analysis to allow management and other customers to receive data more rapidly. This allows for a faster decision making & speeds workflow in budgetary as well as statement areas	measure for FY 06.Achieve a 2% decrease in processing time.	processing time.	in processing time.
5	2007	Management	Mission and Business Results	Reporting and Information	Cost Management Reports are delivered to management to assist in operational analysis and budgetary decisions. These reports also support management in gaining a clean audit opinion.	Distribute cost management reports to within 15 business days of the close of the period	Distribute cost management reports to within 10 business days of the close of the period	Distributed cost management reports to within 10 business days of the close of the period
6	2007	Effectiveness	Customer Results	Automation	Provide more detailed cost information to offices. This aides offices in identifying poorly performing areas.	3 cost models and 16 reports	3 cost models and 17 reports	3 cost models and 17 reports
7	2007	Management	Processes and Activities	Compliance	New FISMA regulations are adhered to & the business continuity plan is updated & tested. FISMA materials are reviewed annually to verify continued appropriate IT security measures are implemented to reduce overall risk to the government.	Maintain compliance with governing legislation as it evolves within 6 months of issuance	Maintain compliance with governing legislation as it evolves within 5 months of issuance	Maintained compliance with governing legislation as it evolves within 5 months of issuance
8	2007	Effectiveness	Technology	Response Time	Improve processing time for data analysis to allow management and other	Achieve a 10% decrease in processing time	Achieve a 10% decrease in processing time	Pending

					customers to receive data more rapidly. This allows for a faster decision making & speeds workflow in budgetary as well as statement areas			
9	2008	Openness	Mission and Business Results	Reporting and Information	Cost Management Reports are delivered to management to assist in operational analysis and budgetary decisions. These reports also support management in gaining a clean audit opinion.	Distribute cost management reports to within 10 business days of the close of the period.	Distribute cost management reports to within 9 business days of the close of the period.	Pending
10	2008	Effectiveness	Customer Results	Automation	Provide more detailed cost information to offices. This aides offices in identifying poorly performing areas.	3 cost models and 17 reports	3 cost models and 21 reports	Pending
11	2008	Management	Processes and Activities	Compliance	New FISMA regulations are adhered to & the business continuity plan is updated & tested. FISMA materials are reviewed annually to verify continued appropriate IT security measures are implemented to reduce overall risk to the government.	Maintain compliance with governing legislation as it evolves within 5 months of issuance	Maintain compliance with governing legislation as it evolves within 4 months of issuance	Pending
12	2008	Effectiveness	Technology	Response Time	Improve processing time for data analysis to allow management and other customers to receive data more rapidly. This allows for a faster	Achieve a 10% decrease in processing time	Achieve a 15% decrease in processing time	Pending

					decision making & speeds workflow in budgetary as well as statement areas			
13	2009	Management	Mission and Business Results	Reporting and Information	Cost Management Reports are delivered to management to assist in operational analysis and budgetary decisions. These reports also support management in gaining a clean audit opinion.	Distribute cost management reports to within 9 business days of the close of the period.	Distribute cost management reports to within 8 business days of the close of the period.	Pending
14	2009	Effectiveness	Customer Results	Automation	Provide more detailed cost information to offices. This aides offices in identifying poorly performing areas.	3 cost models and 21 reports	3 cost models and 23 reports	Pending
15	2009	Management	Processes and Activities	Compliance	New FISMA regulations are adhered to & the business continuity plan is updated & tested. FISMA materials are reviewed annually to verify continued appropriate IT security measures are implemented to reduce overall risk to the government.	Maintain compliance with governing legislation as it evolves within 4 months of issuance	Maintain compliance with governing legislation as it evolves within 3 months of issuance	Pending
16	2009	Effectiveness	Technology	Response Time	Improve processing time for data analysis to allow management and other customers to receive data more rapidly. This allows for a faster decision making & speeds workflow in budgetary as	Achieve a 15% decrease in processing time	Achieve a 20% decrease in processing time	Pending

					well as statement areas			

SECURITY & PRIVACY

In order to successfully address this area of the business case, each question below must be answered at the system/applicatiÂon 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.

For all investments, please respond to the questions below and verify the system owner took the following actions:

1. Identified the IT security costs for the system(s) and have integrated those costs into the overall costs of the investment:

yes

1.a. If yes, provide the Percentage IT Security for the budget year.

13.64

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

4. Operational Systems

System Name	Agency or Contractor?	Risk Impact Level	Completed C&A?	C&A Completion Date	Security Control Test Standard	Security Control Test Date	Contingency Plan Test Date
Cost Accounting System - System	Contractor and Government	Moderate	yes	2007-08-09	FIPS 200 / NIST 800-53	2007-07-25	2007-04-24

5. Have any weaknesses related to any of the systems part of or supporting this investment been identified by the agency or IG?

yes

5.a. If yes, have those weaknesses been incorporated into the agency's plan of action and milestone process?

yes

6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses?

no

7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above?

Third-party providers of information system services are contractually bound to adhere to national policy as defined in federal legislation and regulatory guidance, as well as NRC policies when a contract is signed. Third-party provider compliance with security procedures are validated through auditing and/or an independent verification and validation. Contractor security procedures are monitored by the NRC's security Office. Contractors are required to pass a background check which includes financial and legal aspects. Audit logs are produced which are reviewed by the Information system security Officer. Contractors are required to take an online IT security course each year which is tracked by the agency and each office. Every contractor is reinvestigated every 5 to 10 years depending on level of security clearance. Upon termination of employment all badges and access to it systems are removed immediately. The production, development, and test systems associated with this investment are administered and operated by contractors and government staff. These systems are used by contractors and NRC employees. As part of the annual NIST 800-53 control tests, contractor security procedures are monitored, verified, and validated. Specific systems and network security requirements (i.e., non-personnel security requirements), are either explicitly defined in the statement of work (SOW) or included as additional requirements for the contractor.

8. System Privacy Data

System Name	New System?	Is there a PIA?	PIA Internet Link or Explanation	Is SORN required?	SORN Internet Link or Explanation
Cost Accounting System - System	no	yes	http://www.nrc.gov/about-nrc/plans/privacy-impcat-asess.html	yes	The SORN for the Cost accounting system is NRC 21 Payroll Accounting Records in the link below. http://www.nrc.gov/reading-rm/foia/privacyact-system-of-records.pdf

	EA

In order to successfully address this area of the business case and capital asset plan you must ensure the investment is included in the agency's EA and Capital Planning and Investment Control (CPIC) process, and is mapped to and supports the FEA. You must also ensure the business case demonstrates 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

2. Is this investment included in the agency's EA Transition Strategy?

yes

2.a. If yes, provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment.

Cost Accounting System

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

no

4. 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.whitehouse.gov/omb/egov/.

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

Reused Name and UPI: 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.

Internal or External Reuse?: 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.

Funding Percentage: Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the funding level transferred to another agency to pay for the service.

	Agency Component Name	Agency Component Description	Service Type	Component	Reused Component Name	Reused UPI	Internal or External Reuse?	Funding %
1	Decision Support and Planning	CAS data supports the analysis of information to be used in decision making by the agency	Business Intelligence	Decision Support and Planning			No Reuse	14
2	Auditing	CAS data supports creation of the NRC financial statement	Financial Management	Auditing			No Reuse	8
3	Extraction and Transformation	CAS supports SFFAS # 4 cost accounting reports	Data Management	Extraction and Transformation			No Reuse	5
4	Categorization	CAS allows for the classification of documents into various categories and statuses	Knowledge Management	Categorization			No Reuse	5
5	Demand Forecasting/Mgmt	CAS supports the multidimensional analysis of NRC cost data	Business Intelligence	Demand Forecasting / Mgmt			No Reuse	5
6	Resource Planning and Allocation	CAS supports making available labor cost information necessary for sound workforce and budget-performance planning	Human Capital / Workforce Management	Resource Planning and Allocation	Resource Planning and Allocation	429-00-01-01-01-2015-00	Internal	10

7	Knowledge Distribution	CAS distributes information to the system users	Knowledge Management	Knowledge Distribution and Delivery			No Reuse	2
8	Data Classification	CAS allows for the classification of data	Data Management	Data Classification			No Reuse	2
9	Mathematical	CAS supports statistical inference based on the data that is collects and maintains	Analysis and Statistics	Mathematical			No Reuse	1
10	Data Integration	CAS supports the organization of data from multiple agencies into a single source	Development and Integration	Data Integration			No Reuse	1
11	Billing and Accounting	CAS supports the charging, collection and reporting of NRC's accounts	Financial Management	Billing and Accounting			No Reuse	2
12	Information sharing	CAS supports the organization and delivery of multiple user requests	Knowledge Management	Information Sharing			No Reuse	1
13	Ad Hoc	CAS provides dynamic reporting capabilities	Reporting	Ad Hoc			No Reuse	3
14	Query	CAS provides complete search and retrieval services	Search	Query			No Reuse	1
15	Data Mart	CAS supports a cost accounting data mart	Data Management	Data Mart			No Reuse	2
16	Standardized/ Canned	CAS provides preformatted reports	Reporting	Standardized / Canned			No Reuse	4
17	Data Cleansing	CAS automates removal of erroneous data from the system	Data Management	Data Cleansing			No Reuse	2
18	Pattern Matching	CAS provides conduct and context in its search capability	Search	Pattern Matching			No Reuse	2
19	Information Retrieval	CAS allows access to information	Knowledge Management	Information Retrieval			No Reuse	1
20	Expense Management	CAS supports the management and reimbursement of costs paid by employees or the NRC	Financial Management	Expense Management			No Reuse	1
21	Data Exchange	CAS supports exchange of data with other agency applications	Data Management	Data Exchange			No Reuse	2
22	Activity-Based Management	CAS supports a specific set of finance-related tasks for a given objective	Financial Management	Activity-Based Management			No Reuse	1
23	Knowledge Capture	CAS facilitate the collection of data and information	Knowledge Management	Knowledge Capture			No Reuse	1
24	Loading and	CAS financial data is	Data	Loading and			Internal	1

	Archiving	archived after it is no longer needed for active financial management	Management	Archiving					
25	Data Warehouse	CAS stores multi-year financial information, serving as an historical database	Data Management	Data Warehouse				No Reuse	2
26	Data Recovery	CAS provides recovery services for lost data	Data Management	Data Recovery				No Reuse	1
27	Access Control	CAS assigns and manages roles for its users	Security Management	Access Control				No Reuse	2
28	Digital Rights Management	CAS supports the ownership of intellectual capital belonging to the NRC	Records Management	Digital Rights Management				No Reuse	2
29	Software Development	Some software maintenance work is done to maintain the CAS system and to support operations and maintenance activities	Development and Integration	Software Development				No Reuse	1

5. 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: 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.

Service Specification: 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.

	SRM Component	Service Area	Service Category	Service Standard	Service Specification (i.e., vendor and product name)
1	Decision Support and Planning	Service Platform and Infrastructure	Delivery Servers	Application Servers	ALG Metify 2.07
2	Auditing	Service Platform and Infrastructure	Support Platforms	Platform Dependent	COGNOS Impromptu 6.1 and Powerplay 6.61
3	Extraction and Transformation	Service Platform and Infrastructure	Database / Storage	Database	Sybase ver. 12
4	Categorization	Service Platform and Infrastructure	Delivery Servers	Application Servers	ALG Metify 2.07
5	Demand Forecasting / Mgmt	Service Platform and Infrastructure	Delivery Servers	Application Servers	ALG Metify 2.07
6	Resource Planning and Allocation	Service Platform and Infrastructure	Delivery Servers	Application Servers	ALG Metify 2.07
7	Knowledge Distribution and Delivery	Service Platform and Infrastructure	Delivery Servers	Application Servers	COGNOS Impromptu 6.1 and Powerplay 6.61
8	Data Classification	Service Platform and Infrastructure	Database / Storage	Database	Sybase ver. 12
9	Mathematical	Service Platform and Infrastructure	Delivery Servers	Application Servers	ALG Metify 2.07
10	Data Integration	Component Framework	Data Management	Database Connectivity	ODBC 5.1

11	Billing and Accounting	Service Platform and Infrastructure	Support Platforms	Platform Dependent	COGNOS Impromptu 6.1 and Powerplay 6.61
12	Information Sharing	Service Platform and Infrastructure	Delivery Servers	Application Servers	COGNOS Impromptu 6.1 and Powerplay 6.61
13	Ad Hoc	Service Platform and Infrastructure	Delivery Servers	Application Servers	COGNOS Impromptu 6.1 and Powerplay 6.61
14	Query	Service Platform and Infrastructure	Delivery Servers	Application Servers	ALG Metify 2.07
15	Data Mart	Service Platform and Infrastructure	Database / Storage	Database	Sybase ver. 12
16	Standardized / Canned	Service Platform and Infrastructure	Delivery Servers	Application Servers	COGNOS Impromptu 6.1 and Powerplay 6.61
17	Data Cleansing	Service Platform and Infrastructure	Database / Storage	Database	Sybase ver. 12
18	Pattern Matching	Service Platform and Infrastructure	Delivery Servers	Application Servers	COGNOS Impromptu 6.1 and Powerplay 6.61
19	Information Retrieval	Service Platform and Infrastructure	Delivery Servers	Application Servers	COGNOS Impromptu 6.1 and Powerplay 6.61
20	Expense Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent	COGNOS Impromptu 6.1 and Powerplay 6.61
21	Data Exchange	Service Platform and Infrastructure	Database / Storage	Database	Sybase ver. 12
22	Activity-Based Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	ALG Metify 2.07
23	Knowledge Capture	Service Platform and Infrastructure	Database / Storage	Database	Sybase ver. 12
24	Loading and Archiving	Service Platform and Infrastructure	Database / Storage	Database	Sybase ver. 12
25	Data Warehouse	Service Platform and Infrastructure	Database / Storage	Database	Sybase ver. 12
26	Data Recovery	Service Platform and Infrastructure	Database / Storage	Database	Sybase ver. 12
27	Access Control	Service Platform and Infrastructure	Support Platforms	Platform Dependent	Windows 2003 Server SP1
28	Digital Rights Management	Service Platform and Infrastructure	Database / Storage	Storage	Sybase ver. 12
29	Software Development	Component Framework	Business Logic	Platform Dependent	MS Visual Studio 2003/C # 2.0/Visual Basic 6.3

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

no

RISK
You should perform a risk assessment during the early planning and initial concept phase of the investmentâ€™s life-cycle, develop a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investmentâ€™s life-cycle.
Answer the following questions to describe how you are managing investment risks.
1. Does the investment have a Risk Management Plan?
yes
1.a. If yes, what is the date of the plan?
2007-08-06
1.b. Has the Risk Management Plan been significantly changed since last year's submission to OMB?
no

COST & SCHEDULE

1. Was operational analysis conducted?

yes

1.a. If yes, provide the date the analysis was completed.

2007-09-30

What were the results of your operational analysis?

In the area of strategic impact and effectiveness the Operational Analysis found that the Cost Accounting System was operating effectively. The CAS achieved an ATO on 8/9/2007 and is in compliance with all applicable governing regulations in the financial management area. No intrusions have occurred to the system within the past year leading to no loss or compromise in data. In the area Customer satisfaction the operational Analysis found the following points. 1.) All reports are produced and delivered to management and customers on a timely basis to management in order for management to make effective and timely decisions. 2.) CAS currently has 3 models and seventeen reports available to users. In the area of Internal Business the Operational Analysis found the following Points. 1.) There are no budgetary constraints or issues that will effect the continued operation of the system. 2.) There have been no unexpected costs for CAS. 3.) The software that is used to operate the system is supported by the manufacturers so that no undue cost will occur due to obsolescence. 4.) The CAS was in operation 99% of the time. The Operational Analysis found the following points in the area of Innovation. 1.) Performance gains can be achieved through decreased processing time. 2.) Also there are plans to move toward a shared service provider by integrating the Cost Accounting System into the new Core Financial System (CFS) which will lead to savings for the agency in FY2010. The new core financial system (CFS) is envisioned to replace five current systems: FFS, License Fee Billing System (FEES), the Allowance/Allotment and Financial Plan (AAFP) system, the Capitalized Property System (CPS Excel) and the Cost Accounting System (CAS) to achieve further efficiencies for the agency.

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).

What costs are included in the reported Cost/Schedule Performance information?

Contractor and Government

	Description of Milestone	Planned End Date	Actual End Date	Planned Total Cost ($mil)	Actual Total Cost ($mil)	Schedule Variance (# of days)	Cost Variance ($mil)
1	CAS Planning	2001-09-30	2001-09-30	0.500	0.500	0	0.000
2	CAS Development	2002-09-30	2002-09-30	1.611	1.506	0	-0.105
3	CAS Steady State FY03	2003-09-30	2003-09-30	0.302	0.301	0	-0.001
4	CAS Steady State FY04	2004-09-30	2004-09-30	0.535	0.512	0	-0.023
5	CAS Steady State FY05	2005-09-30	2005-09-30	0.634	0.633	0	-0.001
6	CAS Steady State FY06	2006-09-30	2006-09-30	0.587	0.572	0	-0.015
7	CAS Steady State FY07	2007-09-30	2007-09-30	0.375	0.375	0	0.000
8	CAS Steady State FY08	2008-09-30		0.619			
9	CAS Steady State FY09	2009-09-30		0.733			