

BY09 Capital Asset Plan and Business Case Summary Exhibit 300

PART I: SUMMARY INFORMATION AND JUSTIFICATION

In Part I, complete Sections A, B, C, and D for all capital assets (IT and non-IT). Complete Sections E and F for IT capital assets.

Submission Date Time:

09/08/2007

Submission Id: 4,372

Section A: Overview (All Capital Assets)

The following series of questions are to be completed for all investments to help OMB to identify which agency and bureau is responsible for managing each capital asset, which OMB MAX budget account funds the project, the kind of the project, who to contact with questions about the information provided in the exhibit 300, and whether or not it is an IT or a non-IT capital asset.

| | |
|---|--|
| (1) Date of Submission: | 2007-09-11-04:00 |
| (2) Agency: | 422 |
| (3) Bureau: | 00 |
| (4) Name of this Capital Asset: (250 Character Max) | IT Infrastructure, Office Automation, and Telecommunications |
| (5) Unique ID (Unique Project Identifier): | 422-00-02-00-01-0032-00 |
| Format xxx-xx-xx-xx-xx-xxxx-xx (For IT investments only, see section 53. For all other, use agency ID system.) | |
| | |
| (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? | FY2001 or earlier |

(8) Provide a brief summary and justification for this investment, including a brief description of how this closes a gap in part or in whole an identified agency performance gap: (2500 Char Max)

NSF's physical and IT-enabled business infrastructure supports the operation of mission-essential IT applications and Office Automation activities, including its Telecommunications requirements. NSF has established an overall program for managing all Infrastructure, Office Automation, and Telecommunications (I/OA/T) projects to ensure that these investments are integrated and managed across NSF in an overall strategy consistent with NSF's strategic vision and enabling both project and technical consolidation and integration across NSF.

| | |
|---|------------------|
| (9) Did the Agency's Executive/Investment Committee approve this request? | yes |
| a. If "yes," what was the date of this approval? | 2007-08-20-04:00 |
| | |
| (10) Did the Project Manager review this Exhibit? | yes |

(11) Contact Information of Project Manager?

| | |
|---------------|------------------|
| Name: | Alvin B. Charity |
| Phone Number: | 703-292-4215 |
| E-Mail: | acharity@nsf.gov |

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

Senior/Expert-level

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

no

| | |
|--|-----------|
| (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) | Select... |
| [1] If "yes," is an ESPC or UESC being used to help fund this investment? | Select... |
| [2] If "yes," will this investment meet sustainable design principles? | Select... |
| [3] If "yes," is it designed to be 30% more energy efficient than relevant code? | Select... |

(13) Does this investment support one of the PMA initiatives? yes

If "yes," select all that apply:

| |
|--|
| President's Management Agenda (PMA) Initiatives |
| Expanded E-Government |

a. Briefly describe how this asset directly supports the identified initiative(s)?

Investment in the NSF infrastructure supports the President's Management Agenda goals by providing direct support to key government-wide eGov initiatives such as Grants.gov, eAuthentication and Research.gov. NSF completed the development of Research and Related data sets for Grants.gov. NSF implemented the e-authentication applications. NSF will implement the first series of deployments for Research.Gov functionality as a consortia lead.

(14) Does this investment support a program assessed using OMB's Program Assessment Rating Tool (PART)?

no

| | |
|---|-----------|
| (a) If "yes," does this investment address a weakness found during a PART review? | Select... |
|---|-----------|

| | |
|--|-----------|
| (b) If "yes," what is the name of the PARTed program ? | |
| (c) If "yes," what rating did the PART receive? | Select... |

(15) Is this investment for information technology? (see section 53 for definition)
yes

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

| | |
|--|---|
| (16) What is the level of the IT Project (per CIO Council PM Guidance)? | Level 2 |
| (17) What project management qualifications does the Project Manager have? (per CIO Council PM Guidance): | (1) Project manager has been validated as qualified for this investment |
| (18) Is this investment identified as "high risk" on the Q4 - FY 2007 agency high risk report (per OMB's Memorandum M-05-23)? | no |
| (19) Is this a financial management system? | no |
| (a) If "yes," does this investment address a FFMIA compliance area? | Select... |
| [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 FY2008 funding request for the following?
(This should total 100%)

| Hardware %: | Software %: | Services %: | Other %: | Total % |
|-------------|-------------|-------------|----------|---------|
| 24 | 15 | 55 | 6 | 100 |

(21) If this project produces information dissemination products for the public, are these products published to the Interconformance 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: | Leslie A. Jensen |
| Phone Number: | 703-292-8060 |

| | |
|----------------|-------------------------|
| Title: | NSF Privacy Act Officer |
| E-Mail: | ljensen@nsf.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

Section B: Summary of Funding (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) | | | | | | | | | |
|--|--|-----------------|-----------------|-----------------|-------------------|------------------|------------------|-----------------------------|--------------|
| 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 (Spending Prior to 2007) | PY 2007 | CY 2008 | BY 2009 | BY +1 2010 | BY+2 2011 | BY+3 2012 | BY+4 2013 and beyond | Total |
| Planning | \$0.000 | \$0.000 | \$0.000 | \$0.000 | | | | | |
| Acquisition | \$0.000 | \$0.000 | \$0.000 | \$0.000 | | | | | |
| Subtotal Planning & Acquisition | \$0.000 | \$0.000 | \$0.000 | \$0.000 | | | | | |
| Operations & Maintenance | \$72.100 | \$16.100 | \$17.600 | \$29.083 | | | | | |
| TOTAL | \$72.100 | \$16.100 | \$17.600 | \$29.083 | | | | | |
| Government FTE Costs should not be included in the amounts provided above. | | | | | | | | | |
| Government FTE Costs | \$2.880 | \$2.880 | \$2.880 | \$2.880 | | | | | |
| Number of FTE represented by cost | 19 | 19 | 19 | 19 | | | | | |

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

(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.

Due to budget constraints, spending for IT Infrastructure was less than approved for FY06. NSF mitigated the effects of this by addressing only the highest priority maintenance and regulatory requirements.

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

(1) Complete the table for all contracts and/or task orders in place or planned for this investment:

Contract or Task Order Number: DSI/D040008 Type of Contract/TO Used: GSA Schedule, Time and Material Delivery Order

Has the Contract Being Awarded: yes

Contract Actual/Planned Award Date:

12/01/2003

Contract/TO Start Date:

12/01/2003

Contract/TO End Date:

11/30/2008

Contract/TO Total Value (\$M): \$33.900 Inter Agency Acquisition: no

Performance Based Contract: no

Competitively Awarded Contract: yes

Alternative Financing: NA EVM Required: no

Security Privacy Clause: yes

Contracting Officer (CO) Contact Information:

CO Name: Steven Strength

CO Contact Information (Phone/Email): 703-292-4567, sstrength@nsf.gov

CO Certification Level (Level 1, 2, 3, N/A): 2

If N/A has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition? (Y/N) Select...

Contract or Task Order Number: AMT/B040008 Type of Contract/TO Used: GSA Schedule, Time and Material Delivery Order

Has the Contract Being Awarded: yes

Contract Actual/Planned Award Date:

12/01/2003

Contract/TO Start Date:

12/01/2003

Contract/TO End Date:

11/30/2008

Contract/TO Total Value (\$M): \$29.000 Inter Agency Acquisition: yes

Performance Based Contract: no

Competitively Awarded Contract: yes

Alternative Financing: NA EVM Required: no

Security Privacy Clause: no

Contracting Officer (CO) Contact Information:

CO Name: Steven Strength

CO Contact Information (Phone/Email): 703-292-4567, sstrength@nsf.gov

CO Certification Level (Level 1, 2, 3, N/A): 2

If N/A has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition? (Y/N) Select...

Contract or Task Order Number: IBM/0552021 Type of Contract/TO Used: Time and Materials

Has the Contract Being Awarded: yes

Contract Actual/Planned Award Date:

06/01/2005

Contract/TO Start Date:

06/01/2005

Contract/TO End Date:

09/30/2008

Contract/TO Total Value (\$M): \$9.000 Inter Agency Acquisition: yes

Performance Based Contract: no

Competitively Awarded Contract: yes

Alternative Financing: NA EVM Required: no

Security Privacy Clause: yes

Contracting Officer (CO) Contact Information:

CO Name: Steven Strength

CO Contact Information (Phone/Email): 703-292-4567, sstrength@nsf.gov

CO Certification Level (Level 1, 2, 3, N/A): 2

If N/A has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition? (Y/N) Select...

(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:

Project is specific to operations and maintenance work thus EVM is not required.

(3) Do the contracts ensure Section 508 compliance? yes

Section 508 Compliance Explanation:

Section 508 compliance is reviewed in the planning and implementation stages of Infrastructure activities

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

yes

(a) If "yes", what is the date?

07/01/2004

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

[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 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.

| Fiscal Year | Strategic Goal(s) Supported | Measurement Area IT | Measurement Grouping IT | Measurement Indicator | Baseline | Planned Improvement to the Baseline | Actual Results |
|-------------|-----------------------------|------------------------------|-------------------------------|--|--|-------------------------------------|---|
| 2007 | Stewardship | Technology | Availability | Provide 99.9% Service Availability | Provide 99% Service Availability | | 99.999% Service Availability met. |
| 2007 | Stewardship | Customer Results | Availability | Provide 99.9% of Office Automation and Telecommunications Availability | Provide 99.9% Service Availability | | 99.9% Service Availability met. |
| 2007 | Stewardship | Processes and Activities | Security | Deploy 99% of OS Critical Patches | 99.5% of Server and Desktop Patches are deployed | | 99% of Desktops and Server have current patches installed |
| 2007 | Stewardship | Mission and Business Results | IT Infrastructure Maintenance | 70% of Network Backbone Equipment is IPv6 capable and is running IPV6 capable software/firmware. | | | |
| 2008 | Stewardship | Customer Results | Customer Satisfaction | Provide 95% Customer HelpDesk Satisfaction | | | |
| 2008 | Stewardship | Technology | Availability | Provide 99.9% Service Availability | | | |
| 2008 | Stewardship | Mission and Business Results | Availability | Provide 99.9% of Proposal, Grants and Financial Business Applications Availability | | | |
| 2008 | Stewardship | Processes and Activities | Security | Deploy 99% of OS Critical Patches | | | |

| | | | | | | | |
|------|-------------|------------------------------|-------------------------------|---|--|--|--|
| 2008 | Stewardship | Processes and Activities | Security | Establish provisioning of 100% user accounts | | | |
| 2008 | Stewardship | Mission and Business Results | IT Infrastructure Maintenance | 100% of Network Backbone Equipment is IPv6 capable and is running IPV6 capable software/firmware. | | | |
| 2009 | Stewardship | Customer Results | Customer Satisfaction | Provide 96% Customer HelpDesk Satisfaction | | | |
| 2009 | Stewardship | Technology | Availability | Provide 99.9% Service Availability | | | |
| 2009 | Stewardship | Mission and Business Results | Availability | Provide 99.9% of Proposal, Grants and Financial Business Applications Availability | | | |
| 2009 | Stewardship | Processes and Activities | Security Management | Deploy 99% of OS Critical Patches | | | |

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: **yes**

(a) If "yes," provide the "Percentage IT Security" for the budget year: **4.0**

(2) Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment. **yes**

(3) Systems in Planning - Security:

| Name Of System | Agency Or Contractor Operated System? | Planned Operational Date | Planned or Actual C&A Completion Date |
|----------------|---------------------------------------|--------------------------|---------------------------------------|
|----------------|---------------------------------------|--------------------------|---------------------------------------|

(4) Operational Systems - Security:

| Name Of System | Agency Or Contractor Operated system | NIST FIPS 199 Risk Impact Level (High, Moderate, Low) | Has the C&A been completed using NIST 800-37? | Date C&A Complete | What standards we used for the Security Controls tests? | Date Completed Security Control Testing | Date Contingency Plan Tested |
|---------------------|--------------------------------------|---|---|-------------------|---|---|------------------------------|
| NSF GSS | Contractor and Government | Moderate | yes | 09/26/05 | FIPS 200 / NIST 800-53 | 05/14/07 | 05/30/07 |
| NSF Network/LAN GSS | Contractor and Government | Moderate | yes | 05/30/07 | FIPS 200 / NIST 800-53 | 04/17/07 | 05/31/07 |

(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? **yes**

(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

(a) If "yes," specify the amount, a general description of the weakness, and 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?

Yes, NSF uses a range of methods to review the security of operations through contract requirements, project management oversight and review, certification and accreditation processes, IG independent reviews, proactive testing of controls through penetration testing and vulnerability scans to ensure services are adequately secure and meet the

requirements of FISMA, OMB policy, NIST guidelines and NSF policy. The system is operated on-site by a team of contractors and NSF personnel with system administrators tightly controlling access to the systems as well as signed "rules of behavior". Only administrators with current need have access to the system, and strict code migration, quality control, and configuration management procedures prevent deployment of hostile or vulnerable software on the systems. Contractors are trained in the same security measures as NSF employees. All NSF employees and contract staff are required to complete an on-line security training class each year, including the rules of behavior. IT security requirements are stated in the contract's statement of work. Contractor security procedures are monitored, verified, and validated by the agency in the same way as for government employees. Background checks are updated when contracts are renewed. Once on board, contractors are allowed access to the NSF systems based on their specific job requirements. Audit logs are also implemented to monitor operating system changes - these audit logs are reviewed regularly (at least weekly) by the system administrators. Additionally, IT roles and responsibilities are separated to allow for checks and balances between infrastructure and application teams.

(8) Planning and Operational Systems - Privacy Table:

| (a) Name Of System | (b) Is this a new system? | (c) Is there atleast one PIA which covers this system? (Y/N) | (d) Internet Link or Explanation | (e) Is a System Records Notice (SORN) required for this system? | (f) Internet Link or Explanation |
|---------------------|---------------------------|--|--|---|---|
| NSF GSS | no | no | 2. No, because a PIA is not yet required to be completed at this time. | no | 5. No, because the system is not a Privacy Act system of records. |
| NSF Network/LAN GSS | no | no | 2. No, because a PIA is not yet required to be completed at this time. | no | 5. No, because the system is not a Privacy Act system of records. |

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 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
 - (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. | IT Infrastructure |
| 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.
Network Infrastructure

(4) Identify the service components funded by this major IT investment (e.g., knowledge management, content manager 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 | FEASRM Service Type | FEA SRM Component (a) | FEA Service Component Reused (b) | | Internal External Reuse (c) | Funding Percentage (d) |
|-----------------------|---|----------------------------------|----------------------------|----------------------------------|------------------------------|-----------------------------|------------------------|
| | | | | Reused Service Component Name | Reused Service Component UPI | | |
| ITHCS | Help Desk Support | Customer Relationship Management | Call Center Management | Select... | | No Reuse | 30 |
| Network | Network/LAN Infrastructure Services | Organizational Management | Network Management | Select... | | No Reuse | 15 |
| Datacenter | Operations and Business Application Infrastructure Support Services | Systems Management | System Resource Monitoring | Select... | | No Reuse | 46 |

| | | | | | | | |
|---------|---|---------------|----------------------|-----------|--|----------|---|
| Email | Electronic Mail Infrastructure Services | Collaboration | Email | Select... | | No Reuse | 5 |
| Telcomm | Telecommunications | Communication | Voice Communications | Select... | | No Reuse | 3 |

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 this column can, but are not required to, add up to 100%.

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 (a) | FEA TRM Service Area | FEA TRM Service Category | FEA TRM Service Standard | FEA Service Specification (b) |
|----------------------------|-------------------------------------|---------------------------|--------------------------------|-------------------------------|
| Call Center Management | Service Platform and Infrastructure | Delivery Servers | Application Servers | Siebel |
| Call Center Management | Service Platform and Infrastructure | Delivery Servers | Application Servers | Radia |
| Network Management | Service Platform and Infrastructure | Delivery Servers | Application Servers | MS Office Products |
| Network Management | Service Platform and Infrastructure | Hardware / Infrastructure | Local Area Network (LAN) | CISCO Switches & Routers |
| System Resource Monitoring | Service Platform and Infrastructure | Hardware / Infrastructure | Servers / Computers | SUN One |
| System Resource Monitoring | Service Platform and Infrastructure | Delivery Servers | Application Servers | BMC Patrol |
| Email | Service Access and Delivery | Access Channels | Collaboration / Communications | Exchange |

| | | | | |
|----------------------|-----------------------------|-----------------|--------------------------------|-------------------|
| Voice Communications | Service Access and Delivery | Access Channels | Collaboration / Communications | Siemens Hicom PBX |
|----------------------|-----------------------------|-----------------|--------------------------------|-------------------|

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.

PART III: For “Operation and Maintenance” Investments ONLY (Steady State)

Part III should be completed *only* for investments which will be in “Operation and Maintenance” (Steady State) in response to Question 6 in Part I, Section A above.

Section A: 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.

Answer the following questions to describe how you are managing investment risks.

1. Does the investment have a Risk Management Plan? **yes**

a. If “yes,” what is the date of the plan?

07/01/2004

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? **Select...**

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)

Answer the following questions about how you are currently managing this investment.

1. Was an operational analysis conducted? **yes**

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

03/31/2006

b. If "yes," what were the results? (Max 2500 Characters)

Plan provided recommendation to re-engineer existing network to accommodate next generation Network Services.

c. If "no," please explain why it was not conducted and if there are any plans to conduct an operational analysis in the future? (Max 2500 Characters)

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). Indicate if the information provided includes government and contractor costs:

a. What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)?

Contractor Only

| Description of Milestone (Max 50 Characters) | Planned | | Actual | | Baseline Schedule Variance (#Days) | Baseline Cost Variance (\$M) |
|--|-----------------|------------------|-----------------|-------------------|------------------------------------|------------------------------|
| | Completion Date | Total Cost (\$M) | Completion Date | Total Costs (\$M) | | |
| FY03 Steady State Operations | 09/30/2003 | \$18.200 | 09/30/2003 | \$18.300 | 0 | \$0.000 |
| FY04 Steady State Operations | 09/30/2004 | \$18.200 | 09/30/2004 | \$17.800 | 0 | \$0.000 |
| FY05 Steady State Operations | 09/30/2005 | \$16.200 | 09/30/2005 | \$16.200 | 0 | \$0.000 |
| FY06 Steady State Operations | 09/30/2006 | \$19.200 | 09/30/2006 | \$19.200 | 0 | \$0.000 |
| FY07 Steady State Operations | 09/30/2007 | \$16.100 | 09/30/2007 | \$16.100 | 0 | \$0.000 |
| FY08 Steady State Operations | 09/30/2008 | \$17.600 | | \$0.000 | 0 | \$0.000 |
| FY09 Steady State Operations | 09/30/2009 | \$29.083 | | \$0.000 | 0 | \$0.000 |

Total Planned Costs: \$253.283 Total Actual Costs:\$87.600