Smithsonian Institution Research Information System (SIRIS)

Exhibit 300: Capital Asset Plan and Business Case Summary
Part I: Summary Information And Justification

Section A: Overview Date of submission: **Sep 8, 2008**

1. Agency: **452**
2. Bureau: **00**
3. Name of this Capital Asset: **Smithsonian Institution Research Information System (SIRIS)**
4. Unique Project (Investment) Identifier: **452-00-01-02-01-1004-00**
5. What kind of investment will this be in FY2010? **Mixed Life Cycle**
6. What was the first budget year this investment was submitted to OMB? **FY2002**
7. 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: **A shared, online, Institution-wide system that extends Smithsonian outreach, the Smithsonian Institution Research Information System (SIRIS) supports management of and public access to the Institution's holdings of 20 libraries, 14 archives, and other specialized research units. Easily accessible via the Web, SIRIS provides worldwide access to three million text records with hyperlinks to images, video and sound files, and electronic journals. SIRIS is based on a commercial software product Horizon-purchased in 1999. This initiative supports Smithsonian performance objectives to provide reference services and information to the public; to improve the stewardship of the national collections for present and future generations; and encourages the modernization of the Institution's information technology systems. This project will help to enlarge the Smithsonian's audience and expand its degree of engagement with the public. In addition, it will enable the Smithsonian to modernize its management systems by bringing each of them to a level of quality and sophistication appropriate to an organization of the size and complexity of the Institution. In this fast changing technology world, the Horizon software product has become outmoded. In March 2007, Horizon's vendor, the SIRSI/Dynix company, announced it is abandoning any further development of its Horizon products, choosing instead to support its other library management system, Symphony, instead. All customers were notified that they must begin planning to move off of Horizon products, as quickly as possible. This request includes a requested increase of $678K for the migration and funding for two additional OCIO staff at the GS-13 level to provide application software maintenance and database management support. At current staffing levels, the SIRIS office has been struggling to provide adequate support. During the past 5 years, the number of participating SIRIS member units has doubled. Database maintenance, system configuration, customized programming, user**

support, and user training needs have risen accordingly. Funding for two additional staff to provide application software maintenance and database management support will ensure that we can adequately keep the old system up and running, even as we work to implement the new system.

8. Did the Agency's Executive/Investment Committee approve this request? **yes**
    a. If "yes," what was the date of this approval? **Jul 31, 2008**
9. Did the Project Manager review this Exhibit? **yes**
10. Contact information of Program/Project Manager?

Name	**Ms. Ching-hsien Wang**
Phone Number	**202-633-5581**
E-mail	**wangch@si.edu**

    a. What is the current FAC-P/PM (for civilian agencies) or DAWIA (for defense agencies) certification level of the program/project manager? **Waiver Issued**
    b. When was the Program/Project Manager Assigned? **Oct 1, 2001**
    c. What date did the Program/Project Manager receive the FAC-P/PM certification? If the certification has not been issued, what is the anticipated date for certification? **Jan 1, 1901**
11. Has the agency developed and/or promoted cost effective, energy efficient and environmentally sustainable techniques or practices for this project. **yes**
    a. Will this investment include electronic assets (including computers)? **yes**
    b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only) **no**
        1. If "yes," is an ESPC or UESC being used to help fund this investment? **[Not answered]**
        2. If "yes," will this investment meet sustainable design principles? **[Not answered]**
        3. If "yes," is it designed to be 30% more energy efficient than relevant code? **[Not answered]**
12. Does this investment directly support one of the PMA initiatives? **yes**
    Expanded E-Government
    a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? **The SIRIS project supports the President's Management Agenda to adapt best commercial practices to reduce operating costs making it simpler for employees to do their jobs and use the Web to provide educational material to the public.**
13. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.) **no**
    a. If "yes," does this investment address a weakness found during a PART review? If "yes," what is the name of the PARTed program?
14. If "yes," what rating did the PART receive?
15. Is this investment for information technology? **yes**

For information technology investments only:

16. What is the level of the IT Project? (per CIO Council PM Guidance) **Level 1**
17. In addition to the answer in 11(a), 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 2008 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 FFMIA compliance area? **no**
        1. If "yes," which compliance area:
    b. If "no," what does it address?
20. 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
21. What is the percentage breakout for the total FY2010 funding request for the following?

Hardware	**18**
Software	**15**
Services	**15**
Other	**52**

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

Name	**Marsha Shaines**
Phone Number	**202-633-5106**
Title	**Acting General Counsel**
E-mail	**shainesm@si.edu**

24. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? **yes**
25. Does this investment directly support one of the GAO High Risk Areas? **no**

Section B: Summary of Spending

1.

	PY-1 and earlier	PY 2008	CY 2009
Planning:	0	0	0
Acquisition:	0	0	0
Subtotal Planning & Acquisition:	0	0	0
Operations & Maintenance:	0.172	0.172	0.222
TOTAL:	0.172	0.172	0.222
Government FTE Costs	0.426	0.446	0.459
Number of FTE represented by Costs:	3	3	3

2. Will this project require the agency to hire additional FTE's? **yes**

a. If "yes", How many and in what year? **Two additional FTEs will be required beginning in FY2010 to support SIRIS' growing user base and increase in the number of databases.**

3. If the summary of spending has changed from the FY2009 President's budget request, briefly explain those changes: **Increase for application software licensing fee, platform upgrades and system migration.**

Section D: Performance Information

Performance Information Table							
Fiscal Year	**Strategic Goal(s) Supported**	**Measurement Area**	**Measurement Grouping**	**Measurement Indicator**	**Baseline**	**Target**	**Actual Results**
2007	Increase Public Engagement	Mission and Business Results	Cultural and Historic Exhibition	Number of logged web searches	1,657,600 web searches	Maintain existing search counts.	2,300,432 web searches
2007	Enhance Management Excellence	Technology	Availability	Percentage of online availability to the public	97.3% availability	Maintain 97% availability or higher	98.1% availability
2007	Enhance Management Excellence	Processes and Activities	Knowledge Management	Number of bibliographic records added to databases	1,710,363 bibliographic records	Increase by 20,000 records	1,770,385 records, increase of 60,000 records
2007	Increase Public Engagement	Customer Results	Access	Number of images accessible through SIRIS	142,198 images	Increase images and media links by 5,000	148,485 images, increase of 6,287 images.
2008	Increase Public Engagement	Mission and Business Results	Cultural and Historic Exhibition	Number of logged web searches	320,000 page displays projected	Maintain existing web search counts as standards	5,071,485 logged web searches as of June 2008
2008	Enhance Management	Technology	Availability	Percentage of online availability	98.8% availability	Maintain 97% availabili	99.88% availability as of

	Excellence			to the public		ty or higher	June 2008
2008	Enhance Management Excellence	Processes and Activities	Knowledge Management	Number of bibliographic records added to databases	1,770,385 bibliographic records	Increase by 20,000 records	1,765,623 as off June 2008 (deleted 53,196 duplicate records in Nov. 2007)
2008	Increase Public Engagement	Customer Results	Access	Number of images accessible through SIRIS	158,928 images	Increase images and media links by 7,000	180,719 images as of June 2008
2009	Increase Public Engagement	Mission and Business Results	Cultural and Historic Exhibition	Number of web pages displays	320,000 page displays	Maintain existing web search counts as standard	TBD
2009	Enhance Management Excellence	Technology	Availability	Percentage of online availability to the public	98.2 % availability or higher	Maintain 97% availability or higher	TBD
2009	Enhance Management Excellence	Processes and Activities	Knowledge Management	Number of bibliographic records added to databases	1,790,385 bibliographic records	Increase by 20,000 records	TBD
2009	Increase Public Engagement	Customer Results	Access	Number of images accessible through SIRIS	163,900 images	Increase images and media links by 7,000	TBD
2010	Increase Public Engagement	Mission and Business Results	Cultural and Historic Exhibition	Number of web pages displays	5,071,485 page displays projected	Maintain existing web search counts as standard	TBD
2010	Enhance Management Excellence	Technology	Availability	Percentage of online availability to the public	98.2% availability	Maintain 97% availability or higher	TBD
2010	Enhance Management	Processes and Activities	Knowledge Management	Number of bibliographic records	1,790,385bibliographic records	Increase by 20,000	TBD

	Excellence			added to databases		records	
2010	Increase Public Engagement	Customer Results	Access	Number of images accessible through SIRIS	158,620 images	Increase images and media links by 7,000	TBD

Section F: Enterprise Architecture (EA)

1. Is this investment included in your agency's target enterprise architecture? **yes**
   a. If "no," please explain why? **N/A**
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. **Smithsonian Institution Research Information System (SIRIS)**
   b. If "no," please explain why?
3. Is this investment identified in a completed and approved segment architecture? **yes**
   a. If "yes," provide the six digit code corresponding to the agency segment architecture. The segment architecture codes are maintained by the agency Chief Architect. For detailed guidance regarding segment architecture codes, please refer to http://www.egov.gov/. **017-000**

4. Service Component Reference Model (SRM) Table :							
Agency Component Name	**Agency Component Description**	**FEA SRM Service Type**	**FEA SRM Component**	**Service Component Reused**		**Internal or External Reuse?**	**BY Funding Percentage**
				Component Name	**UPI**		
Customer services	SIRIS has the ability to create user-defined displays	Customer Preferences	Personalization			No Reuse	0
Customer services	Online help available on the web	Customer Initiated Assistance	Online Help			No Reuse	0
Customer services	SIRIS provides the ability for SI staff to initiate online request and renewals of library materials	Customer Initiated Assistance	Self-Service			No Reuse	0
Process Automation Services	SIRIS tracks business cycle processes relating to	Tracking and Workflow	Process Tracking			No Reuse	0

	transactions management						
Digital Asset Services	SIRIS supports multiple searching mechanisms on select fields in the databases	Knowledge Management	Information Retrieval			No Reuse	0
Digital Asset Services	SIRIS supports many to many relationships between records and across modules.	Knowledge Management	Information Retrieval			No Reuse	0
Digital Asset Services	SIRIS is an online multi-user CIS allowing hundreds of concurrent staff users; SIRIS web catalog provides public access for a worldwide audience	Knowledge Management	Information Sharing			No Reuse	0
Digital asset services	SIRIS supports various thesauri for data classification	Knowledge Management	Categorization			No Reuse	0
Digital asset services	SIRIS has the searching capability to find and retrieve any data in the system and supports the display of short views and thumbnails of abbreviated data that facilitate easy identification of information pertinent to the user query	Knowledge Management	Knowledge Capture			No Reuse	0
Digital Asset services	SIRIS supports data extraction into other media to share with staff, researchers	Knowledge Management	Knowledge Distribution and Delivery			No Reuse	0

	and the public. SIRIS also supports searching capabilities to retrieve specific sets of data which meet user sets of criteria. SIRIS displays relationships among sets of data with related subjects and author headings.						
Business Analytical Services	SIRIS supports storage of digital multimedia files that link to SIRIS records	Visualization	Multimedia			No Reuse	0
Back Office Services	SIRIS is the principle system used for storage and listing of assets held by the Institutions Libraries and Archives	Asset / Materials Management	Asset Cataloging / Identification			No Reuse	0
Back Office Services	Information about assets is stored using standard classifications and retrieved using these classifications	Data Management	Document Classification			No Reuse	0
Back Office Services	SIRIS interfaces with and exchanges information with multiple internal and external systems, including the Smithsonians purchase order system, OCLC and RLIN.	Data Management	Data Exchange			No Reuse	0
Back Office Services	SIRIS data is backed up on a	Data Management	Data Recovery			No Reuse	0

	regularly scheduled basis and versions are stored for recovery						
Back Office Services	SIRIS data is extracted and mapped from USMARC to other data formats to facilitate exportation to other information systems	Data Management	Extraction and Transformation			No Reuse	0
Back Office Services	SIRIS currently is the warehouse for over 1 million bibliographic records documenting the holdings of the Smithsonians Libraries, Archives and research collections.	Data Management	Data Warehouse			No Reuse	0
Back Office Services	A significant amount of SIRIS Libraries bibliographic data is loaded from OCLC	Data Management	Loading and Archiving			No Reuse	0
Support Services	SIRIS supports keyword and browse searching, as well as fielded parametric queries	Search	Query			No Reuse	0
Support Services	SIRIS supports user security validation	Security Management	Identification and Authentication			No Reuse	0
Support Services	SIRIS supports user account and privilege management	Security Management	Identification and Authentication			No Reuse	0

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

		Category		
Personalization	Service Access and Delivery	Access Channels	Web Browser	MICROSOFT INTERNET EXPLORER
Personalization	Service Access and Delivery	Delivery Channels	Internet	Internet
Personalization	Component Framework	User Presentation / Interface	Dynamic Server-Side Display	HIP
Online Help	Service Access and Delivery	Access Channels	Web Browser	MICROSOFT INTERNET EXPLORER
Online Help	Service Access and Delivery	Delivery Channels	Web Browser	MICROSOFT INTERNET EXPLORER
Online Help	Component Framework	User Presentation / Interface	Static Display	HIP, CSI
Self-Service	Service Access and Delivery	Access Channels	Web Browser	MICROSOFT INTERNET EXPLORER
Self-Service	Service Access and Delivery	Delivery Channels	Web Servers	Internet
Self-Service	Service Platform and Infrastructure	Delivery Servers	Web Servers	HIP
Self-Service	Component Framework	Security	Supporting Security Services	HIP
Self-Service	Component Framework	User Presentation / Interface	Content Rendering	HIP
Self-Service	Component Framework	Business Logic	Platform Independent Technologies	JBOSS
Process Tracking	Service Access and Delivery	Access Channels	Collaboration / Communications	HORIZON
Process Tracking	Service Platform and Infrastructure	Delivery Servers	Virtual Private Network (VPN)	SUN LOLARIS
Process Tracking	Service Platform and Infrastructure	Database / Storage	Database	SYBASE
Process Tracking	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	SUN SOLARIS
Process Tracking	Component Framework	Security	Supporting Security Services	HORIZON
Process Tracking	Component Framework	Data Management	Database Connectivity	SYBASE, HORIZON
Information Retrieval	Service Access and Delivery	Delivery Channels	Internet	INTERNET
Information Retrieval	Service Access and Delivery	Service Requirements	Hosting	HORIZON, HIP, CSI
Information Retrieval	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Information Retrieval	Component Framework	User Presentation / Interface	Dynamic Server-Side Display	SYBASE, HORIZON
Information Retrieval	Component Framework	Business Logic	Platform Dependent Technologies	SYBASE, HORIZON, SOLR

Information Mapping / Taxonomy	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Information Mapping / Taxonomy	Service Platform and Infrastructure	Database / Storage	Database	SYBASE
Information Sharing	Service Access and Delivery	Access Channels	Web Browser	MICROSOFT INTERNET EXPLORER
Information Sharing	Service Access and Delivery	Delivery Channels	Internet	INTERNET
Information Sharing	Service Access and Delivery	Service Requirements	Hosting	HORIZON, HIP, CSI
Information Sharing	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Information Sharing	Service Platform and Infrastructure	Database / Storage	Database	SYBASE, JBOSS, JETTY
Information Sharing	Component Framework	User Presentation / Interface	Dynamic Server-Side Display	HORIZON, HIP,CSI
Information Sharing	Component Framework	Business Logic	Platform Dependent Technologies	SYBASE, JBOSS
Information Sharing	Component Framework	Data Management	Database Connectivity	HORIZON, HIP
Information Sharing	Service Interface and Integration	Interface	Service Description / Interface	HIP
Categorization	Component Framework	Business Logic	Platform Independent Technologies	HORIZON, LUCENE
Categorization	Component Framework	Data Management	Database Connectivity	HORIZON, HIP, LUCENE
Knowledge Capture	Service Access and Delivery	Delivery Channels	Peer to Peer (P2P)	HORIZON, LUCENE
Knowledge Capture	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Knowledge Capture	Service Platform and Infrastructure	Database / Storage	Database	SYBASE,LUCENE
Knowledge Capture	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	SUN SOLARIS
Knowledge Capture	Component Framework	Security	Supporting Security Services	HORIZON
Knowledge Capture	Component Framework	Business Logic	Platform Dependent Technologies	HORIZON
Knowledge Capture	Component Framework	Data Management	Database Connectivity	SYBASE, HORIZON
Knowledge Distribution and Delivery	Service Access and Delivery	Access Channels	Web Browser	MICROSOFT INTERNET EXPLORER
Knowledge Distribution and Delivery	Service Access and Delivery	Delivery Channels	Internet	INTERNET
Knowledge Distribution and	Service Access and Delivery	Service Transport	Service Transport	HIP, CSI

Delivery				
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Knowledge Distribution and Delivery	Service Platform and Infrastructure	Database / Storage	Database	SYBASE, LUCENE
Knowledge Distribution and Delivery	Component Framework	Database / Storage	Dynamic Server-Side Display	HIP, CSI
Knowledge Distribution and Delivery	Component Framework	Business Logic	Platform Dependent Technologies	HORIZON, HIP
Knowledge Distribution and Delivery	Component Framework	Data Management	Database	SYBASE, LUCENE
Multimedia	Service Access and Delivery	Access Channels	Web Browser	MICROSOFT INTERNET EXPLORER
Multimedia	Service Access and Delivery	Delivery Channels	Internet	INTERNET
Multimedia	Service Platform and Infrastructure	Delivery Servers	Web Servers	SUN SOLARIS
Multimedia	Service Platform and Infrastructure	Software Engineering	Database	SYBASE
Multimedia	Component Framework	User Presentation / Interface	Static Display	HIP, CSI
Asset Cataloging / Identification	Service Access and Delivery	Delivery Channels	Peer to Peer (P2P)	HORIZON
Asset Cataloging / Identification	Component Framework	Business Logic	Platform Dependent Technologies	HORIZON
Asset Cataloging / Identification	Component Framework	Data Management	Database Connectivity	HORIZON
Data Classification	Service Access and Delivery	Delivery Channels	Peer to Peer (P2P)	HORIZON
Data Classification	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Data Classification	Component Framework	Business Logic	Platform Independent Technologies	SUN SOLARIS
Data Classification	Component Framework	Data Interchange	Data Exchange	HORIZON
Data Classification	Component Framework	Data Management	Database Connectivity	SYBASE
Data Classification	Service Interface and Integration	Interoperability	Data Format / Classification	HORIZON
Data Exchange	Service Access and Delivery	Access Channels	Other Electronic Channels	SUN SOLARIS
Data Exchange	Service Access and Delivery	Delivery Channels	Peer to Peer (P2P)	HORIZON, LUCENE
Data Exchange	Service Access and Delivery	Service Requirements	Hosting	HORIZON, LUCENE

Data Exchange	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Data Exchange	Service Platform and Infrastructure	Database / Storage	Database	SYBASE, LUCENE
Data Exchange	Component Framework	Data Interchange	Data Exchange	HORIZON, SOLR
Data Exchange	Component Framework	Data Management	Database Connectivity	SYBASE, LUCENE
Data Recovery	Service Access and Delivery	Service Transport	Service Transport	SUN SOLARIS
Data Recovery	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Data Recovery	Service Platform and Infrastructure	Database / Storage	Database	SYBASE, LUCENE
Data Recovery	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	SUN SOLARIS
Data Recovery	Component Framework	Business Logic	Platform Independent Technologies	HORIZON, LUCENE
Data Recovery	Component Framework	Security	Supporting Security Services	SUN SOLARIS
Data Recovery	Component Framework	Data Management	Database Connectivity	SYBASE, LUCENE
Data Warehouse	Service Access and Delivery	Access Channels	Web Browser	HIP, CSI
Data Warehouse	Service Access and Delivery	Service Transport	Service Transport	HORIZON, SOLR
Data Warehouse	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Data Warehouse	Service Platform and Infrastructure	Database / Storage	Database	SYBASE, LUCENE
Data Warehouse	Service Platform and Infrastructure	Security	Supporting Security Services	SUN SOLARIS
Data Warehouse	Component Framework	Data Interchange	Data Exchange	HORIZON, SOLR
Data Warehouse	Component Framework	Data Management	Database Connectivity	SYBASE, LUCENE
Extraction and Transformation	Service Access and Delivery	Access Channels	Other Electronic Channels	HORIZON, SOLR
Extraction and Transformation	Service Access and Delivery	Delivery Channels	Peer to Peer (P2P)	HORIZON, SOLR
Extraction and Transformation	Service Access and Delivery	Service Requirements	Hosting	SUN SOLARIS
Extraction and Transformation	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Extraction and Transformation	Service Platform and Infrastructure	Database / Storage	Database	SYBASE
Extraction and Transformation	Component Framework	Data Interchange	Data Exchange	SUN SOLARIS
Extraction and Transformation	Component Framework	Data Management	Database Connectivity	SYBASE, LUCENE

Loading and Archiving	Service Platform and Infrastructure	Database / Storage	Database	SYBASE, LUCENE
Loading and Archiving	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	SUN SOLARIS
Loading and Archiving	Component Framework	Data Interchange	Data Exchange	SUN SOLARIS, LUCENE
Loading and Archiving	Component Framework	Data Management	Database Connectivity	SYBASE, LUCENE
Query	Service Access and Delivery	Access Channels	Web Browser	MICROSOFT INTERNET EXPLORER
Query	Service Access and Delivery	Delivery Channels	Internet	HIP, HORIZON, CSI
Query	Service Access and Delivery	Service Requirements	Hosting	HIP, HORIZON, CSI
Query	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Query	Component Framework	Interface	Dynamic Server-Side Display	HORIZON
Query	Component Framework	Data Interchange	Data Exchange	HORIZON
Query	Component Framework	Data Management	Database Connectivity	SYBASE
Query	Service Interface and Integration	Interface	Service Description / Interface	HIP, CSI
Identification and Authentication	Service Access and Delivery	Delivery Channels	Intranet	INTRANET
Identification and Authentication	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	HORIZON
Identification and Authentication	Service Platform and Infrastructure	Delivery Servers	Application Servers	SUN SOLARIS
Identification and Authentication	Service Platform and Infrastructure	Database / Storage	Database	SYBASE, LUCENE
Identification and Authentication	Component Framework	Security	Supporting Security Services	SYBASE, HORIZON

6. Will the application leverage existing components and/or applications across the Government (i.e., USA.Gov, Pay.Gov, etc)? **yes**
    a. If "yes," please describe. **Teachers, students, research scholars, the education community and the public can access the Smithsonian collections on-line through the Recreation One-Stop portal.**

Part II: Planning, Acquisition And Performance Information

Section B: Risk Management (All Capital Assets)

1. Does the investment have a Risk Management Plan? **yes**
    a. If "yes," what is the date of the plan? **Jul 26, 2007**
    b. Has the Risk Management Plan been significantly changed since last year's

submission to OMB? **no**

c. If "yes," describe any significant changes:
d. If there currently is no plan, will a plan be developed?
e. If "yes," what is the planned completion date?
f. If "no," what is the strategy for managing the risks?

2. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule: **All contractor risks will be addressed in the risk management plan. Contractor activities are governed by Smithsonian security policies, the Institutions life cycle management methodology, the configuration management process and the enterprise architecture. Infrastructure standards, a clearly defined architecture and life cycle methodology, and an understanding of best practices minimize much of the risk associated with the deployment of COTS packages and in house development. Life cycle cost estimate risks are mitigated through a phase-based project management approach where the scope of the project is re-evaluated for each phase with the development of a project management plan, and by conducting life cycle management reviews for each life cycle phase. Investment schedule risks are mitigated by allocating sufficient project management and technical resources to the project; developing detail task level project schedules; working closely with project sponsors to ensure functional resources are available to provide project guidance, information, and project support for the implementation; and working closely with the contractors and software vendors to proactively address issues that arise to mitigate potential cost and schedule impacts.**