
Enterprise Resource Planning System

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

Section A: Overview

1. Date of submission: **Sep 8, 2008**
2. Agency: **452**
3. Bureau: **00**
4. Name of this Capital Asset: **Enterprise Resource Planning System**
5. Unique Project (Investment) Identifier: **452-00-01-01-01-1001-00**
6. What kind of investment will this be in FY2010? **Mixed Life Cycle**
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 ERP project encompasses the implementation of a suite of commercial-off-the-shelf financial management, supply chain management, and human resources modules to modernize the Smithsonian's processes and meet its financial and human resources management needs. Under this Investment, the Institution has replaced its technologically obsolete financial and purchasing systems with modern products that support federal requirements and provide the controls necessary to ensure reliable financial information supporting informed operational and investing decisions. The new system is used by management at all levels and provides monthly planned vs. actual information used for a quarterly operational review process with the Secretary and Under Secretaries. The Institution is continuing to implement additional capabilities of the financials system and has deployed a solution for complex procurements supporting FAR based contracts that integrates with FedBiz Ops and FPDS-NG, integrated ERP system with the GovTrip eTravel solution, deployed an integrated asset management module to manage accountable and real property assets, implemented integrated accounts receivable and billing modules to standardized and automate these processes, and is continuously expanded the reporting capabilities to support the growing needs of program areas. The Institution is currently implementing a time and labor solution and plans to implement project cost accounting and grant/contract management solutions to complete the modernization of the financial management area. Under this Investment the Institution has completed the implementation of the ERP Human Resources Management System (HRMS) greatly enhancing the Office of Human Resources ability to assist program areas in achieving their missions by providing recruiting, compensation, PAR processing, employee and labor relations, training services, performance management, employee development, and succession planning. All managers need meaningful and accurate**

information about their employees in order to meet the increasing demand to promote intellectual progress, particularly in science, and to apply sophisticated management strategies to Institutional activities. Prior to the implementation of the ERP HRMS, the Smithsonian had to rely on multiple automated systems with limited functionality and out-of-date technology to meet those needs.

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

Name **Deron Burba**
Phone Number **202-633-4901**
E-mail **burbad@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? **Jan 29, 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**
12. Has the agency developed and/or promoted cost effective, energy efficient and environmentally sustainable techniques or practices for this project. **yes**
 - a. Will this investment include electronic assets (including computers)? **yes**
 - b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only) **no**
 1. If "yes," is an ESPC or UESC being used to help fund this investment?
 2. If "yes," will this investment meet sustainable design principles?
 13. If "yes," is it designed to be 30% more energy efficient than relevant code?
 14. Does this investment directly support one of the PMA initiatives? **yes**

Budget Performance Integration
Expanded E-Government
Human Capital
Financial Performance

- a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? **Improves the Institutions financial performance by providing reliable financial information that is timely and useful for informed operational decisions and performance measurement; Improves Human Capital Management by providing flexible tools to recruit, reward, and develop a high-performing workforce; supports Budget and Performance Integration by enhancing reporting to facilitate accountability for results; and Expanded E-Gov by automating internal processes to reduce costs internally.**
15. 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?
 16. If "yes," what rating did the PART receive?

17. 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)? **yes**

19. Is this a financial management system? **yes**

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

1. If "yes," which compliance area: **Federal Financial System Requirements**

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 **Enterprise Resource Planning System - ERP**

20. What is the percentage breakout for the total FY2010 funding request for the following?

Hardware **1**
Software **9**
Services **52**
Other **38**

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

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 Spending

1.

	PY-1 and earlier	PY 2008	CY 2009
Planning:	1.4	0	0
Acquisition:	18.65	2.276	1.77

Subtotal Planning & Acquisition:	20.05	2.276	1.77
Operations & Maintenance:	30.819	4.979	5.505
TOTAL:	50.869	7.255	7.275
Government FTE Costs	16.346	4.161	4.52
Number of FTE represented by Costs:	30	30	30

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 FY2009 President's budget request, briefly explain those changes: **The FY 2007 amount contains a shift between acquisition and maintenance based on actual execution.**

Section D: Performance Information

Performance Information Table							
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2008	Enhanced Management Excellence	Customer Results	Accuracy of Service or Product Delivered	Independent audit of financial system	Unqualified audit opinion with no material weaknesses	Maintain unqualified opinion with no material weaknesses	FY 2007 Audit Completed in FY 2007 was unqualified with no material weaknesses
2008	Enhanced Management Excellence	Mission and Business Results	Collections and Receivables	Increase availability of information on aging of receivables	Reports manually prepared on a monthly basis	Provide report from system on demand for status with data current with one day of the time report is run.	Information available on demand from system with data current within one day of the time the report is run.
2008	Enhanced Management Excellence	Processes and Activities	Savings and Cost Avoidance	Cost to re-key timesheets	\$200K spent to re-key timesheets	Eliminate re-keying payroll data	As of August 30, 2008 the number of timesheets being rekeyed has been

							reduced by 66% and will be 100% by the end of October 2008.
2008	Enhanced Management Excellence	Customer Results	Delivery Time	Workdays to complete hiring action	87 workdays to complete hiring action on mission critical positions in 2004	Continue to work toward 45 workdays on mission critical positions	52.7 days to complete hiring actions on mission critical positions
2008	Enhanced Management Excellence	Customer Results	Delivery Time	Workdays to complete HR action	Baseline by NOA the number of workdays to complete actions to determine where improvements needed	90% of actions processed within customer service standard	98.5 % of actions processed within customer service standard
2008	Enhanced Management Excellence	Technology	Availability	Number of hours each day that users can access financial system	Financial System available to users from 16.5 hours per day during work week and 16.5 hours per day on Saturday, Sunday, & Holidays	Maintain increased Financial System hours of availability by 7 hours per day during work week and 16.5 hours per day on Saturday, Sunday, & Holidays	Increased hours of availability maintained.
2008	Enhanced Management Excellence	Technology	Availability	Number of hours each day that users can access HRMS	Limited HR database available to selected users from 7:30 AM to 5:00 PM during 5-day work week	Maintain increased HRMS hours of availability to expanded user base by 7 hours per day during work week and 16.5 hours per day on Saturday,	Increased hours of availability maintained.

						Sunday, and Holidays	
2009	Enhanced Management Excellence	Customer Results	Accuracy of Service or Product Delivered	Independent audit of financial system	Unqualified audit opinion with no material weaknesses	Maintain unqualified opinion with no material weaknesses	TBD
2009	Enhanced Management Excellence	Customer Results	Delivery Time	Workdays to complete hiring action	87 workdays to complete hiring action on mission critical positions in 2004	Continue to work toward 45 workdays on mission critical positions	TBD
2009	Enhanced Management Excellence	Customer Results	Delivery Time	Workdays to complete HR action	Baseline by NOA the number of workdays to complete actions to determine where improvements needed	90% of actions processed within customer service standard	TBD
2009	Enhanced Management Excellence	Technology	Availability	Number of hours each day that users can access financial system	Financial System available to users from 16.5 hours per day during work week and 16.5 hours per day on Saturday, Sunday, & Holidays	Maintain increased Financial System hours of availability by 7 hours per day during work week and 16.5 hours per day on Saturday, Sunday, & Holidays	TBD
2009	Enhanced Management Excellence	Technology	Availability	Number of hours each day that users can access HRMS	Limited HR database available to selected users from 7:30 AM to 5:00 PM during 5-day work week	Maintain increased HRMS hours of availability to expanded user base by 7 hours per day during work week and 16.5 hours per	TBD

						day on Saturday, Sunday, and Holidays	
2010	Enhanced Management Excellence	Customer Results	Accuracy of Service or Product Delivered	Independent audit of financial system	Unqualified opinion with no material weaknesses	Maintain unqualified opinion with no material weaknesses	TBD
2010	Enhanced Management Excellence	Customer Results	Delivery Time	Workdays to complete hiring action	87 workdays to complete hiring action on mission critical positions in 2004	Continue to work toward 45 workdays on mission critical positions	TBD
2010	Enhanced Management Excellence	Customer Results	Delivery Time	Workdays to complete HR action	Baseline by NOA the number of workdays to complete actions to determine where improvements needed	90 % of actions processed within customer service standard	TBD
2010	Enhanced Management Excellence	Technology	Availability	Number of hours each day that users can access the financial system	Financial system available to users from 16.5 hours per day during work week and 16.5 hours per day on Saturday, Sunday and Holidays	Maintain increased Financial system hours of availability by 7 hours per day during work week and 16.5 hours per day on Saturday, Sunday and Holidays	TBD
2010	Enhanced Management Excellence	Technology	Availability	Number of hours each day that users can access HRMS	Limited HR database available to selected users from 7:30 a.m. to 5:00 p.m.	Maintain increased HRMS hours of availability to expanded user base by 7 hours per day during	TBD

						work week and 16.5 hours per day on Saturday, Sunday and Holidays.	
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Section F: Enterprise Architecture (EA) 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.
Enterprise Resource Planning (ERP) System
 - b. If "no," please explain why?
- 3. Is this investment identified in a completed and approved segment architecture?
no
 - 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/>. **402-000**

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		
PeopleTools	The development and runtime platform supporting PeopleSoft Applications	Customer Preferences	Personalization			No Reuse	1
PeopleTools	The development and runtime platform supporting PeopleSoft Applications	Customer Preferences	Alerts and Notifications			No Reuse	1
PeopleBooks	The online documentation supporting PeopleSoft components	Customer Initiated Assistance	Online Help			No Reuse	0
PeopleTools	The development and runtime platform	Tracking and Workflow	Process Tracking			No Reuse	2

	supporting PeopleSoft Applications includes a workflow engine that allows PeopleSoft application to implement Workflow.						
ERP CACS	The Institutions implementation of the Compusearch PRISM Procurement system. This system tracks procurement actions from the requisition process award or modification.	Tracking and Workflow	Process Tracking			No Reuse	3
ERP Financials Purchasing Module	The system used for managing the requisition and purchase order process. This module also supports the review, approval, and assignment of accounting details to purchase card transactions.	Supply Chain Management	Procurement			No Reuse	2
ERP CACS	System used by the Office of Contracting to prepare and modify contract documents and to track and manage procurement action lead times (PALT)	Supply Chain Management	Procurement			No Reuse	1
ERP Financials Purchasing Module	The system used for managing the procurement process from requisition through issuance of a purchase order. The purchase orders generated by the	Supply Chain Management	Ordering / Purchasing			No Reuse	6

	system are emailed or faxed to vendors.						
PeopleTools	The development and runtime platform supporting PeopleSoft Applications provides various reporting and query tools use to implement	Reporting	Ad Hoc			No Reuse	8
PeopleTools	The development and runtime platform supporting PeopleSoft Applications provides various reporting and query tools use to implement	Reporting	Standardized / Canned			No Reuse	10
ERP HRMS Smithsonian Tracking And Recruiting System (STARS)	On-line recruiting component of the ERP system enables applicants to apply on-line for vacancy announcements posted on USAJOBS. Provides automation for the review applications and creation of certificates of eligible applicants.	Human Resources	Recruiting			No Reuse	2
ERP HRMS	Provides performance management functionality and training and competency information to track employee's professional growth.	Human Resources	Career Development and Retention			No Reuse	2
ERP Time and Labor Module	Time and Labor module will provide web based tool for entry, approval,	Human Resources	Time Reporting			No Reuse	2

	submission, and adjustment of an employee's hours.						
ERP HRMS	Provides means to process and track employee awards	Human Resources	Awards Management			No Reuse	1
ERP HRMS	Provides means to administer employee benefit elections.	Human Resources	Benefit Management			No Reuse	2
ERP HRMS	Provides core personnel system conforming to OPM guidelines for administering all human resources information for employees.	Human Resources	Personnel Administration			No Reuse	8
ERP HRMS	Support tracking of competencies and training supporting employee development. Interface implemented to send training data to OPM EHRI system.	Human Resources	Education / Training			No Reuse	2
ERP HRMS Medgate	Manages information necessary to support health and safety programs for employees exposed to potential health hazards and maintain case information for injuries	Human Resources	Health and Safety			No Reuse	2
ERP Travel Management System	Support the creation, review, and approval of travel authorization and vouchers conforming to existing Federal Travel Regulations. Is planned for retirement once	Human Resources	Travel Management			No Reuse	0

	eTravel is implemented.						
ERP Financials GL, AP, AR, BI, GM and Contracts Modules	The ERP System is the Financial system of record for the Smithsonian. The General Ledger, Accounts Payable, Accounts Receivable, Billing, Grants Management, Contracts, and Purchasing modules of the PeopleSoft Financials are included in the system.	Financial Management	Billing and Accounting			No Reuse	4
ERP Financials	The Purchasing component of the ERP includes a procurement card module that is used to review, approve, and apply the accounting classification of each charge. The Accounts Payable module provides EFT functionality used by the Smithsonian for vendor	Financial Management	Credit / Charge			No Reuse	5
ERP Financials	The AP component of ERP Financials is use to process reimbursements for employees	Financial Management	Expense Management			No Reuse	1
ERP Financials	The PeopleSoft Accounts Payable module has been implemented as part of this investment.	Financial Management	Payment / Settlement			No Reuse	5
ERP Financials	Implementation of the PeopleSoft Accounts Receivable module is included within this investment.	Financial Management	Debt Collection			No Reuse	9

ERP Financials	Provides reporting to support the central accounting staff and all Smithsonian units.	Financial Management	Internal Controls			No Reuse	1
ERP Financials	Provides processes to review various actions and documents for accuracy.	Financial Management	Auditing			No Reuse	1
ERP Financials	Implementation of the PeopleSoft Project Costing module is included within this investment.	Financial Management	Activity-Based Management			No Reuse	1
ERP Financials Asset Management Module	Provides for the identification and allocation of the Institution's personal and real property	Asset / Materials Management	Property / Asset Management			No Reuse	5
ERP Financials Asset Management Module	Maintains information to identify acquisition, location, depreciation, etc. the Institution's personal and real property.	Asset / Materials Management	Asset Cataloging / Identification			No Reuse	2
ERP Financials Asset Management Module	Supports tracking location and movement, and assignment of the Institution's personal and real property.	Asset / Materials Management	Asset Transfer, Allocation, and Maintenance			No Reuse	3
ERP HRMS	Provides support for position and employee competencies and training.	Human Capital / Workforce Management	Skills Management			No Reuse	2
ERP HRMS	Supports the organizational structure and the location of positions and employees within that structure.	Human Capital / Workforce Management	Team / Org Management			No Reuse	1
ERP HRMS	Manages	Human	Contingent			No	1

	succession information to be used to identify alternate personnel for key organizational positions	Capital / Workforce Management	Workforce Management			Reuse	
ERP HRMS and STARS	The ERP STARS component supports on-line recruiting. Applicants apply on-line for positions advertised via USAJOBS. The ERP HRMS system maintains org structure information and provides mass change functionality to supporting re-structuring.	Human Capital / Workforce Management	Workforce Acquisition / Optimization			No Reuse	2
PeopleTools	PeopleTools provides the ERP components with the functionality to administer user accounts for the applications. Provides role based permissions to restrict access to functions appropriate for a persons position and role within the Institution.	Security Management	Access Control			No Reuse	2

5. Technical Reference Model (TRM) Table:

FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification
Personalization	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Personalization	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Personalization	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Personalization	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Brower and

				required by web server
Personalization	Service Access and Delivery	Service Requirements	Hosting	Internal
Personalization	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Personalization	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Personalization	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Personalization	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Personalization	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Personalization	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Personalization	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Personalization	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Personalization	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Personalization	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Personalization	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Alerts and Notifications	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Alerts and Notifications	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Alerts and Notifications	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Alerts and Notifications	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Alerts and Notifications	Service Access and Delivery	Service Requirements	Hosting	Internal
Alerts and Notifications	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Alerts and Notifications	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE

Alerts and Notifications	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Alerts and Notifications	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Alerts and Notifications	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Alerts and Notifications	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Alerts and Notifications	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Alerts and Notifications	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Alerts and Notifications	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Alerts and Notifications	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Online Help	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Online Help	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Online Help	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Online Help	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Online Help	Service Access and Delivery	Service Requirements	Hosting	Internal
Online Help	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Online Help	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Online Help	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Online Help	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Online Help	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Online Help	Service Platform and	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and

	Infrastructure			Mainframe.
Online Help	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Online Help	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Online Help	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Online Help	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Online Help	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Process Tracking	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Process Tracking	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Process Tracking	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Process Tracking	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Process Tracking	Service Access and Delivery	Service Requirements	Hosting	Internal
Process Tracking	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Process Tracking	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Process Tracking	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Process Tracking	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Process Tracking	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Process Tracking	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Process Tracking	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Process Tracking	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer

Process Tracking	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Process Tracking	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Process Tracking	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Process Tracking	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Process Tracking	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Process Tracking	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Process Tracking	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Process Tracking	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Process Tracking	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Process Tracking	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Process Tracking	Service Access and Delivery	Service Requirements	Hosting	Internal
Process Tracking	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Process Tracking	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports
Process Tracking	Service Platform and Infrastructure	Delivery Servers	Web Servers	Microsoft IIS 6
Process Tracking	Service Platform and Infrastructure	Delivery Servers	Application Servers	Microsoft IIS 6
Process Tracking	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server
Process Tracking	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Process Tracking	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Process Tracking	Component Framework	Security	Certificates / Digital	Secure Sockets Layer

			Signatures	
Process Tracking	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Process Tracking	Component Framework	Business Logic	Platform Dependent Technologies	Visual Basic .Net
Process Tracking	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Process Tracking	Component Framework	Data Management	Reporting and Analysis	Business Objects Crystal Reports, PeopleSoft
Process Tracking	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client
Procurement	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Procurement	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Procurement	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
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Procurement	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	J2EE
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Procurement	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Procurement	Component	User	Content	HTML 4

	Framework	Presentation / Interface	Rendering	
Procurement	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Procurement	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Procurement	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Procurement	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Procurement	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Procurement	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Procurement	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Procurement	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Procurement	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Procurement	Service Access and Delivery	Service Requirements	Hosting	Internal
Procurement	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Procurement	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports
Procurement	Service Platform and Infrastructure	Delivery Servers	Web Servers	Microsoft IIS 6
Procurement	Service Platform and Infrastructure	Delivery Servers	Application Servers	Microsoft IIS 6
Procurement	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server
Procurement	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI for Database Server
Procurement	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2003 for Web/Application servers
Procurement	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Procurement	Component Framework	User Presentation /	Content Rendering	HTML 4

		Interface		
Procurement	Component Framework	Business Logic	Platform Dependent Technologies	Visual Basic .Net
Procurement	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Procurement	Component Framework	Data Management	Reporting and Analysis	Business Objects Crystal Reports, PeopleSoft
Procurement	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client
Ordering / Purchasing	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Ordering / Purchasing	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Ordering / Purchasing	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Ordering / Purchasing	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Ordering / Purchasing	Service Access and Delivery	Service Requirements	Hosting	Internal
Ordering / Purchasing	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Ordering / Purchasing	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Ordering / Purchasing	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Ordering / Purchasing	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Ordering / Purchasing	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Ordering / Purchasing	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Ordering / Purchasing	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Ordering / Purchasing	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Ordering / Purchasing	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Ordering /	Component	User	Content	HTML 4

Purchasing	Framework	Presentation / Interface	Rendering	
Ordering / Purchasing	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Ordering / Purchasing	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Ordering / Purchasing	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Ordering / Purchasing	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Ordering / Purchasing	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Ad Hoc	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Ad Hoc	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Ad Hoc	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Ad Hoc	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Ad Hoc	Service Access and Delivery	Service Requirements	Hosting	Internal
Ad Hoc	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Ad Hoc	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Ad Hoc	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Ad Hoc	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Ad Hoc	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Ad Hoc	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Ad Hoc	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Ad Hoc	Service Platform and	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or

	Infrastructure			2003
Ad Hoc	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Ad Hoc	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Ad Hoc	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Ad Hoc	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Ad Hoc	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Ad Hoc	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Ad Hoc	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Standardized / Canned	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Standardized / Canned	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Standardized / Canned	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Standardized / Canned	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Standardized / Canned	Service Access and Delivery	Service Requirements	Hosting	Internal
Standardized / Canned	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Standardized / Canned	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Standardized / Canned	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Standardized / Canned	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Standardized / Canned	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Standardized / Canned	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Standardized / Canned	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and

	Infrastructure			Mainframe. Some reporting components require x86 based Windows servers.
Standardized / Canned	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Standardized / Canned	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Standardized / Canned	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Standardized / Canned	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Standardized / Canned	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Standardized / Canned	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Standardized / Canned	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Standardized / Canned	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Recruiting	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Recruiting	Service Access and Delivery	Delivery Channels	Internet	TCP/IP
Recruiting	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Recruiting	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Recruiting	Service Access and Delivery	Service Requirements	Hosting	Externally Hosted at Equinix data center under contract to Monster Government Solutions.
Recruiting	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Recruiting	Service Platform and Infrastructure	Database / Storage	Database	InfoBase
Recruiting	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Recruiting	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Recruiting	Component Framework	User Presentation /	Content Rendering	HTML 4

		Interface		
Career Development and Retention	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Career Development and Retention	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Career Development and Retention	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Career Development and Retention	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Career Development and Retention	Service Access and Delivery	Service Requirements	Hosting	Internal
Career Development and Retention	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Career Development and Retention	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Career Development and Retention	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Career Development and Retention	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Career Development and Retention	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Career Development and Retention	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Career Development and Retention	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Career Development and Retention	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Career Development and Retention	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Career Development and Retention	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Career Development and Retention	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Career Development and Retention	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft

Retention				Query, PeopleSoft nVision
Career Development and Retention	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Career Development and Retention	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Time Reporting	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Time Reporting	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Time Reporting	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Time Reporting	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Brower and required by web server
Time Reporting	Service Access and Delivery	Service Requirements	Hosting	Internal
Time Reporting	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Time Reporting	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Time Reporting	Service Platform and Infrastructure	Delivery Servers	Web Servers	Apache
Time Reporting	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Time Reporting	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC planned for SI.
Time Reporting	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Time Reporting	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Time Reporting	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Time Reporting	Component Framework	Data Management	Reporting and Analysis	Business Objects Crystal Reports
Time Reporting	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client
Awards Management	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Awards Management	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Awards Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508

Awards Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Brower and required by web server
Awards Management	Service Access and Delivery	Service Requirements	Hosting	Internal
Awards Management	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Awards Management	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Awards Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Awards Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Awards Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Awards Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Awards Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Awards Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Awards Management	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Awards Management	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Awards Management	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Awards Management	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Awards Management	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Awards Management	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Awards Management	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Benefit Management	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher

Benefit Management	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Benefit Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Benefit Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Brower and required by web server
Benefit Management	Service Access and Delivery	Service Requirements	Hosting	Internal
Benefit Management	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Benefit Management	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Benefit Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Benefit Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Benefit Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Benefit Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Benefit Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Benefit Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Benefit Management	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Benefit Management	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Benefit Management	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Benefit Management	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Benefit Management	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Benefit Management	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Benefit	Service	Interoperability	Data Format /	XML

Management	Interface and Integration		Classification	
Personnel Administration	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Personnel Administration	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Personnel Administration	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Personnel Administration	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Personnel Administration	Service Access and Delivery	Service Requirements	Hosting	Internal
Personnel Administration	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Personnel Administration	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Personnel Administration	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Personnel Administration	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Personnel Administration	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Personnel Administration	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Personnel Administration	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Personnel Administration	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Personnel Administration	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Personnel Administration	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Personnel Administration	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Personnel Administration	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Personnel Administration	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft

				Query, PeopleSoft nVision
Personnel Administration	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Personnel Administration	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Education / Training	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Education / Training	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Education / Training	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Education / Training	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Brower and required by web server
Education / Training	Service Access and Delivery	Service Requirements	Hosting	Internal
Education / Training	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Education / Training	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Education / Training	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Education / Training	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Education / Training	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Education / Training	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Education / Training	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Education / Training	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Education / Training	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Education / Training	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Education / Training	Component Framework	Business Logic	Platform Independent	Oracle/PeopleTools and JavaScript

			Technologies	
Education / Training	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Education / Training	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Education / Training	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Education / Training	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Health and Safety	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Health and Safety	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Health and Safety	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Health and Safety	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Health and Safety	Service Access and Delivery	Service Requirements	Hosting	Internal
Health and Safety	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Health and Safety	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports
Health and Safety	Service Platform and Infrastructure	Delivery Servers	Web Servers	Microsoft IIS 6
Health and Safety	Service Platform and Infrastructure	Delivery Servers	Application Servers	Microsoft IIS 6
Health and Safety	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI.
Health and Safety	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI for Database Server
Health and Safety	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2003 for Web/Application Server
Health and Safety	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Health and Safety	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Health and Safety	Component Framework	Business Logic	Platform Dependent Technologies	Visual Basic .Net

Health and Safety	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Health and Safety	Component Framework	Data Management	Reporting and Analysis	Business Objects Crystal Reports
Health and Safety	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Health and Safety	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Travel Management	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Travel Management	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Travel Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Travel Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Travel Management	Service Access and Delivery	Service Requirements	Hosting	Internal
Travel Management	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Travel Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Progress Version 9.1c
Travel Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	Apache 2
Travel Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	Progress V9.1c
Travel Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 8i used by SI
Travel Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI for Database server
Travel Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 for Web/Application servers
Travel Management	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Travel Management	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Travel Management	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Travel Management	Component Framework	Data Management	Reporting and Analysis	Business Objects Crystal Reports
Travel	Service	Integration	Middleware	Database Access: Oracle 9i

Management	Interface and Integration			Client
Billing and Accounting	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Billing and Accounting	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Billing and Accounting	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Billing and Accounting	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Billing and Accounting	Service Access and Delivery	Service Requirements	Hosting	Internal
Billing and Accounting	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Billing and Accounting	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Billing and Accounting	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Billing and Accounting	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Billing and Accounting	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Billing and Accounting	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Billing and Accounting	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Billing and Accounting	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Billing and Accounting	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Billing and Accounting	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Billing and Accounting	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Billing and Accounting	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Billing and Accounting	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft

				Query, PeopleSoft nVision
Billing and Accounting	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Billing and Accounting	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Credit / Charge	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Credit / Charge	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Credit / Charge	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Credit / Charge	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Credit / Charge	Service Access and Delivery	Service Requirements	Hosting	Internal
Credit / Charge	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Credit / Charge	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Credit / Charge	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Credit / Charge	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Credit / Charge	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Credit / Charge	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Credit / Charge	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Credit / Charge	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Credit / Charge	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Credit / Charge	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Credit / Charge	Component Framework	Business Logic	Platform Independent	Oracle/PeopleTools and JavaScript

			Technologies	
Credit / Charge	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Credit / Charge	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Credit / Charge	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Credit / Charge	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Expense Management	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Expense Management	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Expense Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Expense Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Expense Management	Service Access and Delivery	Service Requirements	Hosting	Internal
Expense Management	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Expense Management	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Expense Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Expense Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Expense Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Expense Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Expense Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Expense Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Expense Management	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer

Expense Management	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Expense Management	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Expense Management	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Expense Management	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Expense Management	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Expense Management	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Payment / Settlement	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Payment / Settlement	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Payment / Settlement	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Payment / Settlement	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Payment / Settlement	Service Access and Delivery	Service Requirements	Hosting	Internal
Payment / Settlement	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Payment / Settlement	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Payment / Settlement	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Payment / Settlement	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Payment / Settlement	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Payment / Settlement	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Payment / Settlement	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Payment /	Service	Hardware /	Servers /	x86 based Windows servers

Settlement	Platform and Infrastructure	Infrastructure	Computers	running Windows 2000 or 2003
Payment / Settlement	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Payment / Settlement	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Payment / Settlement	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Payment / Settlement	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Payment / Settlement	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Payment / Settlement	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Payment / Settlement	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Debt Collection	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Debt Collection	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Debt Collection	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Debt Collection	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Debt Collection	Service Access and Delivery	Service Requirements	Hosting	Internal
Debt Collection	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Debt Collection	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Debt Collection	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Debt Collection	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Debt Collection	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Debt Collection	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Debt Collection	Service	Hardware /	Servers /	Sun SPARC used by SI. Also

	Platform and Infrastructure	Infrastructure	Computers	supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Debt Collection	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Debt Collection	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Debt Collection	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Debt Collection	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Debt Collection	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Debt Collection	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Debt Collection	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Debt Collection	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Internal Controls	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Internal Controls	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Internal Controls	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Internal Controls	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Internal Controls	Service Access and Delivery	Service Requirements	Hosting	Internal
Internal Controls	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Internal Controls	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Internal Controls	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Internal Controls	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Internal Controls	Service Platform and	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and

	Infrastructure			Oracle Application Server
Internal Controls	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Internal Controls	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Internal Controls	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Internal Controls	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Internal Controls	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Internal Controls	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Internal Controls	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Internal Controls	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Internal Controls	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Internal Controls	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Auditing	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Auditing	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Auditing	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Auditing	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Auditing	Service Access and Delivery	Service Requirements	Hosting	Internal
Auditing	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Auditing	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Auditing	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)

Auditing	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Auditing	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Auditing	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Auditing	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Auditing	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Auditing	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Auditing	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Auditing	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Auditing	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Auditing	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Auditing	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Auditing	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Activity-Based Management	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Activity-Based Management	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Activity-Based Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Activity-Based Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Activity-Based Management	Service Access and Delivery	Service Requirements	Hosting	Internal
Activity-Based Management	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Activity-Based Management	Service Platform and	Support Platforms	Platform Independent	J2EE

	Infrastructure		Technologies	
Activity-Based Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Activity-Based Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Activity-Based Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Activity-Based Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Activity-Based Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Activity-Based Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Activity-Based Management	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Activity-Based Management	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Activity-Based Management	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Activity-Based Management	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Activity-Based Management	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Activity-Based Management	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Activity-Based Management	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Property / Asset Management	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Property / Asset Management	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Property / Asset Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Property / Asset Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Property / Asset	Service Access	Service	Hosting	Internal

Management	and Delivery	Requirements		
Property / Asset Management	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Property / Asset Management	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Property / Asset Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Property / Asset Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Property / Asset Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Property / Asset Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Property / Asset Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Property / Asset Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Property / Asset Management	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Property / Asset Management	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Property / Asset Management	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Property / Asset Management	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Property / Asset Management	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Property / Asset Management	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Property / Asset Management	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Asset Cataloging / Identification	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Asset Cataloging / Identification	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Asset Cataloging	Service Access	Service	Legislative /	Section 508

/ Identification	and Delivery	Requirements	Compliance	
Asset Cataloging / Identification	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Asset Cataloging / Identification	Service Access and Delivery	Service Requirements	Hosting	Internal
Asset Cataloging / Identification	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Asset Cataloging / Identification	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Asset Cataloging / Identification	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Asset Cataloging / Identification	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Asset Cataloging / Identification	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Asset Cataloging / Identification	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Asset Cataloging / Identification	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Asset Cataloging / Identification	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Asset Cataloging / Identification	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Asset Cataloging / Identification	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Asset Cataloging / Identification	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Asset Cataloging / Identification	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Asset Cataloging / Identification	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Asset Cataloging / Identification	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Asset Cataloging / Identification	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Asset Transfer.	Service Access	Access Channels	Web Browser	Microsoft Internet Explorer 5.5

Allocation, and Maintenance	and Delivery			or higher, Mozilla FireFox, Netscape 6.2 or higher
Asset Transfer, Allocation, and Maintenance	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Asset Transfer, Allocation, and Maintenance	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Asset Transfer, Allocation, and Maintenance	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Brower and required by web server
Asset Transfer, Allocation, and Maintenance	Service Access and Delivery	Service Requirements	Hosting	Internal
Asset Transfer, Allocation, and Maintenance	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Asset Transfer, Allocation, and Maintenance	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Asset Transfer, Allocation, and Maintenance	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Asset Transfer, Allocation, and Maintenance	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Asset Transfer, Allocation, and Maintenance	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Asset Transfer, Allocation, and Maintenance	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Asset Transfer, Allocation, and Maintenance	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Asset Transfer, Allocation, and Maintenance	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Asset Transfer, Allocation, and Maintenance	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Asset Transfer, Allocation, and Maintenance	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Asset Transfer, Allocation, and Maintenance	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Asset Transfer, Allocation, and Maintenance	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Asset Transfer,	Component	Data	Reporting and	Brio SQR, Business Objects

Allocation, and Maintenance	Framework	Management	Analysis	Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Asset Transfer, Allocation, and Maintenance	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Asset Transfer, Allocation, and Maintenance	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Skills Management	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Skills Management	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Skills Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Skills Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Skills Management	Service Access and Delivery	Service Requirements	Hosting	Internal
Skills Management	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Skills Management	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Skills Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Skills Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Skills Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Skills Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Skills Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Skills Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Skills Management	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Skills Management	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Skills	Component	Business Logic	Platform	Oracle/PeopleTools and

Management	Framework		Independent Technologies	JavaScript
Skills Management	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Skills Management	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Skills Management	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Skills Management	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Team / Org Management	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Team / Org Management	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Team / Org Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Team / Org Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Team / Org Management	Service Access and Delivery	Service Requirements	Hosting	Internal
Team / Org Management	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Team / Org Management	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Team / Org Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Team / Org Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Team / Org Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Team / Org Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Team / Org Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Team / Org Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Team / Org Management	Component Framework	Security	Certificates / Digital	Secure Sockets Layer

			Signatures	
Team / Org Management	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Team / Org Management	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Team / Org Management	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Team / Org Management	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Team / Org Management	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Team / Org Management	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Contingent Workforce Management	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Contingent Workforce Management	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Contingent Workforce Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Contingent Workforce Management	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Contingent Workforce Management	Service Access and Delivery	Service Requirements	Hosting	Internal
Contingent Workforce Management	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Contingent Workforce Management	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Contingent Workforce Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Contingent Workforce Management	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Contingent Workforce Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Contingent Workforce Management	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Contingent	Service	Hardware /	Servers /	Sun SPARC used by SI. Also

Workforce Management	Platform and Infrastructure	Infrastructure	Computers	supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Contingent Workforce Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Contingent Workforce Management	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Contingent Workforce Management	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Contingent Workforce Management	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Contingent Workforce Management	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Contingent Workforce Management	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Contingent Workforce Management	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Contingent Workforce Management	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Workforce Acquisition / Optimization	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Workforce Acquisition / Optimization	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Workforce Acquisition / Optimization	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Workforce Acquisition / Optimization	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Workforce Acquisition / Optimization	Service Access and Delivery	Service Requirements	Hosting	Internal
Workforce Acquisition / Optimization	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Workforce Acquisition / Optimization	Service Platform and Infrastructure	Support Platforms	Platform Independent Technologies	J2EE
Workforce Acquisition / Optimization	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Workforce	Service	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also

Acquisition / Optimization	Platform and Infrastructure			supports Web Sphere and Oracle Application Server
Workforce Acquisition / Optimization	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Workforce Acquisition / Optimization	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Workforce Acquisition / Optimization	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Workforce Acquisition / Optimization	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Workforce Acquisition / Optimization	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Workforce Acquisition / Optimization	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Workforce Acquisition / Optimization	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Workforce Acquisition / Optimization	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Workforce Acquisition / Optimization	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Workforce Acquisition / Optimization	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Workforce Acquisition / Optimization	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Access Control	Service Access and Delivery	Access Channels	Web Browser	Microsoft Internet Explorer 5.5 or higher, Mozilla FireFox, Netscape 6.2 or higher
Access Control	Service Access and Delivery	Delivery Channels	Intranet	SI IP based WAN
Access Control	Service Access and Delivery	Service Requirements	Legislative / Compliance	Section 508
Access Control	Service Access and Delivery	Service Requirements	Legislative / Compliance	128-bit SSL Encryption included in Browser and required by web server
Access Control	Service Access and Delivery	Service Requirements	Hosting	Internal
Access Control	Service Access and Delivery	Service Transport	Service Transport	HTTPS
Access Control	Service Platform and	Support Platforms	Platform Independent	J2EE

	Infrastructure		Technologies	
Access Control	Service Platform and Infrastructure	Support Platforms	Platform Dependent Technologies	Business Objects Crystal Reports and PeopleSoft nVision (Excel based reporting tool)
Access Control	Service Platform and Infrastructure	Delivery Servers	Web Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Access Control	Service Platform and Infrastructure	Delivery Servers	Application Servers	BEA WebLogic used by SI. Also supports Web Sphere and Oracle Application Server
Access Control	Service Platform and Infrastructure	Database / Storage	Database	Oracle 9i used by SI. Also supports SQL Server and IBM DB2.
Access Control	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Sun SPARC used by SI. Also supports Intel based and Mainframe. Some reporting components require x86 based Windows servers.
Access Control	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	x86 based Windows servers running Windows 2000 or 2003
Access Control	Component Framework	Security	Certificates / Digital Signatures	Secure Sockets Layer
Access Control	Component Framework	User Presentation / Interface	Content Rendering	HTML 4
Access Control	Component Framework	Business Logic	Platform Independent Technologies	Oracle/PeopleTools and JavaScript
Access Control	Component Framework	Data Management	Database Connectivity	Oracle 9i Client
Access Control	Component Framework	Data Management	Reporting and Analysis	Brio SQR, Business Objects Crystal Reports, PeopleSoft Query, PeopleSoft nVision
Access Control	Service Interface and Integration	Integration	Middleware	Database Access: Oracle 9i Client Transaction Processing Monitor: Tuxedo
Access Control	Service Interface and Integration	Interoperability	Data Format / Classification	XML

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. **The ERP System leverages the following existing components/applications across the Government: (1) Treasury Systems for the disbursement of payments via EFT and check; (2) USDA National Finance Center for payroll processing; (3) credit card processing vendors that participate in the Government Procurement Card Program (GSA Smart Pay®) for receiving transaction data from purchases and processing payments; and (4) submits data to GSAs Federal Procurement Data System (5) On-line**

recruiting module interfaces with OPMs USA Jobs, (6) Complex Contracting module integrates with GSAs FedBizOps system and GSAs FPDS-NG system; (7) Enterprise Human Resources Integration (EHRI) via NFC, and EHRI directly for training data (8) Department of Labor Case Create System

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? **Mar 1, 2001**
 - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? **no**
 - c. If "yes," describe any significant changes:
2. If there currently is no plan, will a plan be developed?
 - a. If "yes," what is the planned completion date?
 - b. If "no," what is the strategy for managing the risks?
3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule: **The life cycle cost estimate anticipates the potential for a 20% increase in the development costs**