

**CFO - 1768010 - HUD Financial Management Business Case**

***INITIATIVE DEFINITION BY08***

*Initiative Definition BY08*

Template Name	IT Investment BY2008
Investment Name	CFO - 1768010 - HUD Financial Management Business Case
Investment Revision Number	5
Is this investment a consolidated business case?	No
Point of Contact	ECPIC, Admin
Revision Comment	
Initiative Name	CFO - 1768010 - HUD Financial Management Business Case
Revision Comment	
Class	IT

***OVERVIEW BY08***

*Description Information BY08*

Agency	Department of Housing and Urban Development
Bureau	Working Capital Fund
Name of this Capital Asset	CFO - 1768010 - HUD Financial Management Business Case
Full UPI Code	025-00-01-01-01-1020-00
Four Digit UPI Code	1020
Two Digit UPI Code	00
Exhibit 53 Part	IT Investments by Mission Area
OMB Investment Type	01 - Major Investment
OMB Exhibit 53 Major Mission Area	01 - Financial Management Systems
PY Full UPI Code	025-00-01-01-01-1140-00-402-125

*Screening Questions BY08*

What was the first budget year this investment was submitted to OMB?	FY2007
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: HUD's Core Financial System is comprised of an assortment of financial, programmatic, and "hybrid" systems operating on multiple disparate platforms. The four OCFO functions presently maintains 70+ systems, all containing financial information. This scattering of information has led to untimely, redundant, and fragmented data for users. In addition, HUD maintains additional financial and mixed systems that interface directly or indirectly with the core financial system. The Department supports four financial software systems; three of which function as subsidiary ledger systems to the OCFO HUDCAPS Departmental core financial system. FHA and Ginnie Mae are in different stages in their project timeline and have either completed or in the process of implementing PeopleSoft to support their programmatic requirements. OFHEO implemented an Oracle e-business core general ledger system FY05 independent of the Department. These three systems perform financial functions; including funds management, reporting, accounts payable and accounts receivable. Their general ledger balances are input as aggregated balances to produce HUD's general ledger balances using the Hyperion software system. The costs to maintain four financial systems is not cost effective for the Department; and through establishing standard financial processes and procedures, the OCFO organizations are working to transition to the same software system to support integration to a single core financial system supported by the same shared service provider. The OCFO and FHA will transition to the COTS certified PeopleSoft financial system FY09. Ginnie Mae will integrate to the enterprise system FY10, and OFHEO will transition to the Oracle Fusion financial system in FY12. The enterprise system will be upgraded to the new fusion software system to ensure the enterprise system maintains the Federal certification and performs required core financial systems functions to maintain full compliance with laws and regulations. The transformation of HUD's financial management functions is aligned with the target enterprise architecture and the Department's Business and IT Modernization Roadmap (Vision 2010).	
Did the Agency's Executive/Investment Committee approve this request?	Yes
If "yes," what was the date of this approval?	8/15/2006
Did the Project Manager review this Exhibit?	Yes

Contact information of Project Manager?

Project Manager Name  
 Kohlmeier, Mary L  
 Project Manager Phone Number (202) 708-0614 ext. 3853  
 Project Manager E-mail Mary\_L.\_Kohlmeier@hud.gov  
 Has the agency developed and/or promoted cost effective, energy efficient and environmentally sustainable techniques or practices for this project. No

**IT Screening Questions BY08**

If the answer to Question: "Is this investment for information technology?" was "Yes," complete this sub-section. If the answer is "No," do not answer this sub-section.

What is the level of the IT Project? (per CIO Council PM Level 3 Guidance)

What project management qualifications does the Project Manager have? (per CIO Council's PM Guidance): (1) Project manager has been validated as qualified for this investment

Is this investment identified as "high risk" on the Q4 - FY 2006 agency high risk report (per OMB's 'high risk' memo)? No

Is this a financial management system? Yes

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

If "yes," which FFMI compliance area? Implementation of the HUD FM LoB solution will ensure that HUD has a system that complies with the three FFMI compliance areas: 1. federal financial management systems requirements, 2. applicable federal accounting standards, and 3. the US Govt SGL.

If "no," what does it address?

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

Integrated Financial Management Improvement Project

**SUMMARY OF SPENDING BY08**

*Summary of Spending BY08*

Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The "TOTAL" estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

SUMMARY OF SPENDING FOR PROJECT STAGES

\* Costs in thousands

	PY - 1 and Earlier	PY 2006	CY 2007	BY 2008	BY + 1 2009	BY + 2 2010	BY + 3 2011	BY + 4 and Beyond	Total
<b>Planning</b>									
Budgetary Resources	5130.2	0	0	0					
Outlays	5130.2	0	0	0					
<b>A. Project Initiation/Planning</b>									
Budgetary Resources	3057.1	0	0	0					
Outlays	3057.1	0	0	0					
<b>B. Requirements Definition</b>									
Budgetary Resources	1557.2	0	0	0					

	PY - 1 and Earlier	PY 2006	CY 2007	BY 2008	BY + 1 2009	BY + 2 2010	BY + 3 2011	BY + 4 and Beyond	Total
Outlays	1557.2	0	0	0					
<b>C. System Design</b>									
Budgetary Resources	515.9	0	0	0					
Outlays	515.9	0	0	0					
<b>Acquisition</b>									
Budgetary Resources	47	10233.2	9012.7	7999.7					
Outlays	47	10233.2	9012.7	7999.7					
<b>D. Software Acquisition</b>									
Budgetary Resources	15	45	25	0					
Outlays	15	45	25	0					
<b>E. Hardware/Infrastructure Acquisition</b>									
Budgetary Resources	0	1645	1622.3	0					
Outlays	0	1645	1622.3	0					
<b>F. New Development/Perfective Maintenance</b>									
Budgetary Resources	0	3087	20	3992.4					
Outlays	0	3087	20	3992.4					
<b>G. Systems Integration &amp; Testing</b>									
Budgetary Resources	0	3911.2	3671.6	3000					
Outlays	0	3911.2	3671.6	3000					
<b>H. Installation &amp; Deployment</b>									
Budgetary Resources	32	1545	3673.8	1007.3					
Outlays	32	1545	3673.8	1007.3					
<b>Subtotal Planning &amp; Acquisition</b>									
Budgetary Resources	5177.2	10233.2	9012.7	7999.7					
Outlays	5177.2	10233.2	9012.7	7999.7					
<b>Operations &amp; Maintenance</b>									
Budgetary Resources	18299.06	12775.4	13163	11804.65					
Outlays	18299.06	12775.4	13163	11804.65					
<b>I. Systems Operation</b>									
Budgetary Resources	9336.8	5748.9	9266.75	9344.59					
Outlays	9336.8	5748.9	9266.75	9344.59					
<b>J. Corrective &amp; Adaptive Maintenance</b>									
Budgetary Resources	8962.26	7026.5	3896.25	2460.06					
Outlays	8962.26	7026.5	3896.25	2460.06					
<b>TOTAL</b>									
Budgetary Resources	23476.26	23008.6	22175.7	19804.35					
Outlays	23476.26	23008.6	22175.7	19804.35					
<b>Government FTE Costs</b>									
Budgetary Resources	7391.234	5241.348	1805.867	1664.114					

	PY - 1 and Earlier	PY 2006	CY 2007	BY 2008	BY + 1 2009	BY + 2 2010	BY + 3 2011	BY + 4 and Beyond	Total
<b>Planning</b>									
Budgetary Resources	0	0	0	0					
<b>Acquisition</b>									
Budgetary Resources	0	0	0	0					
<b>Maintenance</b>									
Budgetary Resources	7391.234	5241.348	1805.867	1664.114					

Note: For the cross-agency investments, this table should include all funding (both managing partner and partner agencies). Government FTE Costs should not be included as part of the TOTAL represented.

### SECURITY AND PRIVACY BY08

#### Costs & Risks BY08

In order to successfully address this area of the business case, each question below must be answered at the system/application level, not at a program or agency level. Systems supporting this investment on the planning and operational systems security tables should match the systems on the privacy table below. Systems on the Operational Security Table must be included on your agency FISMA system inventory and should be easily referenced in the inventory (i.e., should use the same name or identifier).

All systems supporting and/or part of this investment should be included in the tables below, inclusive of both agency owned systems and contractor systems. For IT investments under development, security and privacy planning must proceed in parallel with the development of the system/s to ensure IT security and privacy requirements and costs are identified and incorporated into the overall lifecycle of the system/s.

Please respond to the questions below and verify the system owner took the following actions:

Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment? Yes

Provide the Percentage IT Security for the budget year 11.000000

Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment? Yes

#### Security: Planning Systems BY08

Systems in Planning - Security

Name of System	Agency/ or Contractor Operated System?	Planned Operational Date	Planned or Actual C&A Completion Date
HUD Integrated Financial Management Improvement Project (HIFMIP)	Contractor Only	10/1/2008	9/29/2008

#### Security: Operational Systems BY08

Operational Systems - Security

Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level	Has C&A been Completed, using NIST 800-37?	Date C&A Complete	What standards were used for the Security Controls tests?	Date Complete(d): Security Control Testing	Date the contingency plan tested
ARCATS	Contractor Only	Low	Yes	7/29/2005	FIPS 200 / NIST 800-53	9/30/2006	6/30/2006
BOSS	Contractor	Low	Yes	6/30/2005	FIPS 200 /	9/28/2006	6/30/2006

Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level	Has C&A been Completed, using NIST 800-37?	Date C&A Complete	What standards were used for the Security Controls tests?	Date Complete (d): Security Control Testing	Date the contingency plan tested
	Only				NIST 800-53		
EZBudget	Contractor Only	Low	Yes	6/30/2005	FIPS 200 / NIST 800-53	9/28/2006	6/30/2006
HUDCAPS	Contractor Only	High	Yes	5/31/2005	FIPS 200 / NIST 800-53	9/28/2006	6/30/2006
LAS COTS	Contractor and Government	Moderate	Yes	5/31/2005	FIPS 200 / NIST 800-53	9/28/2006	6/30/2006
PAS/LOCCS	Contractor Only	High	Yes	5/31/2005	FIPS 200 / NIST 800-53	9/28/2006	6/30/2006
TEAM/REAP	Contractor Only	Low	Yes	6/30/2005	FIPS 200 / NIST 800-53	9/28/2006	6/30/2006

*Security: Weakness & Contractor Procedures BY08*

Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG? Yes

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

Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses? No

If "yes," specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness.

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

Contractors currently operate investment under OCIO management and control and in a government-owned facility. Contractors responsible for system operations do not have direct update access to any of the systems. Contractors providing secondary support have privileges to upload files to datasets at HUD's request and approval. If required to perform special processing requests that require update access, privileges are granted only for a specified time period and removed after processing is completed. In accordance with contract provisions, contractor reporting, site inspections, audits, and personnel background investigations are periodically conducted to ensure contractor compliance with all security requirements. All HUD contracts must comply with HUD IT operations and security policy.

IT Data Centers must follow FISMA, A-130, A-11, and other federal requirements. Contractor procedures are monitored through biweekly status meetings based on results of automated scans and audit log reviews. Contractors who provide software development and technical operations support must provide the same evidence of background investigation where their access allows the ability to access or update production databases.

Under contract terms and in compliance with HUD policies, contractor security procedures are monitored, verified, and validated by the agency. User identification and authentication are accomplished through the user identification codes and passwords and is fully supported as an integrated part of the agency's IT infrastructure. Specifically, access is controlled through user profiles that relate to defined job functions and restrict access to needed procedures and associated data.

HUD FMLoB contracts include a security clause from the HUD Acquisition Regulations (HUDAR 2452.239-70) that requires contractors and subcontractors: (1) to have a background investigation; (2) be U.S. citizens (or owe allegiance to the U.S.); (3) to notify HUD of any security breach or suspected breach or unauthorized disclosure of information contained in the specific investment; (4) to not release or divulge

information developed or obtained during the contract; (5) to establish security procedures that meet the relevant requirements of HUD Handbooks 2400.24, "Information Security Program", and 732.2, "Personnel Security/ Suitability"; and (6) to comply with the contract security clause or face termination of the contract for default.

*Security: Planning & Operational Systems BY08*

Planning & Operational Systems - Privacy

Name of System	Is this a new system?	Is there a Privacy Impact Assessment (PIA) that covers this system?	Is the PIA available to the public?	Is a System of Records Notice (SORN) required for this system?	Was a new or amended SORN published in FY 06?
ARCATS	No	Yes.	Yes.	No	No, because the system is not a Privacy Act system of records.
BOSS	No	Yes.	Yes.	No	No, because the system is not a Privacy Act system of records.
EZBUDGET	No	Yes.	Yes.	No	No, because the system is not a Privacy Act system of records.
HIFMIP (SORN to be provided, once system is in production)	Yes	Yes.	Yes.	Yes	Yes, because this is a newly established Privacy Act system of records.
HUDCAPS	No	Yes.	Yes.	Yes	Yes, because the existing Privacy Act system of records was substantially revised in FY 06.
LAS	No	Yes.	Yes.	No	No, because the system is not a Privacy Act system of records.
PAS-LOCCS	No	Yes.	Yes.	Yes	No, because the system is operational, but the SORN has not yet been published.
TEAM	No	Yes.	Yes.	No	No, because the system is not a Privacy Act system of records.

**PERFORMANCE INFORMATION BY08**

*Performance Goals & Measures BY08*

Agencies must use the Performance Goals and Measures Table below for reporting performance goals and measures for all non-IT investments and for existing IT investments that were initiated prior to FY 2005. The table can be extended to include measures for years beyond FY 2006.

Performance Goals and Measures

Fiscal Year	Strategic Goal(s) Supported	Performance Measure	Actual/baseline (from Previous Year)	Planned Performance Metric (Target)	Performance Metric Results (Actual)
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*FEA Performance Reference Model (PRM) BY08*

FEA PRM

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
2005	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Cycle Time and Resource Time	Timeliness	Audited Financial Statements delivered to OMB on time	Annual audited financial statement delivered to OMB on Dec. 15	Annual audited financial statement is delivered to OMB by Nov 10. to meet Gov't-wide Expedited Reporting Requirements	Expedited reporting requirements met - audited financials were delivered by Nov 10, 2005.
2005	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Management and Innovation	Compliance	Compliance with Laws and Regulations (# of material weaknesses)	Two (2) financial statement material weaknesses related to Financial Management systems	Eliminate all audit material weaknesses and reportable conditions attributable to financial systems and ensure full compliance with FFMA.	No material weaknesses or reportable conditions.
2005	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Management and Innovation	Compliance	Receipt of an unqualified audit opinion on annual financial statements	Financial statements received an unqualified audit opinion	Annual financial statements receive an unqualified audit opinion	Financial statements received an unqualified opinion.
2005	Goal E: Embrace High Standards of Ethics, Management and Accountability	Technology	Effectiveness	IT Contribution to Process, Customer, or Mission	Total number of financial-related systems maintained by OCFO.	OCFO maintains 31 systems to support financial-related functions.	Reduce number of maintained systems to 22, a 29% reduction in financial systems. The reduced processing time will reduce operational costs and time to record and provide information to management.	Results will be evaluated in FY 2009.
2006	Goal E: Embrace High Standards of Ethics, Management and Accountability	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Increase in Customer Satisfaction Index	The October 2000 GAO Report reported 38% of Surveyed FM Customers indicated satisfaction with the supporting FM systems	Customer Satisfaction Survey will be conducted with implementation of new system.	Customer satisfaction survey will be conducted when new system is implemented in FY 2009.
2006	Goal E:	Processes	Cycle Time and	Timeliness	Reduction in	Annual	Annual audited	Annual audited

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
	Embrace High Standards of Ethics, Management and Accountability	and Activities	Resource Time		number of days Financial Statements delivered to OMB.	audited financial statement delivered to OMB on Dec. 15	financial statement is delivered to OMB by Nov 10. to meet Gov't-wide Expedited Reporting Requirements	financial statement delivered to OMB November 15, meeting Gov't-wide Expedited Reporting Requirements.
2006	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Management and Innovation	Compliance	Reduce number of audit deficiencies reported in financial statement audit report related to compliance issues.	Two (2) financial statement material weaknesses related to Financial Management systems	Eliminate all audit material weaknesses and reportable conditions attributable to financial systems and ensure full compliance with FFMA.	Annual financial statement audit reported no material weaknesses attributable to financial systems. The enterprise financial system is scheduled for implementation FY 2009 to resolve FFMA compliance issues.
2006	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Management and Innovation	Compliance	Receipt of an unqualified audit opinion on annual financial statements	Financial statements received an unqualified audit opinion	Annual financial statements receive an unqualified audit opinion	Annual financial statements received an unqualified audit opinion for FY 2006.
2006	Goal E: Embrace High Standards of Ethics, Management and Accountability	Technology	Effectiveness	IT Contribution to Process, Customer, or Mission	Reduce total number of financial-related systems maintained by OCFO to support online real time recordation of financial data.	OCFO maintains 31 systems to support financial-related functions.	Reduce number of maintained systems to 22, a 29% reduction in financial systems that will support eventual transition to an integrated core financial system by FY 2012.	No change in plan to reduce # of maintained systems to 22, a 29% reduction in financial systems Dec 2008; this elimination will enable financial transactions to be recorded directly to the financial system within 24 hrs to provide timely info to mgmt
2007	Goal E: Embrace High Standards of Ethics, Management and Accountability	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Increase in Customer Satisfaction Index	The October 2000 GAO Report reported 38% of Surveyed FM	Median customer satisfaction index= /> 86%	



Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
						Customers indicated satisfaction with the supporting FM systems		
2007	Goal E: Embrace High Standards of Ethics, Management and Accountability	Mission and Business Results	Financial Management	Cost Accounting / Performance Measurement	Reduce total annual cost to operate and maintain all OCFO financial-related systems	Total cost to operate and maintain OCFO systems is 14.2M per annum.	Total 10 year annual cost to maintain will result in a NPV savings of \$108.3M; or Return on Investment (ROI) of 107% and payback period of 6.86 years.	
2007	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Cycle Time and Resource Time	Timeliness	Reduction in number of days financial statements delivered to OMB.	Annual audited financial statement delivered to OMB on Dec. 15	Annual audited financial statement is delivered to OMB by Nov 15. to meet Gov't-wide Expedited Reporting Requirements	
2007	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Cycle Time and Resource Time	Timeliness	Receipt of an unqualified audit opinion on annual financial statements with no audit deficiencies related to financial systems	Financial statements received an unqualified audit opinion with 2 audit findings related to financial system deficiencies.	Annual financial statements receive an unqualified audit opinion	
2007	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Management and Innovation	Compliance	Reduce number of audit deficiencies reported in financial statement audit report related to compliance issues.	Two (2) financial statement material weaknesses related to Financial Management systems.	Eliminate all audit material weaknesses and reportable conditions attributable to financial systems and ensure full compliance with FFMA.	
2007	Goal E: Embrace High Standards of Ethics, Management and Accountability	Technology	Effectiveness	IT Contribution to Process, Customer, or Mission	Reduce total number of financial-related systems maintained by OCFO to support online real time	OCFO maintains 31 systems to support financial-related functions.	Reduce number of maintained systems to 22, a 29% reduction in financial systems. The reduced processing	

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
					recording of financial data.		time will reduce operational costs and time to record and provide information of management	
2008	Goal E: Embrace High Standards of Ethics, Management and Accountability	Customer Results	Service Quality	Accuracy of Service or Product Delivered	Increase in Customer Satisfaction Index	The October 2000 GAO Report reported 38% of Surveyed FM Customers indicated satisfaction with the supporting FM systems	Median customer satisfaction index= $\geq$ 90%	
2008	Goal E: Embrace High Standards of Ethics, Management and Accountability	Customer Results	Timeliness and Responsiveness	Delivery Time	Increase frequency of allocating resources to programs for management reporting.	Resources allocated annually and reported in the annual financial statement reports package.	Increase frequency of resource allocation to monthly.	
2008	Goal E: Embrace High Standards of Ethics, Management and Accountability	Mission and Business Results	Financial Management	Cost Accounting / Performance Measurement	Reduce total annual cost to operate and maintain all OCFO financial-related systems	Total cost to operate and maintain OCFO systems is \$14.2M per annum.	Total 10 year annual cost to maintain will result in a NPV savings of \$108.3M; or Return on Investment of 107% and payback period of 6.86 years.	
2008	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Cycle Time and Resource Time	Timeliness	Reduction in number of days Financial Statements delivered to OMB.	Annual audited financial statement delivered to OMB on Dec. 15	Annual audited financial statement is delivered to OMB by Nov 5 to meet Gov't-wide Expedited Reporting Requirements	
2008	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Management and Innovation	Compliance	Reduce number of audit deficiencies reported in financial statement audit report related to compliance issues.	Two (2) financial statement material weaknesses related to Financial Management systems	Eliminate all audit material weaknesses and reportable conditions attributable to financial systems and ensure full compliance with FFMA.	

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
2008	Goal E: Embrace High Standards of Ethics, Management and Accountability	Processes and Activities	Management and Innovation	Compliance	Receipt of an unqualified audit opinion on annual financial statements with no audit deficiencies related to financial systems.	Financial statements received an unqualified audit opinion with 2 audit findings related to financial system deficiencies.	Annual financial statements receive an unqualified audit opinion	
2008	Goal E: Embrace High Standards of Ethics, Management and Accountability	Technology	Effectiveness	IT Contribution to Process, Customer, or Mission	Reduce total number of financial-related systems maintained by OCFO to support online real time recordation of financial data.	OCFO maintains 31 systems to support financial-related functions.	Reduce number of maintained systems to 22, a 29% reduction in financial systems. The reduced processing time will reduce operational costs and time to record and provide information to management.	

All new IT investments initiated for FY 2005 and beyond must use Table 2 and are required to use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Please use Table 2 and the PRM to identify the performance information pertaining to this major IT investment. Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for at least four different Measurement Areas (for each fiscal year). The PRM is available at [www.egov.gov](http://www.egov.gov).

## **ENTERPRISE ARCHITECTURE (EA) BY08**

### *General EA Questions BY08*

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

Is this investment included in your agency's target enterprise architecture? Yes

If "no," please explain why this investment is not included in your agency's target enterprise architecture?

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

If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. Financial Management Line of Business

If "no," please explain why this investment is not included in the agency's EA Transition Strategy?

### *FEA SRM BY08*

Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to <http://www.whitehouse.gov/omb/egov/>.

Service Component Reference Model (SRM) Table

Agency Component Name	Agency Component Description	Service Domain	FEA SRM Service Type	FEA SRM Component	FEA Service Component Reused Name	FEA Service Component Reused UPI	Internal or External Reuse?	BY Funding Percentage
Facilities Management	"Defines the set of capabilities that support the construction, management and maintenance of facilities for an organization."	Back Office Services	Asset / Materials Management	Facilities Management			No Reuse	0
Extraction and Transformation	Defines the set of capabilities that support the manipulation and change of data.	Back Office Services	Data Management	Extraction and Transformation			No Reuse	0
Enterprise Application Integration	Support the redesigning of disparate information systems into one system that uses a common set of data structure and rules.	Back Office Services	Development and Integration	Enterprise Application Integration			No Reuse	3
Financial Management - Billing and Accounting	Financial Management defines the set of capabilities that support the accounting practices and procedures that allow for the handling of revenues, funding and expenditures. Billing and Accounting defines the set of capabilities that support the charging, collection and reporting of an organization's accounts.	Back Office Services	Financial Management	Billing and Accounting			No Reuse	0
Financial Management - Debt Collection	Financial Management defines the set of capabilities that support the accounting practices and procedures that allow for the handling of revenues, funding and expenditures. Debt Collection defines the set of capabilities that support the process	Back Office Services	Financial Management	Debt Collection			No Reuse	0

Agency Component Name	Agency Component Description	Service Domain	FEA SRM Service Type	FEA SRM Component	FEA Service Component Reused Name	FEA Service Component Reused UPI	Internal or External Reuse?	BY Funding Percentage
	of accounts receivable.							
Expense Management	Expense Management defines the set of capabilities that support the management and reimbursement of costs paid by employees or an organization.	Back Office Services	Financial Management	Expense Management			No Reuse	3
Financial Management - Expense Management	Financial Management defines the set of capabilities that support the accounting practices and procedures that allow for the handling of revenues, funding and expenditures. Expense Management defines the set of capabilities that support the management and reimbursement of costs paid by employees or an organization.	Back Office Services	Financial Management	Expense Management			No Reuse	0
Financial Management - Internal Controls	Financial Management defines the set of capabilities that support the accounting practices and procedures that allow for the handling of revenues, funding and expenditures. Internal Controls defines the set of capabilities that support the methods and procedures used by the organization to safeguard its assets, produce accurate accounting data and reports, contribute to efficient operations, and encourage staff to adhere to management	Back Office Services	Financial Management	Internal Controls			No Reuse	0

Agency Component Name	Agency Component Description	Service Domain	FEA SRM Service Type	FEA SRM Component	FEA Service Component Reused Name	FEA Service Component Reused UPI	Internal or External Reuse?	BY Funding Percentage
	policies.							
Financial Management - Payment/Settlement	Financial Management defines the set of capabilities that support the accounting practices and procedures that allow for the handling of revenues, funding and expenditures. Payment/Settlement defines the set of capabilities that support the process of accounts payable.	Back Office Services	Financial Management	Payment / Settlement			No Reuse	0
Education/Training	"Defines the set of capabilities that support the active building of employee capacities."	Back Office Services	Human Resources	Education / Training			No Reuse	0
Governance/Policy Management	Defines the set of capabilities intended to influence and determine decisions, actions, business rules and other matters within an organization.	Business Management Services	Management of Processes	Governance / Policy Management			No Reuse	0
Document Management - Document Imaging and OCR	Document Management defines the set of capabilities that control the capture and maintenance of an organization's documents and files. Document Imaging and OCR defines the set of capabilities that support the scanning of physical documents for use electronically.	Digital Asset Services	Document Management	Document Imaging and OCR			No Reuse	0
Document Referencing	Defines the set of capabilities that support the redirection to other documents and information for related content.	Digital Asset Services	Document Management	Document Referencing			No Reuse	6
Document Review and Approval	Defines the set of capabilities that support the editing and commendation of documents before	Digital Asset Services	Document Management	Document Review and Approval			No Reuse	24

Agency Component Name	Agency Component Description	Service Domain	FEA SRM Service Type	FEA SRM Component	FEA Service Component Reused Name	FEA Service Component Reused UPI	Internal or External Reuse?	BY Funding Percentage
	releasing them.							
Document Revisions	Defines the set of capabilities that support the versioning and editing of content and documents.	Digital Asset Services	Document Management	Document Revisions			No Reuse	2
Document Management - Library/Storage	Document Management defines the set of capabilities that control the capture and maintenance of an organization's documents and files. Library and Storage defines the set of capabilities that support document and data warehousing and archiving.	Digital Asset Services	Document Management	Library / Storage			No Reuse	0
Document Retirement	Defines the set of capabilities that support the termination or cancellation of documents and artifacts used by an organization and its stakeholders.	Digital Asset Services	Records Management	Document Retirement			No Reuse	3
Document Library	Defines the set of capabilities that support the grouping and archiving of files and records on a server.	Support Services	Collaboration	Document Library			No Reuse	0
Email	Defines the set of capabilities that support the transmission of memos and messages over a network.	Support Services	Collaboration	Email			No Reuse	0
Forms Creation	Forms Creation defines the set of capabilities that support the design and generation of electronic or physical forms and templates for use within the business cycle by an organization and its stakeholders.	Support Services	Forms Management	Forms Creation			No Reuse	0
Forms Management - Forms Creation	Forms Management defines the set of	Support Services	Forms Management	Forms Creation			No Reuse	0

Agency Component Name	Agency Component Description	Service Domain	FEA SRM Service Type	FEA SRM Component	FEA Service Component Reused Name	FEA Service Component Reused UPI	Internal or External Reuse?	BY Funding Percentage
	capabilities that support the creation, modification and usage of physical or electronic documents used to capture information within the business cycle. Forms Creation defines the set of capabilities that support the design and generation of electronic or physical forms and templates for use within the business cycle by an organization and its stakeholders.							
Forms Management - Forms Modification	Forms Management defines the set of capabilities that support the creation, modification and usage of physical or electronic documents used to capture information within the business cycle. Forms Modification defines the set of capabilities that support the maintenance of electronic or physical forms, templates and their respective elements and fields.	Support Services	Forms Management	Forms Modification			No Reuse	0
Forms Modification	Forms Modification defines the set of capabilities that support the maintenance of electronic or physical forms, templates and their respective elements and fields.	Support Services	Forms Management	Forms Modification			No Reuse	0
Encryption	Defines the set of capabilities that support the encoding of data for security purposes.	Support Services	Security Management	Cryptography			No Reuse	4



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

A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.

'Internal' reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. 'External' reuse is one agency within a department reusing a service component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.

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

### FEA TRM BY08

To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

Technical Reference Model (TRM) Table

FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (i.e. vendor or product name)
Configuration Management	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1 COBOL / OS390 v2.01.0 / COBOL II COBOL / OS390 v2.01.0 / COBOL II COBOL / OS390 v2.01.0 / COBOL II DBL IBM JCL Microsoft Visual Basic (version unspecified) / 5.x / 6.0 PowerBuilder (version unspecified) / 5.0 / 6.5 PowerBuilder (versi
OLAP	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1 COBOL / OS390 v2.01.0 / COBOL II COBOL / OS390 v2.01.0 / COBOL II COBOL / OS390 v2.01.0 / COBOL II DBL IBM JCL Microsoft Visual Basic (version unspecified) / 5.x / 6.0 PowerBuilder (version unspecified) / 5.0 / 6.5 PowerBuilder (versi
Categorization	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, DBL, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, PowerBuilder (version unspecified) / 5.0 / 6.5, PowerBuilde
Data Classification	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, DBL, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, PowerBuilder (version unspecified) / 5.0 / 6.5, PowerBuilde
Library / Storage	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, DBL, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, PowerBuilder (version unspecified) / 5.0 / 6.5, PowerBuilde
Revenue Management	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390

FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (i.e. vendor or product name)
				v2.01.0 / COBOL II, DBL, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, PowerBuilder (version unspecified) / 5.0 / 6.5, PowerBuilde
Risk Management	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, DBL, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, PowerBuilder (version unspecified) / 5.0 / 6.5, PowerBuilde
Standardized / Canned	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, DBL, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, PowerBuilder (version unspecified) / 5.0 / 6.5, PowerBuilde
Billing and Accounting	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, PowerBuilder (version unspecified) / 5.0 / 6.5, QLP, RPG, SAS IM
Credit / Charge	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, PowerBuilder (version unspecified) / 5.0 / 6.5, QLP, RPG, SAS IM
Expense Management	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, PowerBuilder (version unspecified) / 5.0 / 6.5, QLP, RPG, SAS IM
Information Retrieval	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, DBL, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, QLP, RPG, RPG, SAS IML - Interactive Matrix Language 6.09
Data Mart	Component Framework	Business Logic	Platform Dependent	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, QLP, RPG, SAS IML - Interactive Matrix Language 6.09
Internal Controls	Component Framework	Business Logic	Platform Dependent	COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, DBL, PowerBuilder (version unspecified) / 5.0 / 6.5, RPG

FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (i.e. vendor or product name)
Knowledge Capture	Component Framework	Business Logic	Platform Dependent	COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, DBL, PowerBuilder (version unspecified) / 5.0 / 6.5, RPG
Process Tracking	Component Framework	Business Logic	Platform Dependent	COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, DBL, PowerBuilder (version unspecified) / 5.0 / 6.5, RPG
Data Exchange	Component Framework	Business Logic	Platform Dependent	COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, PowerBuilder (version unspecified) / 5.0 / 6.5
Debt Collection	Component Framework	Business Logic	Platform Dependent	COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, PowerBuilder (version unspecified) / 5.0 / 6.5
Extraction and Transformation	Component Framework	Business Logic	Platform Dependent	COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, PowerBuilder (version unspecified) / 5.0 / 6.5
Payment / Settlement	Component Framework	Business Logic	Platform Dependent	COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, PowerBuilder (version unspecified) / 5.0 / 6.5
Ad Hoc	Component Framework	Business Logic	Platform Dependent	COBOL / OS390 v2.01.0 / COBOL II, PowerBuilder (version unspecified) / 5.0 / 6.5, COBOL / OS390 v2.01.0 / COBOL II, DBL, RPG
Decision Support and Planning	Component Framework	Business Logic	Platform Dependent	DBL, RPG
Information Sharing	Component Framework	Business Logic	Platform Dependent	DBL, RPG
Performance Management	Component Framework	Business Logic	Platform Dependent	DBL, RPG
Resource Planning and Allocation	Component Framework	Business Logic	Platform Dependent	DBL, RPG
Strategic Planning and Mgmt	Component Framework	Business Logic	Platform Dependent	DBL, RPG
Auditing	Component Framework	Business Logic	Platform Dependent	PowerBuilder (version unspecified) / 5.0 / 6.5
Portfolio Management	Component Framework	Business Logic	Platform Dependent	PowerBuilder (version unspecified) / 5.0 / 6.5
Access Control	Component Framework	Business Logic	Platform Dependent	PowerBuilder (version unspecified) / 5.0 / 6.5 QLP RPG SAS IML - Interactive Matrix Language 6.09 CICS / CICS 4.1 COBOL / OS390 v2.01.0 / COBOL II IBM JCL Microsoft Visual Basic (version unspecified) / 5.x / 6.0 COBOL / OS390 v2.01.0 / COBOL II Power
Activity-Based Management	Component Framework	Business Logic	Platform Dependent	PowerBuilder (version unspecified) / 5.0 / 6.5, COBOL / OS390 v2.01.0 / COBOL II, PowerBuilder (version unspecified) / 5.0 / 6.5, COBOL / OS390 v2.01.0 / COBOL II

FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (i.e. vendor or product name)
Data Mart	Component Framework	Business Logic	Platform Independent	C
Access Control	Component Framework	Business Logic	Platform Independent	C Sun Java Runtime Environment (JRE) 1.3.1 JavaScript 1.3 / Unspecified Java 1.2
Information Retrieval	Component Framework	Business Logic	Platform Independent	C, Java 1.2
Categorization	Component Framework	Business Logic	Platform Independent	C, Java 1.2, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
Configuration Management	Component Framework	Business Logic	Platform Independent	C, Java 1.2, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
Library / Storage	Component Framework	Business Logic	Platform Independent	C, Java 1.2, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
Network Management	Component Framework	Business Logic	Platform Independent	C, Java 1.2, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
OLAP	Component Framework	Business Logic	Platform Independent	C, Java 1.2, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
Revenue Management	Component Framework	Business Logic	Platform Independent	C, Java 1.2, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
Risk Management	Component Framework	Business Logic	Platform Independent	C, Java 1.2, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
Standardized / Canned	Component Framework	Business Logic	Platform Independent	C, Java 1.2, Sun Java Runtime Environment (JRE) 1.3.1
Billing and Accounting	Component Framework	Business Logic	Platform Independent	C, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
Credit / Charge	Component Framework	Business Logic	Platform Independent	C, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
Data Classification	Component Framework	Business Logic	Platform Independent	C, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
Expense Management	Component Framework	Business Logic	Platform Independent	C, JavaScript 1.3 / Unspecified, Sun Java Runtime Environment (JRE) 1.3.1
Decision Support and Planning	Component Framework	Business Logic	Platform Independent	Java 1.2
Information Sharing	Component Framework	Business Logic	Platform Independent	Java 1.2
Performance Management	Component Framework	Business Logic	Platform Independent	Java 1.2
Resource Planning and Allocation	Component Framework	Business Logic	Platform Independent	Java 1.2
Strategic Planning and Mgmt	Component Framework	Business Logic	Platform Independent	Java 1.2
Internal Controls	Component Framework	Business Logic	Platform Independent	Java 1.2, Sun Java Runtime Environment (JRE) 1.3.1
Knowledge Capture	Component Framework	Business Logic	Platform Independent	Java 1.2, Sun Java Runtime Environment (JRE) 1.3.1
Identification	Component	Business Logic	Platform	JSP

FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (i.e. vendor or product name)
and Authentication	Framework		Independent	
Activity-Based Management	Component Framework	Business Logic	Platform Independent	Sun Java Runtime Environment (JRE) 1.3.1
Data Exchange	Component Framework	Business Logic	Platform Independent	Sun Java Runtime Environment (JRE) 1.3.1
Debt Collection	Component Framework	Business Logic	Platform Independent	Sun Java Runtime Environment (JRE) 1.3.1
Extraction and Transformation	Component Framework	Business Logic	Platform Independent	Sun Java Runtime Environment (JRE) 1.3.1
Payment / Settlement	Component Framework	Business Logic	Platform Independent	Sun Java Runtime Environment (JRE) 1.3.1
Ad Hoc	Component Framework	Business Logic	Platform Independent	Sun Java Runtime Environment (JRE) 1.3.1, Java 1.2
Network Management	Component Framework	Data Interchange	Data Exchange	CICS / CICS 4.1, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, COBOL / OS390 v2.01.0 / COBOL II, DBL, IBM JCL, Microsoft Visual Basic (version unspecified) / 5.x / 6.0, PowerBuilder (version unspecified) / 5.0 / 6.5, PowerBuide
Ad Hoc	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Billing and Accounting	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Categorization	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Configuration Management	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Credit / Charge	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Data Classification	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Data Mart	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Decision Support and Planning	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Expense Management	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Information Retrieval	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Information Sharing	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Internal Controls	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Knowledge Capture	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Library / Storage	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Network Management	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
OLAP	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0

FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (i.e. vendor or product name)
Performance Management	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Process Tracking	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Resource Planning and Allocation	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Revenue Management	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Risk Management	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Standardized / Canned	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Strategic Planning and Mgmt	Component Framework	Data Interchange	Data Exchange	Eastman Imaging v2.0
Billing and Accounting	Component Framework	Data Management	Database Connectivity	Eastman Imaging v2.0
Configuration Management	Component Framework	Data Management	Database Connectivity	Nomad 6.50a, Web SQL 1.2 / Unspecified
Credit / Charge	Component Framework	Data Management	Database Connectivity	Nomad 6.50a, Web SQL 1.2 / Unspecified
Data Classification	Component Framework	Data Management	Database Connectivity	Nomad 6.50a, Web SQL 1.2 / Unspecified
Ad Hoc	Component Framework	Data Management	Database Connectivity	Web SQL 1.2 / Unspecified
Auditing	Component Framework	Data Management	Database Connectivity	Web SQL 1.2 / Unspecified
Activity-Based Management	Component Framework	Data Management	Database Connectivity	Web SQL 1.2 / Unspecified
Business Rule Management	Component Framework	Data Management	Database Connectivity	Web SQL 1.2 / Unspecified
Case Management	Component Framework	Data Management	Database Connectivity	Web SQL 1.2 / Unspecified
Categorization	Component Framework	Data Management	Database Connectivity	Web SQL 1.2 / Unspecified
Categorization	Component Framework	Data Management	Database Connectivity	Web SQL 1.2 / Unspecified
Access Control	Component Framework	Data Management	Database Connectivity	Web SQL 1.2 / Unspecified Nomad 6.50a
Access Control	Component Framework	Data Management	Reporting and Analysis	DEPCON Central v5r2 Cognos Impromptu 4.01 Hyperion
Access Control	Component Framework	Presentation / Interface	Content Rendering	Microsoft Office 95 / 97
Auditing	Component Framework	Presentation / Interface	Content Rendering	Microsoft Office 95 / 97
Activity-Based Management	Component Framework	Presentation / Interface	Content Rendering	Microsoft Office 95 / 97
Access Control	Component Framework	Presentation / Interface	Static Display	FormFlow
Access Control	Component Framework	Security	Supporting Security Services	Open SSH Server/Client TelnetD 4.0
Ad Hoc	Component Framework	Security	Supporting Security Services	TelnetD 4.0
Access Control	Service Access	Access	Collaboration /	Microlog Envov Lotus Notes 5.0 pc

FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (i.e. vendor or product name)
	and Delivery	Channels	Communications	Anywhere 32 Lotus Notes 5.0
Ad Hoc	Service Access and Delivery	Access Channels	Collaboration / Communications	pc Anywhere 32, Lotus Notes 5.0
Activity-Based Management	Service Access and Delivery	Access Channels	Collaboration / Communications	pc Anywhere 32, Lotus Notes 5.0
Activity-Based Management	Service Access and Delivery	Access Channels	Web Browser	Netscape Communicator 4.7 / Navigator 4.04
Ad Hoc	Service Access and Delivery	Access Channels	Web Browser	Netscape Communicator 4.7 / Navigator 4.04
Access Control	Service Access and Delivery	Access Channels	Web Browser	Netscape Communicator 4.7 / Navigator 4.04 Microsoft Internet Explorer 4.0 or Earlier Netscape Communicator 4.7 / Navigator 4.04
Ad Hoc	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	Netscape LDAP Server
Activity-Based Management	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	Netscape LDAP Server
Access Control	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	Netscape LDAP Server, DEF II
Ad Hoc	Service Interface and Integration	Integration	Middleware	3270 Emulation on PC
Access Control	Service Interface and Integration	Integration	Middleware	TIP 1100 3270 Emulation on PC
Ad Hoc	Service Platform and Infrastructure	Database / Storage	Database	DMS-1100, RDMS / RDMS 9R3, Microsoft SQL Server 6.5 / 6.5 Client / 7.0
Activity-Based Management	Service Platform and Infrastructure	Database / Storage	Database	SQL, DMS-1100, RDMS / RDMS 9R3
Access Control	Service Platform and Infrastructure	Database / Storage	Database	SQL, UDS DMS, Microsoft Access 95/97, DB2 / Database 2 Version 4.0, Microsoft SQL Server 2000, DMS-1100, RDMS / RDMS 9R3, RDMS / RDMS 9R3, SYBASE IQ 11.2 / 12, Microsoft SQL Server 6.5 / 6.5 Client / 7.0, Microsoft SQL Server 6.5 / 6.5 Client / 7.0
Activity-Based Management	Service Platform and Infrastructure	Delivery Servers	Application Servers	ColdFusion 3.0 / 3.1 / 4.0.1/ 4.5.1 / ColdFusion Enterprise
Ad Hoc	Service Platform and Infrastructure	Delivery Servers	Application Servers	NetDynamics 4.1, Netscape Enterprise Server 3.0 / 3.6.1 / 3.6.2, ColdFusion 3.0 / 3.1 / 4.0.1/ 4.5.1 / ColdFusion Enterprise
Access Control	Service Platform and Infrastructure	Delivery Servers	Application Servers	NetDynamics 4.1, Netscape Enterprise Server 3.0 / 3.6.1 / 3.6.2, Unicenter TNG 2.2, ColdFusion 3.0 / 3.1 / 4.0.1/ 4.5.1 / ColdFusion Enterprise, ColdFusion 3.0 / 3.1 / 4.0.1/ 4.5.1 / ColdFusion Enterprise
Access Control	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment	VS COBOL II Compiler & Library 1.4.0
Access Control	Service Platform and	Software Engineering	Modeling	ERWin 3.5 / Unspecified, Oracle Designer 2000, TOAD 7.2, CASE IE,

FEA SRM Component	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (i.e. vendor or product name)
	Infrastructure			BPWin, ERWin 3.5 / Unspecified, Oracle Designer 2000, TOAD 7.2, CASE IE
Access Control	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Eastman Open Image/Open Workflow, Peregrine Change Management (CM) 3.0
Ad Hoc	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Eastman Open Image/Open Workflow, Peregrine Change Management (CM) 3.0
Access Control	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	PVCS, CMPlus, Peregrine Change Management (CM) 3.0, Endeavor, PVCS
Ad Hoc	Service Platform and Infrastructure	Support Platforms	Platform Dependent	HUDWare (Windows XP, Office 2000), MS-DOS, Unisys OS1100 SB6 6D2, Microsoft Windows NT 3.51 / 4.0 SP5 / 4.0 SP6 and SP6a / version unspecified, Unisys OS1100 SB6 6D2, Microsoft Windows NT 3.51 / 4.0 SP5 / 4.0 SP6 and SP6a / version unspecified
Access Control	Service Platform and Infrastructure	Support Platforms	Platform Dependent	Microsoft Windows NT 3.51 / 4.0 SP5 / 4.0 SP6 and SP6a / version unspecified, Microsoft Windows NT 3.51 / 4.0 SP5 / 4.0 SP6 and SP6a / version unspecified, OS390, HUDWare (Windows XP, Office 2000), MS-DOS, Unisys OS1100 SB6 6D2, Microsoft Windows NT
Activity-Based Management	Service Platform and Infrastructure	Support Platforms	Platform Dependent	Microsoft Windows NT 3.51 / 4.0 SP5 / 4.0 SP6 and SP6a / version unspecified, HUDWare (Windows XP, Office 2000), MS-DOS, Unisys OS1100 SB6 6D2, Microsoft Windows NT 3.51 / 4.0 SP5 / 4.0 SP6 and SP6a / version unspecified, Unisys OS1100 SB6 6D2

Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications

In the Service Specification field, Agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

#### *Reuse & Information Sharing BY08*

Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc). If so, please describe.

The COTS certified software system selected for the enterprise core financial system will be configured and adapted to meet business requirements. The core financial system will be out-sourced to a COE/SSC provider for IT support through application hosting with either a qualified Federal government or commercial service provider. Other components/applications across the Government will be leveraged as appropriate, including approved recommendations from the E-Government/OMB Grants, Financial Management and Human Resource Lines of Business Initiatives.

The TRM components listed have been tentatively mapped to the FEA Service Component Reference Model (SRM). A number of technical standards have been identified that may be applicable to the FM service components, and Web references have been provided for each of them. However, it will be necessary for subject matter experts (SME's) to identify and provide rationales for the standards pertinent specifically to FM. The listing is not comprehensive or authoritative. Rather, it is a starting point for further consideration by the SME's. Establishing service standards is not something that can be done by a single agency in isolation from front-line stakeholders. Modern management practice requires not only that stakeholders be supportive of performance goals and objectives but also that they be actively engaged in establishing those standards. The scope and scale of the FMLoB is such that no single individual or group can possibly acquire and retain sufficient knowledge and expertise to do justice to



these standards; and will require a collaborative effort with internal stakeholders and contractor results. If "yes," please describe how the application will leverage existing components and/or applications across the Government.

The OCFO, FHA, Ginnie Mae and OFHEO will transition from four independent financial systems to a single integrated system; and the application will be hosted by an external shared service center.

The OCFO is scheduled to transition to the government e-Travel system by the end of 2007; and will retire the current internal travel system. HUD obtains payroll processing services from USDA-NFC; leveraging their skills, processes and systems to process, record, and provide payroll services to employees. HUD provides selected delinquent accounts and debt collection information for monies owed to the Treasury Department to initiate the collection process. The OCFO is scheduled to select and transition to a qualified shared service center for application hosting support for the new COTS certified financial system. The selection will be based on the level of service offered, the technical and management capabilities of the organization and proposed pricing to HUD. To the extent the potential service provider is able to re-use existing FEA components currently supporting the Federal government, economies of skills and scale will provide competitive prices; and the best value to the government.

Does this investment provide the public with access to a No government automated information system?

If "yes," does customer access require specific software (e.g., a specific web browser version)?

If "yes," provide the specific product name(s) and version number(s) of the required software and the date when the public will be able to access this investment by any software (i.e. to ensure equitable and timely access of government information and services).

#### *FEA Primary Mapping BY08*

FEA Primary Mapping

Reference Model:

BRM

Business Area:

Management of Government Resources

Line of Business:

Financial Management

Sub Function:

Funds Control

Mapping Code:

402125