INITIATIVE DEFINITION BY08

Initiative Definition BY08

Template Name	IT Investment BY2008
Investment Name	HSG-MF - 251780 - Tenant Rental Assistance Certification System (TRACS)
Investment Revision Number	8
Is this investment a consolidated business case?	No
Point of Contact	Legge, James
Revision Comment	
Class	IT

I.A: OVERVIEW BY08

Descriptive Information BY08

Date of Submission	9/11/2006
Agency	Department of Housing and Urban Development
Bureau	Working Capital Fund
Name of this Capital Asset	HSG-MF - 251780 - Tenant Rental Assistance Certification System (TRACS)
Full UPI Code	025-00-01-03-01-1130-00
Four Digit UPI Code	1130
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	03 - Rental Housing Assistance
PY Full UPI Code	025-00-01-03-01-1170-00-112-038
What kind of investment will this be in this Budget Year?	Mixed Life Cycle
If this investment supports homeland security, Indicate by corresponding number which homeland security mission area(s) this investment supports?	
OMB Short Description	TRACS is the sole repository of all tenant certification data for Multifamily Housing. TRACS controls payment processing for approximately 250,000 Section 8 subsidy payments annually.
Investment C&A Status	55 - All of the systems within this investment have been through a C&A Process and have been granted Full Authority to Operate

Screening Questions BY08

What was the first budget year this investment was submitted to OMB?	FY2001 or earlier

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:

TRACS is a mixed program/financial system that supports Housing Rental Assistance Programs. TRACS interfaces with OCFO accounting systems to obligate over $5 billion in new budget authority annually and makes payments of about $8 billion. TRACS is the sole repository of subsidy contract data and corresponding tenant data for project-based rental assistance programs. Subsidy voucher data and contract data are also fed to other HUD systems.

Continuing investment in TRACS will support business process and information technology modernization in accordance with HUD's Rental Housing Assistance (RHA) Line of Business (LOB) segment architecture and the Department's Business and IT Modernization Roadmap (Vision 2010). Implementation of Service Oriented Architecture (SOA) is the strategy being deployed to consolidate common functions across HUD's lines of business, and to improve integration with new internet-based technologies, both internal and external business systems.

In FY2007, a major re-engineering of TRACS will commence utilizing SOA and an E-Gov Portal solution (similar to Grants.gov) to submit Tenant Certification and Vouchers. This re-engineering effort will leverage the HUD application investment, improve efficiency, and reduce costs. The E-Gov Portal will be used to replace TRACSMAIL for transmission of tenant certification and subsidy voucher data, providing a

secure mechanism and detailed statistics on data files.

Online filing for storage and retrieval of millions of contract and payment documents will increase efficiency and reduce storage and paper handling. The re-engineering will improve calculation of tenant rent contributions and eliminate payment vouchers. Also, newer client server applications for budget calculations and funding will be updated and integrated for TRACS.

These initiatives align with the President's Management Agenda (PMA) and HUD's Strategic Plan to integrate common processes to improve management and internal controls, modernize and simplify systems solutions, leverage emerging technologies, reduce costs, and streamline operations. The initiatives address several of HUD's most significant management challenges, including improving financial management systems and assisted housing program administration. In addition, they will implement electronic government for a core business purpose and will contribute to the PMA goal to improve the performance of intermediaries.

Did the Agency's Executive/Investment Committee approve this request?	Yes
If "yes," what was the date of this approval?	7/18/2006
Did the Project Manager review this Exhibit?	Yes
Contact information of Project Manager?	
Project Manager Name Whalen, Frank J	
Project Manager Phone Number	202-245-1499
Project Manager E-mail	frank_j._whalen@hud.gov
Has the agency developed and/or promoted cost effective, energy efficient and environmentally sustainable techniques or practices for this project.	No
Will this investment include electronic assets (including computers)?	Yes
Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)	No
If "yes," is an ESPC or UESC being used to help fund this investment?	
If "yes," will this investment meet sustainable design principles?	
If "yes," is it designed to be 30% more energy efficient than relevant code?	
Does this investment directly support one of the PMA initiatives?	Yes
If "yes," check all of the PMA initiatives that apply:	Budget Performance Integration, Expanded E-Government, Financial Performance
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
Does this investment address a weakness found during the PART Review?	No
If "yes," what is the name of the PARTed program?	
If "yes," what PART rating did it receive?	
Is this investment for information technology?	Yes
Briefly describe how this asset directly supports the identified initiative(s)?	TRACS is aligned with the President's Management Agenda to improve financial performance, address budget and performance integration, and ensure expanded E-Gov initiatives. Enhancements to the TRACS Subsidy Payment Suspension Initiative, and, enforcement of the MFH 90% Compliance Rule for unsubstantiated payments, directly addresses HUD's Management and Performance initiatives. One of the objectives of the Expanded E-Gov agenda is to automate internal processes in order to reduce internal costs.

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 Guidance)	Level 2
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 FFMIA compliance area?	No
If "yes," which FFMIA compliance area?	N/A
If "no," what does it address?	TRACS is the mixed program/financial system that supports funding and payments for all Housing rental assistance programs. TRACS interfaces with OCFO's PAS and LOCCS accounting systems to obligate over $5 billion in new budget authority annually and make payments of approximately $8 billion. The TRACS subsystems, ARAMS and the Voucher/Payments subsystem, provide two-way interfaces with the core accounting systems.
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	
Tenant Rental Assistance Certification System - (TRACS) F87	
Provide the Percentage Financial Management for the budget year	1.690000
What is the percentage breakout for the total FY2008 funding request for the following? (This should total 100%)	100.000000
For budget year, what percentage of the total investment is for hardware?	0
For budget year, what percentage of the total investment is for software?	65.000000
For budget year, what percentage of the total investment is for services?	35.000000
For budget year, what percentage of the total investment is for other services?	0
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?	Yes
Contact information of individual responsible for privacy related questions:	
Privacy Officer Name Smith, Jeanette	
Privacy Officer Phone Number	202-708-2374 ext. 8062
Privacy Officer Title	Departmental Privacy Act Officer
Privacy Officer E-mail	jeanette_smith@hud.gov
Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?	Yes

I.B: 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
Planning									
Budgetary Resources	3820.509	0	804	255					
Outlays	3820.509	0	0	0					
A. Project Initiation/Planning									
Budgetary Resources	1991.1	0	160	65					
Outlays	1991.1	0	0	0					
B. Requirements Definition									
Budgetary Resources	725	0	322	120					
Outlays	725	0	0	0					
C. System Design									
Budgetary Resources	1104.409	0	322	70					
Outlays	1104.409	0	0	0					
Acquisition									
Budgetary Resources	4564.182	0	1956	1745					
Outlays	4564.182	0	0	0					
D. Software Acquisition									
Budgetary Resources	100	0	145	0					
Outlays	100	0	0	0					
E. Hardware/Infrastructure Acquisition									
Budgetary Resources	100	0	145	0					
Outlays	100	0	0	0					
F. New Development/Perfective Maintenance									
Budgetary Resources	2602	0	950	1080					
Outlays	2602	0	0	0					
G. Systems Integration & Testing									
Budgetary Resources	1718	0	664	520					
Outlays	1718	0	0	0					
H. Installation & Deployment									
Budgetary Resources	44.182	0	52	145					
Outlays	44.182	0	0	0					
Subtotal Planning & Acquisition									
Budgetary Resources	8384.691	0	2760	2000					
Outlays	8384.691	0	0	0					
Operations & Maintenance									
Budgetary Resources	9817.903	2481.735	3528.7	3546.237					
Outlays	9817.903	0	0	0					
I. Systems Operation									
Budgetary Resources	2221.082	1298.81	1862	1960					

	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	2221.082	0	0	0					
J. Corrective & Adaptive Maintenance									
Budgetary Resources	7596.821	1182.925	1666.7	1586.237					
Outlays	7596.821	0	0	0					
TOTAL									
Budgetary Resources	18202.594	2481.735	6288.7	5546.237					
Outlays	18202.594	0	0	0					
Government FTE Costs									
Budgetary Resources	1808.623	678.132	681.831	619.541					
Planning									
Budgetary Resources	0	0	0	0					
Acquisition									
Budgetary Resources	0	0	0	0					
Maintenance									
Budgetary Resources	1808.623	678.132	681.831	619.541					

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.

Full Time Equivalents BY08

Use the following table to provide the number of Government Full Time Equivalents (FTE) represented by the Government FTE Costs in the Summary of Spending Table. Numbers should be entered in decimal format for each of the categories listed.

FTE Table

	PY - 6 2000	PY - 5 2001	PY - 4 2002	PY - 3 2003	PY - 2 2004	PY - 1 2005	PY 2006	CY 2007	BY 2008	BY + 1 2009	BY + 2 2010	BY + 3 2011	BY + 4 2012	BY + 5 2013	BY + 6 2014	BY + 7 2015	BY + 8 2016	Total
Financial Management	0	0	0	0	0	0	0	0	0									
Security	0	0	0	0	0	0	0	0	0									
Program Management	0	0	0	0	0	0	0	0	0									
IT	0	0	0	0	0	0	0	0	0									
Other	0	0	0	0	0	0	3	3	3									
Total*	0	0	0	0	0	0	3	3	3									

*This row represents the 'Number of FTE represented by cost' from Summary of Spending table and will be sent to OMB.

Funding Questions BY08

Will this project require the agency to hire additional FTE's?	No
How many and in what year?	
If the summary of spending has changed from the FY2007 President's budget request, briefly explain those changes.	
N/A - No change	
Provide the Percent Budget Formulation (BF) for the budget year	0

Provide the Percent Budget Execution (BE) for the budget year	0

Funding Sources BY08

Funding Sources

FS Name: MAX Code	Row Type	PY - 6 2000	PY - 5 2001	PY - 4 2002	PY - 3 2003	PY - 2 2004	PY - 1 2005	PY 2006	CY 2007	BY 2008	BY + 1 2009	BY + 2 2010	BY + 3 2011	BY + 4 2012	BY + 5 2013	BY + 6 2014	BY + 7 2015	BY + 8 2016	Total
Working Capital Fund: 025-35-4586-0 On Ex.53: **Yes**	DME	0	0	0	0	0	0	0	2760	2110									
	SS	0	0	0	3875.911	4807.409	5154	3160	4362	4167									
	Total	0	0	0	3875.911	4807.409	5154	3160	7122	6277									
Total Yearly Budgets	DME	0	0	0	0	0	0	0	2760	2110									
	SS	0	0	0	3875.911	4807.409	5154	3160	4362	4167									
	Total	0	0	0	3875.911	4807.409	5154	3160	7122	6277									

I.C: ACQUISITION/CONTRACT STRATEGY BY08

Contract/Task Order Table BY08
Complete the table for all (including all non-Federal) contracts and/or task orders currently in place or planned for this investment. Total Value should include all option years for each contract. Contracts and/or task orders completed do not need to be included.

Contract/Task Orders Table

Row Number	Contract or Task Order Number	Type of Contract/ Task Order	Has the contract been awarded?	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/ Task Order	End date of Contract/ Task Order	Total Value of Contract/ Task Order	Is this an Interagency Acquisition?	Is it performance based?	Competitively awarded?	What, if any, alternative financing option is being used?	Is EVM in the contract?	Does the contract include the required security and privacy clauses?	Name of CO	CO Contact information (phone/email)	Contracting Officer Certification Level	If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition?
1	C-OPC-23036	FFP T&M	Yes	6/23/2006	6/23/2006	10/23/2006	264202	No	Yes	Yes	NA	No	Yes	Glymph, Kelvin	kelvin_Glymph@hud.gov	N/A	Yes
2	C-OPC-22661	FFP T&M	Yes	5/5/2005	5/5/2005	5/4/2010	18900000	No	Yes	Yes	NA	Yes	Yes	Glymph, Kelvin	Kelvin_X._Glymph@hud.gov	N/A	Yes
3	C-OPC-22661	Option 1	Yes	5/5/2005	10/23/2006	10/22/2007	2500000	No	Yes	Yes	NA	Yes	Yes	Glymph, Kelvin	Kelvin_X._Glymph@hud.gov	N/A	Yes

Contract/Task Order Questions BY08
If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:
Contracts with "NO" EVM indicated in the contract are maintenance contracts which practice "Operational

Analysis".	
Do the contracts ensure Section 508 compliance?	Yes
Explain why (508 Compliance)?	All MFH Performance Statements of Work, including TRACS, require that the contractor adhere to Section 508 of the Rehabilitation Act of 1973. It further mentions that under Section 508 Federal agencies' electronic and IT products be accessible to people with disabilities. All future HUD web sites and applications must be developed to be compliant with Section 508. For TRACS, each Electronic and IT (EIT) product or service furnished under contact will comply with the EIT standards.
Is there an acquisition plan which has been approved in accordance with agency requirements?	Yes
What is the date of your acquisition plan?	11/1/2004
If "no," will an acquisition plan be developed?	
If "no," briefly explain why:	

I.D: 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)
2002	Goal 3: Improve the quality of public and assisted housing and provide more choices for its residents. Objective 3.2: Improve the Management Accountability for Public and Assisted Housing.	HUD developed this metric in /02; therefore no goals were established for FY 02.	No prior baseline existed because this metric was developed in 8/02.	System utilization rate	93% potential users active
2002	Goal 3: Improve the quality of public and assisted housing and provide more choices for residents. Objective 3.2: Improve the Management Accountability for Public and Assisted Housing. 3.2.3: The High Incidence of Program Errors and Improper	HUD developed this metric in 8/02; therefore no goals were established for FY 02.	No prior baseline existed because this metric was developed in 8/02.	Number of duplicate and obsolete certifications	39,000 duplicate 50059 certified households; 20,000 obsolete 50059 certifications
2002	Goal 3: Improve the qual. of public and assisted housing and provide more	HUD developed this metric in 8/02; therefore no goals were established for FY	No prior baseline existed because this metric was developed in 8/02.	% of Section 8 contract vouchers that are classified as unsubstantiated payment vouchers	24% of payment vouchers (4,723 project-based Section 8 contracts submitted

Fiscal Year	Strategic Goal(s) Supported	Performance Measure	Actual/baseline (from Previous Year)	Planned Performance Metric (Target)	Performance Metric Results (Actual)
	choices for its residents. Objective 3.2: Improve Management Accountability for Public and Assisted Housing. 3.2.3: The High Incidence of Program Error and Improper Payments	02.			unsubstantiated payment vouchers)/(19,425 active Project-Based Section 8 Contracts submitted vouchers for payment thru TRACS)
2002	Goal 6: Embrace High Standards of Ethics, Management and Accountability. Objective 6.1: Improve HUD's Management and Internal Controls, including FHA's Financial Management and resolve Audit Issues.	HUD developed this metric in 08/02; therefore no goals were established for FY 02.	No prior baseline existed because this metric was developed in 8/02.	Percent of Section 8 portfolio contract subject to 100% voucher review	48%
2003	Goal 3: Improve the quality of public and assisted housing and provide more choices for its residents. Objective 3.2: Improve the Management Accountability for Public and Assisted Housing.	Increase utilization for Project-based Section 8 rental assistance programs.Goal is to increase utilization to a level of 94% of potential users.	93% potential users active (FY2002)	System utilization rate	Actual Performance Results: 92.3% of potential users active as of 09/30/03.
2003	Goal 3: Improve the qual. of public and assisted housing and provide more choices for its residents. Objective 3.2: Improve the Management Accountability for Public and Assisted Housing. 3.2.3: The High Incidence of Program Errors and Improper Paym	Reduce redundant certifications in TRACS. Goal is a 50% reduction in duplicate 50059s and a 25% reduction in obsolete 50059s from prior year baseline levels.	39,000 duplicate 50059 certified (FY2002) households;	Number of duplicate and obsolete certifications	As of 09/30/2003; 6,700 duplicate 50059 records and 14,700 obsolete 50059 records.
2003	Goal 3: Improve the qual. of public and assisted housing and provide more	Goal is to reduce amount of unsubstantiated payments by 20% i.e., to	24% of payment vouchers (FY2002)	% of Section 8 contract vouchers that are classified as unsubstantiated payment vouchers	Based on Sept 2003 voucher submissions: 16% of payment vouchers are

Fiscal Year	Strategic Goal(s) Supported	Performance Measure	Actual/baseline (from Previous Year)	Planned Performance Metric (Target)	Performance Metric Results (Actual)
	choices for residents. Objective 3.2: Improve the Management Accountability for Public and Assisted Housing. 3.2.3: The High Incidence of Program Errors and Improper Paym	approximately 19% of all payment vouchers.			unsubstantiated (2,953 project - based section 8 contracts submitted unsubstantiated payment vouchers)/(19,605 active Project Based Section 8 Contracts submitted vouchers for pay
2003	Goal 6: Embrace High Standards of Ethics, Management and Accountability. Objective 6.1: Improve HUD's Management and Internal Controls, including FHA's Financial Management and resolve Audit Issues.	Increase percentage of project-based Section 8 Contracts subject to review. Goal is to increase percentage of contracts subject to review by 5%.	48% of contracts subject to review (FY2002)	% of Section 8 portfolio contract subject to 100%	As of 09/30/2003 50.4% of contracts subject to pre-payment review.
2004	Goal 3: Improve the quality of public and assisted housing and provide more choices for its residents. Objective 3.2: Improve the Management Accountability for Public and Assisted Housing.	Increase utilization for Project-based Section 8 rental assistance programs. Goals is to increase utilization to a level of 95% of potential users.	93% potential users active(FY2002)	System utilization rate	Actual performance results: 95.7% of potential users active as of 9/30/04.
2004	Goal 3: Improve the qual. of public and assisted housing and provide more choices for residents. Objective 3.2: Improve the Management Accountability for Public and Assisted Housing. 3.2.3: The High Incidence of Program Errors and Improper Paym	Reduce redundant certifications in TRACS. Goal is a 95% reduction in duplicate 50059s and a 60% reduction in obsolete 50059s from the original baseline levels.	39,000 duplicate 50059 certified households; 20,000 obsolete 50059 certifications (FY2002)	Number of duplicate and obsolete certifications	As of 9/30/04 94 duplicate 50059 records and approximately 6,400 obsolete 50059 records remained.
2004	Goal 3: Improve the qual. of public and assisted housing and	Goal is to reduce unsubstantiated payments by 50% from baseline level	24% of payment vouchers (FY2002)	% of Section 8 contract vouchers that are classified as unsubstantiated	Based on Oct 2004 voucher submissions:10.4% of payment

Fiscal Year	Strategic Goal(s) Supported	Performance Measure	Actual/baseline (from Previous Year)	Planned Performance Metric (Target)	Performance Metric Results (Actual)
	provide more choices for residents. Objective 3.2: Improve the Management Accountability for Public and Assisted Housing. 3.2.3: The High Incidence of Program Errors and Improper Paym	i.e., to approximately 12% of all payment vouchers.		payment vouchers	vouchers are unsubstantiated (2,274 Project Based Section 8 Contracts submitted unsubstantiated payment vouchers)/(22,020 active Project Based Section 8 Contracts submitted vouchers for paym
2004	Goal 6: Embrace High Standards of Ethics, Management and Accountability. Objective 6.1: Improve HUD's Management and Internal Controls, including FHA's Financial Management and resolve Audit Issues.	Increase percentage of project based Section 8 Contracts subject to review. Goal is to increase % of contracts subject to review by 25% over baseline i.e., achieve a 61% level.	48% of contracts subject to review (FY2002)	% of Section 8 portfolio contract subject to 100%	As of 9/30/04, 61.8% of contracts subject to pre-payment review.

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 B: Promote Decent Affordable Housing	Customer Results	Service Coverage	Frequency and Depth	% of problem calls received from Business Partners (Industry) that are satisfactorily resolved within a 24 hour period. This gauges direct level of service to TRACS Industry and indirect level of service to the 1.2M subsidized homes served by TRACS.	90% of Tier 1 customer calls resolved within a 24 hour period.	93% of Tier 1 calls resolved within a 24 hour period.	Results as of 9/30/05: Approximately 94.1% of all Tier 1 calls were resolved within 24 hour period.
2005	Goal B: Promote Decent Affordable Housing	Mission and Business Results	Financial Management	Accounting	% of Unsubstantiated Payments	$1,564,503,000 of unsubstantiated payments were distributed in	Decrease unsubstantiated payments by 50% over FY 2003 level	Results as of 9/30/05 - Based on September 2005 voucher submissions:

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
						FY 2002 (24.3% of total vouchers classified as unsubstantiated vouchers)	(approx. $782,000,000)	9.5% of payment vouchers are unsubstantiated (1,822 Contracts submitted unsubstantiated payment vouchers)/(19,212 active Sec 8 Contracts submitted vouchers for pymts thru TRACS).
2005	Goal B: Promote Decent Affordable Housing	Processes and Activities	Quality	Complaints	% of Accurate Payments	85% of total assistance payments were processed accurately (according to tenant's needs and qualifications) in FY 2003	92% of total assistance payments are accurate	Results as of 9/30/05: Based on most recent studies conducted by Office of PD&R/RHIIP Staff, approximately 90.6 % of total assistance payments are processed accurately (reflects both overpayments and underpayments identified).
2005	Goal B: Promote Decent Affordable Housing	Technology	Information and Data	Data Reliability and Quality	% of Data Reliability and Quality	93% of housing projects reported accurate tenant data electronically through TRACS in FY 2003	96% of housing projects report accurate tenant data through TRACS	Results as of 9/30/05, 96.9 % of Section 8 projects are reporting tenant data through TRACS.
2006	Goal B: Promote Decent Affordable Housing	Customer Results	Service Coverage	Frequency and Depth	% of problem calls received from Business Partners (Industry) that are satisfactorily resolved within a 24 hour period. This gauges direct level of service to TRACS Industry and indirect level of service to the 1.2M subsidized homes served by TRACS.	90% of Tier 1 customer calls resolved within a 24 Hour period.	96% of Tier 1 customer calls resolved within a 24 Hour period	TBD (Reporting Period ends 9/30/06)
2006	Goal B: Promote Decent Affordable	Mission and Business Results	Financial Management	Accounting	% of Unsubstantiated Payments	$1,564,503,000 of unsubstantiated payments were	Decrease unsubstantiated payments by 25% over FY	TBD (Reporting Period ends 9/30/06)

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
	Housing					distributed in FY 2002 (24.3 % of total vouchers classified as unsubstantiated vouchers)	2005 level	
2006	Goal B: Promote Decent Affordable Housing	Processes and Activities	Quality	Complaints	% of Accurate Payments	85% of total assistance payments were processed accurately (according to tenant's needs and qualifications) in FY2003	95% of total assistance payments are accurate	TBD (Reporting Period ends 9/30/06)
2006	Goal B: Promote Decent Affordable Housing	Technology	Information and Data	Data Reliability and Quality	% of Data Reliability and Quality	93% of housing projects reported accurate tenant data electronically through TRACS in FY 2003	98% of housing projects report accurate tenant data through TRACS	TBD (Reporting Period ends 9/30/06)
2007	Goal B: Promote Decent Affordable Housing	Customer Results	Service Coverage	Frequency and Depth	% of problem calls received from Business Partners (Industry) that are satisfactorily resolved within a 24 hour period. This gauges direct level of service to TRACS Industry and indirect level of service to the 1.2M subsidized homes served by TRACS.	90% of Tier 1 customer calls resolved within a 24 Hour period.	98% of Tier 1 customer calls resolved within a 24 Hour period.	TBD
2007	Goal B: Promote Decent Affordable Housing	Mission and Business Results	Financial Management	Accounting	% of Unsubstantiated Payments	$1,564,503,000 of unsubstantiated payments were distributed in FY 2002 (24.3% of total vouchers classified as unsubstantiated vouchers).	Decrease unsubstantiated payments by 25% over FY 2006 level.	TBD
2007	Goal B: Promote Decent Affordable Housing	Processes and Activities	Quality	Complaints	% of Accurate Payments	85% of total assistance payments were processed accurately (according to	96% of total assistance payments are accurate	TBD

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
						tenant's needs and qualifications) in FY2003		
2007	Goal B: Promote Decent Affordable Housing	Technology	Information and Data	Data Reliability and Quality	% of Data Reliability and Quality	93% of housing projects reported accurate tenant data electronically through TRACS in FY 2003	99% of housing projects report accurate tenant data through TRACS	TBD
2008	Goal B: Promote Decent Affordable Housing	Customer Results	Service Coverage	Frequency and Depth	% of problem calls received from Business Partners (Industry) that are satisfactorily resolved within a 24 hour period. This gauges direct level of service to TRACS Industry and indirect level of service to the 1.2M subsidized homes served by TRACS.	90% of Tier 1 customer calls resolved within a 24 Hour period.	98.5% of Tier 1 customer calls resolved within a 24 Hour period.	TBD
2008	Goal B: Promote Decent Affordable Housing	Mission and Business Results	Financial Management	Accounting	% of Unsubstantiated Payments	$1,564,503,000 of unsubstantiated payments were distributed in FY 2002 (24.3 % of total vouchers classified as unsubstantiated vouchers)	Decrease unsubstantiated payments by 25% over FY 2007 level	TBD
2008	Goal B: Promote Decent Affordable Housing	Processes and Activities	Quality	Complaints	% of Accurate Payments	85% of total assistance payments were processed accurately (according to tenant's needs and qualifications) in FY2003.	97% of total assistance payments are accurate.	TBD
2008	Goal B: Promote Decent Affordable Housing	Technology	Information and Data	Data Reliability and Quality	% of Data Reliability and Quality	93% of housing projects reported accurate tenant data electronically through TRACS in FY 2003.	99.5% of housing projects report accurate tenant data through TRACS/RHA.	TBD

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.

I.E: 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	4.000000
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
Tenant Rental Assistance Certification System	Contractor and Government	12/31/2007	11/30/2007

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
TRACS - F87	Contractor and Government	Moderate	Yes	7/5/2005	FIPS 200 / NIST 800-53	5/10/2006	12/7/2006

Security: Weaknesses & 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?	Yes

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

OIG TRACS Audit 2004-DP-2002 found that adequate TRACS security training has not been provided and

recommended that TRACS system owner ensure that adequate resources are available for implementation of mandatory and periodic security training for all individuals, including but not limited to system owner, information systems security officer and HUD employee and TRACS contractor support staff involved in the management, use or operation of TRACS.

In addition, FISMA, OMB Policy and NIST guidance require regular security training for users of government IT systems and applications.

There is a limited amount of funding allocated for Fiscal Year 2006/2007 for TRACS application training that will include limited security training. Therefore, we request an increase in IT funding specifically earmarked for TRACS security training. The increased funding will be used to provide mandatory, periodic training for all TRACS users. We request an increase of approximately $50,000 per budget year for budget years 2007 and 2008.

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

All TRACS contractors are in compliance with policies set forth in the HUD 2400.24 Information Security Program Handbook. TRACS contractors are required to comply with all of HUD's IT Security Policies which implement FISMA, A-130, A-11, NIST 800 series, and other federal security requirements. The TRACS contractor staff is required to pass an extensive background check prior to approval of user IDs and passwords. HUD monitors, verifies and validates TRACS contractor security procedures thoroughly. CA-Top Secret, an operating system level security package that protects system data and other resources from access outside the TRACS application is utilized. Access to the TRACS system is controlled through profiles, maintained by the security module, for each authorized user. The profiles relate to job functions and restrict access to only needed procedures and associated data. User identification and authentication are accomplished through TRACS user IDs and passwords. TRACS contract staff is required to sign non-disclosure forms and provide monthly status meetings. In addition, TRACS contract operations are monitored through bi-weekly status meetings based on results of automated scans and system audit log reviews.

Privacy: 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?
F87 - TRACS	No	Yes.	Yes.	Yes	No, because the existing Privacy Act system of records was not substantially revised in FY 06.

I.F: 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.   TRACS as a part of the Rental Housing Assistance (RHA) initiative.

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
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	7
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 policies.	Back Office Services	Financial Management	Internal Controls			No Reuse	7
Payment / Settlement	Defines the set of capabilities that support the process of accounts payable.	Back Office Services	Financial Management	Payment / Settlement	Payment / Settlement	025-00-01-00-01-1010-00-402-126	Internal	5
Ad Hoc	Support the use of dynamic reports on an as needed basis.	Business Analytical Services	Reporting	Ad Hoc			No Reuse	10
Standardized / Canned	Support the use of pre-conceived or pre-written reports.	Business Analytical Services	Reporting	Standardized / Canned			No Reuse	2
Program/Project Management	Defines the set of capabilities for the management and control of a particular effort of an organization.	Business Management Services	Management of Processes	Program / Project Management			No Reuse	7
Risk Management	Defines the set of capabilities that support the identification and probabilities or chances of hazards as they relate to a task, decision or long-term goal.	Business Management Services	Management of Processes	Risk Management			No Reuse	7

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
Partner Relationship Management (PRM)	Collaboration between an organization and its business partners and other parties.	Customer Services	Customer Relationship Management	Partner Relationship Management	Partner Relationship Management	025-00-01-02-03-1010-00-101-002	Internal	10
Surveys	Defines the set of capabilities that are used to collect useful information from an organization's customers.	Customer Services	Customer Relationship Management	Surveys			No Reuse	7
Document Review and Approval	Support of editing and commendation of documents before release.	Digital Asset Services	Document Management	Document Review and Approval			No Reuse	20
Library / Storage	Support document and data warehousing and archiving.	Digital Asset Services	Document Management	Library / Storage			No Reuse	7
Computer/Telephony Integration	Defines the set of capabilities that support the connectivity between server HW, SW, and telecommunications equipment into a single logical networked system. This process in turn, supports the transmission of data, messages, and information in mutiple formats and protocols over the network.	Support Services	Communication	Computer / Telephony Integration			No Reuse	7

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)
Internal Controls	Component Framework	Business Logic	Platform Dependent	COBOL, ADVANTAGE:GEN 6.0, Cold Fusion Studio v. 5.0,
Payment / Settlement	Component Framework	Business Logic	Platform Dependent	DB2,ExtraWIN v.4.3a,Endevor,PVCS (Merant Version Manager 8.0)NOMAD,COBOL, ADVANTAGE:GEN 6.0, Sybase 12.5, Sybase pre-compiler for Advantage:Gen. SSH Secure Client Shell, Cold Fusion Studio v. 5.0, Actuate developer's toolkit 7.0, SQL Advantage, VISIO
Billing and Accounting	Component Framework	Business Logic	Platform Dependent	DB2,ExtraWIN v.4.3a,Endevor,PVCS (Merant Version Manager 8.0)NOMAD,COBOL, ADVANTAGE:GEN 6.0, Sybase 12.5, Sybase pre-compiler for Advantage:Gen. SSH Secure Client Shell, Cold Fusion Studio v. 5.0, Actuate developer's toolkit 7.0, SQL Advantage, VISIO
Program / Project Management	Component Framework	Business Logic	Platform Dependent	DMM, MS Project, MS-Office Suite, eCPIC
Risk Management	Component Framework	Business Logic	Platform Dependent	DMM, MS Project, MS-Office Suite, eCPIC
Ad Hoc	Component Framework	Data Management	Reporting and Analysis	NOMAD, COBOL, Sybase 12.5, SQL Advantage
Standardized / Canned	Component Framework	Presentation / Interface	Static Display	Web Browser, NOMAD, COBOL, Sybase 12.5, SQL Advantage
Surveys	Service Access and Delivery	Access Channels	Collaboration / Communications	TRACS Mail
Computer / Telephony Integration	Service Access and Delivery	Access Channels	Collaboration / Communications	TRACS Mail â€" hosted by Sprint
Surveys	Service Access and Delivery	Delivery Channels	Internet	Web Browser
Partner Relationship Management	Service Access and Delivery	Delivery Channels	Internet	Web Browser, TRACS Mail
License Management	Service Interface and Integration	Integration	Middleware	DB2,ExtraWIN v.4.3a,Endevor,PVCS (Merant Version Manager 8.0)NOMAD,COBOL, ADVANTAGE:GEN 6.0, Sybase 12.5, Sybase pre-compiler for Advantage:Gen. SSH Secure Client Shell, Cold Fusion Studio v. 5.0, Actuate developer's toolkit 7.0, SQL Advantage, VISIO
Library / Storage	Service Platform and Infrastructure	Database / Storage	Database	IBM Mainframe, DB2, Sybase 12.5
Document Review and Approval	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	DMM, PVCS (Merant Version Manager 8.0), Endevor, Sybase 12.5

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)?	Yes
If "yes," please describe how the application will leverage existing components and/or applications across the Government.	
TRACS leverages US Treasury payment systems to disburse housing subsidy payments. Also, TRACS will interface with HHS Electronic Income Verification (EIV) system starting September 2006, to ensure tenants qualify for housing subsidy payments.	
Does this investment provide the public with access to a government automated information system?	Yes
If "yes," does customer access require specific software (e.g., a specific web browser version)?	Yes
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).	Currently the Public has access to TRACS in order to submit Subsidy Vouchers and Certifications. This is possible through TRACSMail (software is iPlanet Messaging Server). The Public also queries their data from TRACS using the Multi-Family Secure System (version 2.0.2.B.9). The Public is given a secure user-id and password from Multi-Family Housing to receive timely Voucher and Certification information. In addition, all business partners currently have equitable access to these functionalities

FEA Primary Mapping BY08

FEA Primary Mapping	
Reference Model:	BRM
Business Area:	Services For Citizens
Line of Business:	Income Security
Sub Function:	Housing Assistance
Mapping Code:	112038

II.A: ALTERNATIVES ANALYSIS BY08

Analysis Background BY08

Part II should be completed only for investments identified as "Planning" or "Full Acquisition," or "Mixed Life-Cycle" investments in response to Question 6 in Part I, Section A above.	
In selecting the best capital asset, you should identify and consider at least three viable alternatives, in addition to the current baseline, i.e., the status quo. Use OMB Circular A-94 for all investments, and the Clinger Cohen Act of 1996 for IT investments, to determine the criteria you should use in your Benefit/Cost Analysis.	
Did you conduct an alternatives analysis for this project?	Yes
If "yes," what is the date of the analysis?	8/23/2006
If "no," what is the anticipated date this analysis will be completed?	
If no analysis is planned, please briefly explain why:	

Alternatives Table BY08

Use the results of your alternatives analysis to complete the following table:

Alternatives Analysis Results

Send to OMB	Alternative Analyzed	Description of Alternative	Risk Adjusted Lifecycle Costs estimate	Risk Adjusted Lifecycle Benefits estimate
True	Alternative 1 - Status Quo - Maintain TRACS in its current aging, legacy state.	Alternative 1 - This baseline scenario will simply maintain and support TRACS operations over the coming years in order to continue its	26534	0

Send to OMB	Alternative Analyzed	Description of Alternative	Risk Adjusted Lifecycle Costs estimate	Risk Adjusted Lifecycle Benefits estimate
		current rental assistance business functions. Corrective and adaptive maintenance will be provided for TRACS Business Areas and operations within the current batch transaction processing/mainframe environment. No new development will take place, but current TRACS functionalities will be maintained, when possible. Minor system enhancements may be implemented.		
True	Alternative 2 - Complete re-engineering of the TRACS system. Migration from mainframe environment to a new enterprise architecture.	Alternative 2 - Complete re-design of the TRACS system using state-of-the-art technology and providing a comprehensive eGovernment solution for the organization. The biggest challenge will be data and platform conversion from the current system to the re-engineered system. Benefits achieved with this solution will be very similar to alternative 3, however the implementation timeline is estimated to be four to five years.	36059	141459
True	Alternative 3 - Hybrid Solution - re-engineering portions of TRACS to provide an integrated, comprehensive eGovernment solution that will keep TRACS on pace with Program goals, Housing Industry needs, and legislative requirements.	Alternative 3 - TRACS will migrate away from the mainframe platform, becoming an EA-compatible system that meets all the standards for HUD's Vision 2010. TRACS will be fully maintained, and major enhancements will be developed in the new architecture based on eGov principles to satisfy MFH and Departmental objectives, improve internal controls, and respond to the changing needs of MFH business partners in the Industry. TRACS Business Areas will be integrated with HUD's IT Master Schedule for EA.	33859	152190
True	Alternative 4 - Complete Outsourcing of TRACS.	Alternative 4 - Outsourcing option will give TRACS operations, maintenance, and new development / enhancements to a third party. Maintenance of sensitive data within TRACS, infrastructure needs of HUD / TRACS, and the criticality of Operations support of TRACS, all create significant additional risks connected with this alternative.	96028	179564

Selected Alternative BY08

Which alternative was selected by the Initiative Governance process and why was it chosen?
Alternative 3 Hybrid Solution - re-engineering parts of TRACS to make it a comprehensive eGovernment solution is the most cost effective alternative with an ROI of 872% and a total incremental Net Present Value of $146M. The hybrid solution alternative lies in migrating the existing TRACS business applications/modules to another platform. This will be an application rewrite, therefore application functionalities will change. The existing TRACS business applications/modules will be ported to another operating environment while improving business functionality and security, including user look and feel of the applications/modules. In doing so, HUD provides the correct computational platform for the future, enabling TRACS to migrate away from the current mainframe environment.

The Hybrid Solution will keep TRACS on target with program goals, MFH industry needs, and meeting legislative mandates. This alternative will allow TRACS to fully migrate away from the mainframe platform, becoming an Enterprise Architecture system that meets all the standards for HUD's Vision 2010. This will force Housing to divide its resources so that the mainframe, as well as Windows and UNIX environments can be maintained. Actively migrating away from the mainframe platform will permit Housing to more effectively manage its IT resources, improve application/module security, and provide a higher level of customer service. In addition, the migration strategy of using Service Oriented Architecture (SOA) will provide a large reduction in Software licensing fees. TRACS will be fully maintained, and major enhancements will be developed in the new architecture based on eGovernment in order to satisfy MFH and Departmental objectives, improve internal controls, and respond to the changing needs of MFH business partners in the Industry. For the purpose of this analysis, HUD Business and Industry Partners are considered Stakeholders. We estimate savings of over $59M to the

industry partners over the lifecycle. Stakeholder Benefits are based on a conservative estimate of third party vendor fees of $900 per year, per site, multiplied by 20,000 sites. MFH estimates that actual costs for these fees currently average over $1000 per year, per site. In addition, MFH estimates that over the course of the lifecycle improper subsidy payments will be reduced by over $110M.

What specific qualitative benefits will be realized?

Alternative 3 Hybrid Solution - re-engineering parts of TRACS to make TRACS a comprehensive eGovernment solution will enhance the five primary TRACS Business Areas: TRACSMail, Contracts, Tenant Certifications, Voucher/Payments, and ARAMS/Funding. TRACS will operate in a new enterprise architecture environment. This solution will leverage and compliment other HUD enterprise systems, including the EIV System, iREMS, and Housing Integrated Database (HEREMS).

Alternative 3 (Hybrid Solution) will also provide the following benefits:

Â· Electronically process and validate 100% of certifications.

Â· Eliminate the manual effort involved in voucher review.

Â· Provide for electronic submission and validation of nearly 100% of vouchers.

Â· Provide full, comprehensive cross validation of voucher, tenant and contract information.

Â· Automatically calculate and authorize subsidy payments based on pre-validation of tenant data, and reduce improper payments.

Â· Eliminate manual voucher submissions and labor-intensive data collection by field staff, which is aligned with the eGov initiative of the President's Management Agenda (PMA).

Â· Streamline MFH staff functions and eliminate 80% of MFH paper procedures via state-of-the-art technology.

Â· Provide staff with timely and comprehensive information through the use of a national database.

Â· Become an Enterprise Architecture system that meets all the standards for HUD's IT Modernization Vision 2010.

All of the above will drastically reduce erroneous payments and virtually eliminate unsubstantiated payments in alignment with the PMA and Departmental goals and objectives, as reflected in the performance measures for this initiative.

II.B: RISK MANAGEMENT BY08

Risk Management Plan BY08

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

Does the investment have a Risk Management Plan?	Yes
What is the date of the risk management plan?	9/16/2005
Has the Risk Management Plan been significantly changed since last year's submission to OMB?	No
If "yes," describe any significant changes to the Risk Management Plan:	
If there currently is no risk plan, will a plan be developed?	
If "yes," what is the planned completion date of the risk plan?	
If "no," what is the strategy for managing the risks?	

Investment Risks BY08

Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule:

The TRACS project risks are documented in the project's Risk Assessment Plan. Within the TRACS Risk Assessment Plan, an analysis of TRACS security threats and vulnerabilities have been assessed. Impact of risks to TRACS, the likelihood of risk occurrence within TRACS, a risk level calculation of TRACS, and a risk level matrix have also been evaluated. In addition, the TRACS risk assessment results include a risk summary, applicability of TRACS minimum-security baseline, and additional TRACS security controls that are required in order to mitigate risks for a streamlined, risk-free TRACS system. The TRACS Project Work Plan takes into account the risk impact, probability, cost of the mitigation strategy and potential cost if the risk were to occur when estimating the budget for each phase in the development cycle. If a risk mitigation strategy impacts the project schedule, the project release schedule is updated and the impact to future development activities is analyzed and adjusted if necessary on the TRACS Project Work Plan.

II.C: COST AND SCHEDULE PERFORMANCE BY08

Earned Value BY08

Does the earned value management system meet the criteria in ANSI/EIA Standard - 748?	Yes

Answer the following questions about current cumulative cost and schedule performance. The numbers reported below should reflect current actual information. (Per OMB requirements Cost/Schedule Performance information should include both Government and Contractor Costs):

What is the Planned Value (PV)?	19.984000
What is the Earned Value (EV)?	19.753000
What is the actual cost of work performed (AC)?	19.019000
What costs are included in the reported Cost/Schedule Performance	Contractor Only

information (Government Only/Contractor Only/Both)?

EVMS "As of" date:	6/30/2006
What is the calculated Schedule Performance Index (SPI = EV/PV)?	0.988000
What is the schedule variance (SV = EV-PV)?	-0.023100
What is the calculated Cost Performance Index (CPI = EV/AC)?	1.039000
What is the cost variance (CV = EV-AC)?	0.734000

EVM is required only on DME portions of investments. For mixed lifecycle investments, O&M milestones should still be included in the table (Comparison of Initial Baseline and Current Approved Baseline). This table should accurately reflect the milestones in the initial baseline, as well as milestones in the current baseline.

Cost/Schedule Variance BY08

Is the CV% or SV% greater than 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100)	No
If "yes," was it the CV or SV or both?	
If "yes," explain the variance:	
If "yes," what corrective actions are being taken?	
What is the most current "Estimate at Completion"?	32.563000

Performance Baseline BY08

Have any significant changes been made to the baseline during the past fiscal year?	No

Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., "03/23/2003"/ "04/28/2004") and the baseline and actual total costs (in $ Millions). In the event that a milestone is not found in both the initial and current baseline, leave the associated cells blank. Note that the 'Description of Milestone' and 'Percent Complete' fields are required. Indicate 0 for any milestone no longer active.

If "yes," when was it approved by OMB?	

Comparison of Initial Baseline and Current Approved Baseline

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date	Total Cost (Estimated)	Completion Date		Total Cost		Schedule (# days)	Cost	
				Planned	Actual	Planned	Actual			
1	HSG 251780 TRACS	08/27/2007	$21.814	08/27/2007	04/22/2005	$21.814	$15.645	856	$6.169	67.84%
1.1	FY2002 Tasks	08/15/2002	$5.182	08/15/2002	12/20/2002	$5.182	$4.916	-127	$0.266	100.00%
1.1.1	FY2002 Development Tasks	08/15/2002	$2.476	08/15/2002	12/20/2002	$2.476	$2.337	-127	$0.139	100.00%
1.1.2	FY2002 Maintenance Tasks - Systems Operation and Corrective Maintenance	06/19/2002	$2.706	06/19/2002	09/30/2002	$2.706	$2.579	-103	$0.127	100.00%
1.2	FY2003 Tasks	02/24/2005	$4.046	02/24/2005	03/01/2004	$4.046	$4.697	360	($0.651)	97.43%
1.2.1	FY2003 Development Tasks	02/24/2005	$1.945	02/24/2005	03/01/2004	$1.945	$1.777	360	$0.168	94.65%
1.2.1.1	Tenant Reporting Optimum Compliance	02/23/2004	$0.739	02/23/2004	03/01/2004	$0.739	$0.739	-7	$0.000	100.00%
1.2.1.1.1	Tenant Reporting Optimum Compliance Phase I	10/06/2003	$0.180	10/06/2003	11/06/2003	$0.180	$0.180	-31	$0.000	100.00%
1.2.1.1.1.	B. Requirements Definition	07/26/2003	$0.032	07/26/2003	08/08/2003	$0.032	$0.032	-13	$0.000	100.00%
1.2.1.1.1.	C. System Design	08/07/2003	$0.036	08/07/2003	07/01/2003	$0.036	$0.036	37	$0.000	100.00%
1.2.1.1.1.	D. Software Acquisition	06/23/2003	$0.000	06/23/2003	06/23/2003	$0.000	$0.000	0	$0.000	100.00%
1.2.1.1.1.	E. Hardware/Infrastructure Acquisition	06/23/2003	$0.000	06/23/2003	06/23/2003	$0.000	$0.000	0	$0.000	100.00%
1.2.1.1.1.	F. New Development/Perfective Maintenance	08/26/2003	$0.061	08/26/2003	09/16/2003	$0.061	$0.061	-21	$0.000	100.00%
1.2.1.1.1.	G. Systems Integration & Testing	10/03/2003	$0.047	10/03/2003	11/03/2003	$0.047	$0.047	-31	$0.000	100.00%
1.2.1.1.1.	H. Installation & Deployment	10/06/2003	$0.004	10/06/2003	11/06/2003	$0.004	$0.004	-31	$0.000	100.00%

1.2.1.1.2	Tenant Reporting Optimum Compliance Phase II	02/23/2004	$0.559	02/23/2004	03/01/2004	$0.559	$0.559	-7	$0.000	100.00%
1.2.1.1.2.	B. Requirements Definition	07/23/2003	$0.101	07/23/2003	08/05/2003	$0.101	$0.100	-13	$0.001	100.00%
1.2.1.1.2.	C. System Design	10/18/2003	$0.112	10/18/2003	11/04/2003	$0.112	$0.111	-17	$0.001	100.00%
1.2.1.1.2.	D. Software Acquisition	06/23/2003	$0.000	06/23/2003	06/23/2003	$0.000	$0.000	0	$0.000	100.00%
1.2.1.1.2.	E. Hardware/Infrastructure Acquisition	06/23/2003	$0.000	06/23/2003	06/23/2003	$0.000	$0.000	0	$0.000	100.00%
1.2.1.1.2.	F. New Development/Perfective Maintenance - Develop Database, Develop Programs (coding/testing), Test Plan (Unit, Integration, and UAT), Update Manuals and Documentation	12/02/2003	$0.190	12/02/2003	12/19/2003	$0.190	$0.192	-17	($0.002)	100.00%
1.2.1.1.2.	G. System Integration & Testing - Perform System Test/Regression Test, User Acceptance Test, Test Results and Evaluation Results, Update System Decision Paper	02/01/2004	$0.145	02/01/2004	02/29/2004	$0.145	$0.145	-28	$0.000	100.00%
1.2.1.1.2.	H. Installation & Deployment - Create Operational Test Plan for Test Center (HARTS), Build Web HARTS and Mainframe HARTS release Request Package, Test Center/Production Review Support, Release Follow Up	02/23/2004	$0.011	02/23/2004	03/01/2004	$0.011	$0.011	-7	$0.000	100.00%
1.2.1.2	Conversion of MFH Section 8 Contracts	08/26/2003	$0.139	08/26/2003	09/02/2003	$0.139	$0.111	-7	$0.028	100.00%
1.2.1.2.1	B. Requirements Definition	06/28/2003	$0.025	06/28/2003	07/01/2003	$0.025	$0.020	-3	$0.005	100.00%
1.2.1.2.2	C. System Design	07/16/2003	$0.028	07/16/2003	07/23/2003	$0.028	$0.022	-7	$0.006	100.00%
1.2.1.2.3	D. Software Acquisition	06/23/2003	$0.000	06/23/2003	06/23/2003	$0.000	$0.000	0	$0.000	100.00%
1.2.1.2.4	E. Hardware/Infrastructure Acquisition	06/23/2003	$0.000	06/23/2003	06/23/2003	$0.000	$0.000	0	$0.000	100.00%
1.2.1.2.5	F. New Development/Perfective Maintenance	07/27/2003	$0.047	07/27/2003	08/01/2003	$0.047	$0.037	-5	$0.010	100.00%
1.2.1.2.6	G. Systems Integration & Testing	08/17/2003	$0.036	08/17/2003	08/28/2003	$0.036	$0.029	-11	$0.007	100.00%
1.2.1.2.7	H. Installation & Deployment	08/26/2003	$0.003	08/26/2003	09/02/2003	$0.003	$0.003	-7	$0.000	100.00%
1.2.1.3	Improve Procedures for Obligation Review and Recapture	02/22/2004	$0.963	02/22/2004	02/27/2004	$0.963	$0.927	-5	$0.036	100.00%
1.2.1.3.1	Phase I - ARAMS 4.2	11/09/2003	$0.309	11/09/2003	11/14/2003	$0.309	$0.309	-5	$0.000	100.00%
1.2.1.3.1.	B. Requirements Definition	07/05/2003	$0.056	07/05/2003	07/10/2003	$0.056	$0.055	-5	$0.001	100.00%
1.2.1.3.1.	C. System Design	07/25/2003	$0.062	07/25/2003	08/01/2003	$0.062	$0.061	-7	$0.001	100.00%
1.2.1.3.1.	D. Software Acquisition	06/23/2003	$0.000	06/23/2003	06/23/2003	$0.000	$0.000	0	$0.000	100.00%
1.2.1.3.1.	E. Hardware/Infrastructure Acquisition	06/23/2003	$0.000	06/23/2003	06/23/2003	$0.000	$0.000	0	$0.000	100.00%
1.2.1.3.1.	F. New Development/Perfective Maintenance	09/13/2003	$0.105	09/13/2003	09/30/2003	$0.105	$0.107	-17	($0.002)	100.00%
1.2.1.3.1.	G. Systems Integration & Testing	10/31/2003	$0.080	10/31/2003	11/13/2003	$0.080	$0.083	-13	($0.003)	100.00%
1.2.1.3.1.	H. Installation & Deployment	11/09/2003	$0.006	11/09/2003	11/14/2003	$0.006	$0.003	-5	$0.003	100.00%
	Phase II - ARAMS 4.3	02/22/2004	$0.358	02/22/2004	02/27/2004	$0.358	$0.313	-5	$0.045	100.00%

1.2.1.3.2										
1.2.1.3.2.	B. Requirements Definition	09/29/2003	$0.064	09/29/2003	10/06/2003	$0.064	$0.062	-7	$0.002	100.00%
1.2.1.3.2.	C. System Design	10/31/2003	$0.072	10/31/2003	11/11/2003	$0.072	$0.070	-11	$0.002	100.00%
1.2.1.3.2.	D. Software Acquisition	10/22/2003	$0.000	10/22/2003	10/22/2003	$0.000	$0.000	0	$0.000	100.00%
1.2.1.3.2.	E. Hardware/Infrastructure Acquisition	10/22/2003	$0.000	10/22/2003	10/22/2003	$0.000	$0.000	0	$0.000	100.00%
1.2.1.3.2.	F. New Development/Perfective Maintenance - Develop Database, Develop Programs (Coding/Testing), Test Plan (Unit, Integration, and UAT), Update Manuals and Documentation	12/10/2003	$0.122	12/10/2003	12/23/2003	$0.122	$0.125	-13	($0.003)	100.00%
1.2.1.3.2.	G. Systems Integration & Testing - Perform System Test/Regression Test, User Acceptance Test, Test Results and Evaluation Reports, Update System Decision Paper	02/07/2004	$0.093	02/07/2004	02/26/2004	$0.093	$0.056	-19	$0.037	100.00%
1.2.1.3.2.	H. Installation & Deployment - Create Operational Test Plan for Test Center (HARTS), Build Web HARTS release Request Package, Test Center/Production Review Support, Release Follow Up	02/22/2004	$0.007	02/22/2004	02/27/2004	$0.007	$0.000	-5	$0.007	100.00%
1.2.1.3.3	Project Management - Initiation & Planning, Perform Comfiguration Mgmt; Prepare for/Conduct/Report Integrated Team Meetings; Prepare Weekly Status Reports, Prepare for Performance Reporting; and Training Support	12/18/2003	$0.296	12/18/2003	02/27/2004	$0.296	$0.305	-71	($0.009)	100.00%
1.2.1.4	Transition of System Support - Initiation & Planning, Prepare for/Conduct Functional and DatabaseWalk-Throughs; Provide Location of software, procedures, and documentation; provide interfaces/plans/reports/SDM Documents	02/24/2005	$0.104	02/24/2005		$0.104	$0.000		$0.104	0%
1.2.2	FY2003 Maintenance Tasks	06/17/2003	$2.101	06/17/2003	09/30/2003	$2.101	$2.920	-105	($0.819)	100.00%
1.2.2.1	I. System Operations	06/17/2003	$0.600	06/17/2003	09/30/2003	$0.600	$0.575	-105	$0.025	100.00%
1.2.2.2	J. Corrective & Adaptive Maintenance	06/17/2003	$1.501	06/17/2003	09/30/2003	$1.501	$2.345	-105	($0.844)	100.00%
1.3	FY2004 Tasks	12/16/2005	$4.950	12/16/2005	04/22/2005	$4.950	$3.943	237	$1.007	87.23%
1.3.1	FY2004 Development Tasks	12/16/2005	$1.497	12/16/2005	04/22/2005	$1.497	$0.758	237	$0.739	57.78%
1.3.1.1	Award Business Process Re-engineering Contract	11/30/2004	$0.000	11/30/2004	09/30/2004	$0.000	$0.000	61	$0.000	0%
1.3.1.1.1	A. Project Intitiation and Planning - Perform Project Tracking and Control	11/30/2004	$0.000	11/30/2004	09/30/2004	$0.000	$0.000	61	$0.000	100.00%
1.3.1.2	BPR (Business Process Re-engineering)	12/16/2005	$1.497	12/16/2005	04/22/2005	$1.497	$0.758	237	$0.739	57.78%
1.3.1.2.1	A. Project Mobilization - Secure Executive Support, Introduce BPR, establish BPI Team, Review Organizaiton Guiding Principles, Establish BPR Project Framework, and Conduct Preliminary Analysis	01/14/2005	$0.252	01/14/2005	01/31/2005	$0.252	$0.394	-17	($0.142)	100.00%
1.3.1.2.2	B. Business Diagnosis - Document	06/14/2005	$0.520	06/14/2005		$0.520	$0.228		$0.292	55.00%

WBS	Task Name									
1.3.1.2.3	C. Process Direction - Determine Ideal "TO-BE" Processes and determine how to transition from the "AS-IS" to the "TO-BE"	08/13/2005	$0.327	08/13/2005	04/22/2005	$0.327	$0.136	112	$0.191	100.00%
1.3.1.2.4	D. Recommended eGov Solution (eRAB) - - Develop Implementable Solutions, Rationale for Solution, and Demonstrate Solution & Transfer Knowledge	12/16/2005	$0.398	12/16/2005		$0.398	$0.000		$0.398	0%
1.3.2	FY2004 Maintenance Tasks	11/11/2004	$3.453	11/11/2004	11/30/2004	$3.453	$3.185	-19	$0.268	100.00%
1.3.2.1	1st Quarter Maintenance	12/04/2003	$0.308	12/04/2003	12/31/2003	$0.308	$0.306	-27	$0.002	100.00%
1.3.2.1.1	I. Systems Operation - Perform Project Tracking and Control, Provide Help Desk and Customer Service, and Prepare and Provide Training	12/04/2003	$0.163	12/04/2003	12/31/2003	$0.163	$0.163	-27	$0.000	100.00%
1.3.2.1.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects & Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Doc Control, and Release Software	12/04/2003	$0.145	12/04/2003	12/31/2003	$0.145	$0.143	-27	$0.002	100.00%
1.3.2.2	2nd Quarter Maintenance	03/04/2004	$0.575	03/04/2004	03/31/2004	$0.575	$0.575	-27	$0.000	100.00%
1.3.2.2.1	I. Systems Operation - Perform Project Tracking and Control, Provide Help Desk and Customer Service, and Prepare and Provide Training	03/04/2004	$0.165	03/04/2004	03/31/2004	$0.165	$0.165	-27	$0.000	100.00%
1.3.2.2.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects & Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Doc Control, and Release Software	03/04/2004	$0.410	03/04/2004	03/31/2004	$0.410	$0.410	-27	$0.000	100.00%
1.3.2.3	3rd Quarter Maintenance	06/03/2004	$1.021	06/03/2004	06/30/2004	$1.021	$0.854	-27	$0.167	100.00%
1.3.2.3.1	I. Systems Operation - Perform Project Tracking and Control, Provide Help Desk and Customer Service, and Prepare and Provide Training	06/03/2004	$0.165	06/03/2004	06/30/2004	$0.165	$0.165	-27	$0.000	100.00%
1.3.2.3.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects & Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Doc Control, and Release Software	06/03/2004	$0.856	06/03/2004	06/30/2004	$0.856	$0.689	-27	$0.167	100.00%
1.3.2.4	4th Quarter Maintenance	09/03/2004	$1.001	09/03/2004	09/30/2004	$1.001	$0.874	-27	$0.127	100.00%
1.3.2.4.1	I. Systems Operation - Perform Project Tracking and Control, Provide Help Desk and Customer Service, and Prepare and Provide Training	09/03/2004	$0.165	09/03/2004	09/30/2004	$0.165	$0.165	-27	$0.000	100.00%
1.3.2.4.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects & Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Doc Control,	09/03/2004	$0.836	09/03/2004	09/30/2004	$0.836	$0.709	-27	$0.127	100.00%

	and Release Software									
1.3.2.5	1st Quarter 05 Maintenance	11/11/2004	$0.548	11/11/2004	11/30/2004	$0.548	$0.576	-19	($0.028)	100.00%
1.3.2.5.1	I. Systems Operation - Perform Project Tracking & Control, Provide Help Desk and Customer Service, and Prepare and Provide Training	11/11/2004	$0.110	11/11/2004	11/30/2004	$0.110	$0.110	-19	$0.000	100.00%
1.3.2.5.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control; Categorize Defects & Errors; Update System Documentation; Develop Software; Perform Code Walkthroughs/Unit Test/DB Admin/Code & Doc Control; Release Software	11/11/2004	$0.438	11/11/2004	11/30/2004	$0.438	$0.466	-19	($0.028)	100.00%
1.4	FY2005 Tasks	08/25/2006	$5.156	08/25/2006	03/31/2005	$5.156	$2.089	512	$3.067	26.32%
1.4.1	FY2005 Development Tasks	08/25/2006	$2.904	08/25/2006		$2.904	$0.000		$2.904	0%
1.4.1.1	eRAB (Electronic Rental Housing Assistance Business) Phase I	08/25/2006	$1.895	08/25/2006		$1.895	$0.000		$1.895	0%
1.4.1.1.1	A. Project Initiation/Planning - Perform Project Tracking and Control	02/08/2006	$0.036	02/08/2006		$0.036	$0.000		$0.036	0%
1.4.1.1.2	B. Requirements Definition - Perform Project Tracking and Control	05/30/2006	$0.323	05/30/2006		$0.323	$0.000		$0.323	0%
1.4.1.1.3	C. System Design - Perform Project Tracking and Control	03/08/2006	$0.341	03/08/2006		$0.341	$0.000		$0.341	0%
1.4.1.1.4	D. Software Acquisition - Perform Project Tracking and Control	01/25/2006	$0.060	01/25/2006		$0.060	$0.000		$0.060	0%
1.4.1.1.5	E. Hardware/Infrastructure Acquisition - Perform Project Tracking and Control	01/25/2006	$0.040	01/25/2006		$0.040	$0.000		$0.040	0%
1.4.1.1.6	F. New Development/Perfective Maintenance - Perform Project Tracking and Control	06/07/2006	$0.628	06/07/2006		$0.628	$0.000		$0.628	0%
1.4.1.1.7	G. Systems Integration & Testing - Perform Project Tracking and Control	08/17/2006	$0.449	08/17/2006		$0.449	$0.000		$0.449	0%
1.4.1.1.8	H. Installation & Deployment - Perform Project Tracking & Control	08/25/2006	$0.018	08/25/2006		$0.018	$0.000		$0.018	0%
1.4.1.2	Award TRACS DME Contract	02/25/2005	$0.000	02/25/2005		$0.000	$0.000		$0.000	0%
1.4.1.2.1	A. Project Initiation and Planning - Perform Project Tracking, Control & Transition	02/25/2005	$0.000	02/25/2005		$0.000	$0.000		$0.000	0%
1.4.1.3	TRACS Release 202C (Race/Ethnicity, PBCA Performance Monitoing, Unborn Child)	02/13/2006	$1.009	02/13/2006		$1.009	$0.000		$1.009	0%
1.4.1.3.1	A. Project Initiation and Planning - Perform Project Planning & Control	08/05/2005	$0.030	08/05/2005		$0.030	$0.000		$0.030	0%
1.4.1.3.2	B. Requirements Definition - Perform Project Planning & Control	09/01/2005	$0.172	09/01/2005		$0.172	$0.000		$0.172	0%
1.4.1.3.3	C. System Design - Perform Project Planning & Control	09/23/2005	$0.192	09/23/2005		$0.192	$0.000		$0.192	0%
1.4.1.3.4	F. New Development/Perfective Maintenance - Perform Project Planning & Control	12/02/2005	$0.343	12/02/2005		$0.343	$0.000		$0.343	0%
1.4.1.3.5	G. Systems Integration & Testing - Perform Project Planning & Control	02/02/2006	$0.252	02/02/2006		$0.252	$0.000		$0.252	0%
	H. Installation & Deployment	02/13/2006	$0.020	02/13/2006		$0.020	$0.000		$0.020	0%

WBS	Task									
1.4.1.3.6	- Perform Project Planning & Control									
1.4.2	FY2005 Maintenance Tasks	09/29/2005	$2.252	09/29/2005	03/31/2005	$2.252	$2.089	182	$0.163	60.26%
1.4.2.1	1st Quarter Maintenance	12/30/2004	$0.530	12/30/2004	12/31/2004	$0.530	$0.297	-1	$0.233	79.27%
1.4.2.1.1	I. Systems Operation - Perfrom Project Tracking & Control, Provide Help Desk and Customer Service, Prepare and Provide Training	12/30/2004	$0.164	12/30/2004		$0.164	$0.055		$0.109	33.00%
1.4.2.1.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects and Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Document Control, Release Software	12/22/2004	$0.366	12/22/2004	12/31/2004	$0.366	$0.242	-9	$0.124	100.00%
1.4.2.2	2nd Quarter Maintenance	03/06/2005	$0.532	03/06/2005	03/31/2005	$0.532	$0.851	-25	($0.319)	100.00%
1.4.2.2.1	I. Systems Operation - Perfrom Project Tracking & Control, Provide Help Desk and Customer Service, Prepare and Provide Training	03/06/2005	$0.166	03/06/2005	03/31/2005	$0.166	$0.165	-25	$0.001	100.00%
1.4.2.2.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects and Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Document Control, Release Software	03/06/2005	$0.366	03/06/2005	03/31/2005	$0.366	$0.686	-25	($0.320)	100.00%
1.4.2.3	3rd Quarter Maintenance	06/29/2005	$0.595	06/29/2005		$0.595	$0.941		($0.346)	68.06%
1.4.2.3.1	I. Systems Operation - Perfrom Project Tracking & Control, Provide Help Desk and Customer Service, Prepare and Provide Training	06/29/2005	$0.229	06/29/2005		$0.229	$0.165		$0.064	33.00%
1.4.2.3.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects and Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Document Control, Release Software	06/29/2005	$0.366	06/29/2005		$0.366	$0.776		($0.410)	90.00%
1.4.2.4	4th Quarter Maintenance	09/29/2005	$0.595	09/29/2005		$0.595	$0.000		$0.595	0%
1.4.2.4.1	I. Systems Operation - Perfrom Project Tracking & Control, Provide Help Desk and Customer Service, Prepare and Provide Training	09/29/2005	$0.229	09/29/2005		$0.229	$0.000		$0.229	0%
1.4.2.4.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects and Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Document Control, Release Software	09/29/2005	$0.366	09/29/2005		$0.366	$0.000		$0.366	0%
1.5	FY2006 Tasks	08/27/2007	$2.480	08/27/2007		$2.480	$0.000		$2.480	0%
1.5.1	FY2006 Development Tasks	08/27/2007	$0.000	08/27/2007		$0.000	$0.000		$0.000	0%
1.5.1.1	eRAB (Electronic Rental Housing Assistance Business) Phase II	08/27/2007	$0.000	08/27/2007		$0.000	$0.000		$0.000	0%
1.5.2	FY2006 Maintenance Tasks	09/29/2006	$2.480	09/29/2006		$2.480	$0.000		$2.480	0%

1.5.2.1	1st Quarter Maintenance	12/30/2005	$0.620	12/30/2005		$0.620	$0.000		$0.620	0%
1.5.2.1.1	I. Systems Operation - Perfrom Project Tracking & Control, Provide Help Desk and Customer Service, Prepare and Provide Training	12/30/2005	$0.217	12/30/2005		$0.217	$0.000		$0.217	0%
1.5.2.1.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects and Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Document Control, Release Software	12/30/2005	$0.403	12/30/2005		$0.403	$0.000		$0.403	0%
1.5.2.2	2nd Quarter Maintenance	03/30/2006	$0.620	03/30/2006		$0.620	$0.000		$0.620	0%
1.5.2.2.1	I. Systems Operation - Perfrom Project Tracking & Control, Provide Help Desk and Customer Service, Prepare and Provide Training	03/30/2006	$0.217	03/30/2006		$0.217	$0.000		$0.217	0%
1.5.2.2.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects and Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Document Control, Release Software	03/30/2006	$0.403	03/30/2006		$0.403	$0.000		$0.403	0%
1.5.2.3	3rd Quarter Maintenance	06/29/2006	$0.620	06/29/2006		$0.620	$0.000		$0.620	0%
1.5.2.3.1	I. Systems Operation - Perfrom Project Tracking & Control, Provide Help Desk and Customer Service, Prepare and Provide Training	06/29/2006	$0.217	06/29/2006		$0.217	$0.000		$0.217	0%
1.5.2.3.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects and Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Document Control, Release Software	06/29/2006	$0.403	06/29/2006		$0.403	$0.000		$0.403	0%
1.5.2.4	4th Quarter Maintenance	09/29/2006	$0.620	09/29/2006		$0.620	$0.000		$0.620	0%
1.5.2.4.1	I. Systems Operation - Perfrom Project Tracking & Control, Provide Help Desk and Customer Service, Prepare and Provide Training	09/29/2006	$0.217	09/29/2006		$0.217	$0.000		$0.217	0%
1.5.2.4.2	J. Corrective & Adaptive Maintenance - Perform Project Tracking & Control, Categorize Defects and Errors, Update System Documentation, Develop Software, Perform Code Walkthroughs/Unit Test/DB Admin/Code & Document Control, Release Software	09/28/2006	$0.403	09/28/2006		$0.403	$0.000		$0.403	0%
1.6	FY 2007 Tasks (Development and Maintenance)	09/28/2007	$6.289	09/28/2007		$6.289				0%
1.6.1	FY 2007 Development Tasks	09/28/2007	$2.760	09/28/2007		$2.760				0%
1.6.1.1	A. Project Initiation/Planning	09/28/2007	$0.170	09/28/2007		$0.170				0%
1.6.1.2	B. Requirements Definition	09/28/2007	$0.341	09/28/2007		$0.341				0%
1.6.1.3	C. System Design	09/28/2007	$0.362	09/28/2007		$0.362				0%
1.6.1.4	D. Software Acquisition	09/28/2007	$0.055	09/28/2007		$0.055				0%
1.6.1.5	E. Hardware/Infrastructure	09/28/2007	$0.055	09/28/2007		$0.055				0%

	Acquisition									
1.6.1.6	F. New Development/Perfective Maintenance	09/28/2007	$1.050	09/28/2007		$1.050				0%
1.6.1.7	G. Systems Integration & Testing	09/28/2007	$0.645	09/28/2007		$0.645				0%
1.6.1.8	H. Installation & Deployment	09/28/2007	$0.082	09/28/2007		$0.082				0%
1.6.2	FY 2007 Maintenance Task	09/28/2007	$3.529	09/28/2007		$3.529				0%
1.7	FY 2008 Tasks (Development and Maintenance)	09/30/2008	$5.638	09/30/2008		$5.638				0%
1.7.1	FY 2008 Development Tasks	09/30/2008	$2.110	09/30/2008		$2.110				0%
1.7.1.1	A. Project Initiation/Planning	09/30/2008	$0.075	09/30/2008		$0.075				0%
1.7.1.2	B. Requirements Definition	09/30/2008	$0.150	09/30/2008		$0.150				0%
1.7.1.3	C. System Design	09/30/2008	$0.080	09/30/2008		$0.080				0%
1.7.1.4	F. New Development/Perfective Maintenance	09/30/2008	$1.130	09/30/2008		$1.130				0%
1.7.1.5	G. Systems Integration & Testing	09/30/2008	$0.525	09/30/2008		$0.525				0%
1.7.1.6	H. Installation & Deployment	09/30/2008	$0.150	09/30/2008		$0.150				0%
1.7.2	FY 2008 Maintenance Task	09/30/2008	$3.528	09/30/2008		$3.528				0%
Project Totals		**09/30/2008**	**$33.741**	**09/30/2008**	**04/22/2005**	**$33.741**	**$15.645**	**1256**	**$18.096**	**43.86**

III.A: RISK MANAGEMENT BY08

Risk Management Plan BY08

Part III should be completed only for investments identified as "Operation and Maintenance" (Steady State) in response to Question 6 in Part I, Section A above.

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

Does the investment have a Risk Management Plan?	Yes
What is the date of the risk management plan?	9/16/2005
Has the Risk Management Plan been significantly changed since last year's submission to OMB?	No
If "yes," describe any significant changes to the Risk Management Plan:	
If there currently is no risk plan, will a plan be developed?	
If "yes," what is the planned completion date of the risk plan?	
If "no," what is the strategy for managing the risks?	

III.B: COST AND SCHEDULE PERFORMANCE BY08

Operational Analysis BY08

Was operational analysis conducted?	
If "yes," provide the date the operational analysis was completed.	
Please provide a brief summary of the operational analysis results.	
If "no," please explain why it was not conducted and if there are any plans to conduct operational analysis in the future:	

Performance Baseline BY08

Complete the following table to compare actual cost performance against the planned cost performance baseline. Milestones reported may include specific individual scheduled preventative and predictable corrective maintenance activities, or may be the total of planned annual operation and maintenance efforts.

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

Comparison of Plan vs. Actual Performance Table

Milestone Number	Description of Milestone	Planned		Actual		Variance	
		Completion Date	Total Cost	Completion Date	Total Cost	Schedule (# days)	Cost

IV.A: E-GOV AND LINES OF BUSINESS OVERSIGHT BY08

Partners BY08

Part IV should be completed only for investments identified as an E-Gov initiative or a Line of Business(LOB), i.e., selected the E-Gov and LOB Oversight choice in response to Question 6 in Part I, Section A above. Investments identified as E-Gov and LOB Oversight will complete only Parts I and IV of the exhibit 300.

Multi-agency initiatives, such as E-Gov and LOB initiatives, should develop a joint exhibit 300.

As a joint exhibit 300, please identify the agency stakeholders. Provide the partner agency and partner agency approval date for this joint exhibit 300.

Stakeholder Table

Partner Agency Name	Partner Agency	Joint Exhibit Approval Date

Partnering Strategies BY08

Provide the partnering strategies you are implementing with the participating agencies and organizations. Identify all partner agency capital assets supporting the common solution; Managing Partner capital assets should also be included in this joint exhibit 300. These capital assets should be included in the Summary of Spending table of Part I, Section B. (Partner Agency Asset UPIs should also appear on the Partner Agency's exhibit 53)

Partner Capital Assets within this Investment

Partner Agency Name	Partner Agency	Partner Agency Asset Title	Partner Agency Exhibit 53 UPI (BY2008)

Partner Funding BY08

For jointly funded initiative activities, provide in the "Partner Funding Strategies Table": the name(s) of partner agencies; the UPI of the partner agency investments; and the partner agency contributions for CY and BY. Please indicate partner contribution amounts (in-kind contributions should also be included in this amount) and fee-for-service amounts. (Partner Agency Asset UPIs should also appear on the Partner Agency's exhibit 53. For non-IT fee-for-service amounts the Partner exhibit 53 UPI can be left blank)

Partner Funding Strategies

Partner Agency Name	Partner Agency	Partner exhibit 53 UPI (BY2008)	CY Contribution	CY Fee-for-Service	BY Contribution	BY Fee-for-Service

Analysis Background BY08

An Alternatives Analysis for E-Gov and LOB initiatives should also be obtained. At least three viable alternatives, in addition to the current baseline (i.e., the status quo), should be included in the joint exhibit 300. Use OMB Circular A-94 for all investments, and the Clinger Cohen Act of 1996 for IT investments, to determine the criteria you should use in your Benefit/Cost Analysis.

Did you conduct an alternatives analysis for this project?	Yes
If "yes," what is the date of the analysis?	8/23/2006
If "no," what is the anticipated date this analysis will be completed?	
If no analysis is planned, please briefly explain why:	

Alternatives Table BY08

Use the results of your alternatives analysis to complete the following table:

Alternatives Analysis Results

Send to OMB	Alternative Analyzed	Description of Alternative	Risk Adjusted Lifecycle Costs estimate	Risk Adjusted Lifecycle Benefits estimate
True	Alternative 1 - Status Quo - Maintain TRACS in its current aging, legacy state.	Alternative 1 - This baseline scenario will simply maintain and support TRACS operations over the coming years in order to continue its current rental assistance business functions. Corrective and adaptive maintenance will be provided for TRACS Business Areas and operations within the current batch transaction processing/mainframe environment. No new development will take place, but current TRACS functionalities will be maintained, when possible. Minor system enhancements may be implemented.	26534	0
True	Alternative 2 - Complete re-engineering of the TRACS system. Migration from mainframe environment to a new enterprise architecture.	Alternative 2 - Complete re-design of the TRACS system using state-of-the-art technology and providing a comprehensive eGovernment solution for the organization. The biggest challenge will be data and platform conversion from the current system to the re-engineered system. Benefits achieved with this solution will be very similar to alternative 3, however the implementation timeline is estimated to be four to five years.	36059	141459
True	Alternative 3 - Hybrid Solution - re-engineering portions of TRACS to provide an integrated, comprehensive eGovernment solution that will keep TRACS on pace with Program goals, Housing Industry needs, and legislative requirements.	Alternative 3 - TRACS will migrate away from the mainframe platform, becoming an EA-compatible system that meets all the standards for HUD's Vision 2010. TRACS will be fully maintained, and major enhancements will be developed in the new architecture based on eGov principles to satisfy MFH and Departmental objectives, improve internal controls, and respond to the changing needs of MFH business partners in the Industry. TRACS Business Areas will be integrated with HUD's IT Master Schedule for EA.	33859	152190
True	Alternative 4 - Complete Outsourcing of TRACS.	Alternative 4 - Outsourcing option will give TRACS operations, maintenance, and new development / enhancements to a third party. Maintenance of sensitive data within TRACS, infrastructure needs of HUD / TRACS, and the criticality of Operations support of TRACS, all create significant additional risks connected with this alternative.	96028	179564

Selected Alternative BY08

Which alternative was selected by the Initiative Governance process and why was it chosen?

Alternative 3 Hybrid Solution - re-engineering parts of TRACS to make it a comprehensive eGovernment solution is the most cost effective alternative with an ROI of 872% and a total incremental Net Present Value of $146M. The hybrid solution alternative lies in migrating the existing TRACS business applications/modules to another platform. This will be an application rewrite, therefore application functionalities will change. The existing TRACS business applications/modules will be ported to another operating environment while improving business functionality and security, including user look and feel of the applications/modules. In doing so, HUD provides the correct computational platform for the future, enabling TRACS to migrate away from the current mainframe environment.

The Hybrid Solution will keep TRACS on target with program goals, MFH industry needs, and meeting legislative mandates. This alternative will allow TRACS to fully migrate away from the mainframe platform, becoming an Enterprise Architecture system that meets all the standards for HUD's Vision 2010. This will force Housing to divide its resources so that the mainframe, as well as Windows and UNIX environments can be maintained. Actively migrating away from the mainframe platform will permit Housing to more effectively manage its IT resources, improve application/module security, and provide a higher level of customer service. In addition, the migration strategy of using Service Oriented Architecture (SOA) will provide a large reduction in Software licensing fees. TRACS will be fully maintained, and major enhancements will be developed in the new architecture based on eGovernment in order to satisfy MFH and Departmental objectives, improve internal controls, and respond to the changing needs of MFH business partners in the Industry. For the purpose of this analysis, HUD Business and Industry Partners are considered Stakeholders. We estimate savings of over $59M to the industry partners over the lifecycle. Stakeholder Benefits are based on a conservative estimate of third party vendor fees of $900 per year, per site, multiplied by 20,000 sites. MFH estimates that actual costs for these fees currently average over $1000 per year, per site. In addition, MFH estimates that over the course of the lifecycle improper subsidy payments will be reduced by over $110M.

What specific qualitative benefits will be realized?

Alternative 3 Hybrid Solution - re-engineering parts of TRACS to make TRACS a comprehensive eGovernment solution will enhance the five primary TRACS Business Areas: TRACSMail, Contracts, Tenant Certifications, Voucher/Payments, and ARAMS/Funding. TRACS will operate in a new enterprise architecture environment. This solution will leverage and compliment other HUD enterprise systems, including the EIV System, iREMS, and Housing Integrated Database (HEREMS).

Alternative 3 (Hybrid Solution) will also provide the following benefits:
· Electronically process and validate 100% of certifications.
· Eliminate the manual effort involved in voucher review.
· Provide for electronic submission and validation of nearly 100% of vouchers.
· Provide full, comprehensive cross validation of voucher, tenant and contract information.
· Automatically calculate and authorize subsidy payments based on pre-validation of tenant data, and reduce improper payments.
· Eliminate manual voucher submissions and labor-intensive data collection by field staff, which is aligned with the eGov initiative of the President's Management Agenda (PMA).
· Streamline MFH staff functions and eliminate 80% of MFH paper procedures via state-of-the-art technology.
· Provide staff with timely and comprehensive information through the use of a national database.
· Become an Enterprise Architecture system that meets all the standards for HUD's IT Modernization Vision 2010.

All of the above will drastically reduce erroneous payments and virtually eliminate unsubstantiated payments in alignment with the PMA and Departmental goals and objectives, as reflected in the performance measures for this initiative.

Quantitative Benefits BY08

What specific quantitative benefits will be realized (using current dollars) Use the results of your alternatives analysis to complete the following table:

Federal Quantitative Benefits

	Budgeted Cost Savings	Cost Avoidance	Justification for Budgeted Cost Savings	Justification for Cost Avoidance
PY - 6 2000	0	0		
PY - 5 2001	0	0		
PY - 4 2002	0	0		
PY - 3 2003	0	0		
PY - 2 2004	0	0		

	Budgeted Cost Savings	Cost Avoidance	Justification for Budgeted Cost Savings	Justification for Cost Avoidance
PY - 1 2005	0	0		
PY 2006	0	0		
CY 2007	0	0		
BY 2008	0	0		

IV.B: RISK MANAGEMENT BY08

Risk Management Plan BY08

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk throughout the investment's life-cycle.

Does the investment have a Risk Management Plan?	Yes
What is the date of the risk management plan?	9/16/2005
Has the Risk Management Plan been significantly changed since last year's submission to OMB?	No

If "yes," describe any significant changes to the Risk Management Plan:

If there currently is no risk plan, will a plan be developed?
If "yes," what is the planned completion date of the risk plan?
If "no," what is the strategy for managing the risks?

Investment Risks BY08

Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule:

The TRACS project risks are documented in the project's Risk Assessment Plan. Within the TRACS Risk Assessment Plan, an analysis of TRACS security threats and vulnerabilities have been assessed. Impact of risks to TRACS, the likelihood of risk occurrence within TRACS, a risk level calculation of TRACS, and a risk level matrix have also been evaluated. In addition, the TRACS risk assessment results include a risk summary, applicability of TRACS minimum-security baseline, and additional TRACS security controls that are required in order to mitigate risks for a streamlined, risk-free TRACS system. The TRACS Project Work Plan takes into account the risk impact, probability, cost of the mitigation strategy and potential cost if the risk were to occur when estimating the budget for each phase in the development cycle. If a risk mitigation strategy impacts the project schedule, the project release schedule is updated and the impact to future development activities is analyzed and adjusted if necessary on the TRACS Project Work Plan.

IV.C: COST AND SCHEDULE PERFORMANCE BY08

Earned Value BY08

You should also periodically be measuring the performance of operational assets against the baseline established during the planning or full acquisition phase (i.e., operational analysis), and be properly operating and maintaining the asset to maximize its useful life. Operational analysis may identify the need to redesign or modify an asset by identifying previously undetected faults in design, construction, or installation/integration, highlighting whether actual operation and maintenance costs vary significantly from budgeted costs, or documenting that the asset is failing to meet program requirements.

Answer the following questions about the status of this investment. Include information on all appropriate capital assets supporting this investment except for assets in which the performance information is reported in a separate Exhibit 300.

Are you using EVM to manage this investment?	
Does the earned value management system meet the criteria in ANSI/EIA Standard - 748?	Yes

If "no," explain plans to implement EVM:

Please provide a brief summary of the operational analysis results.

This sub-sections questions are NOT applicable for capital assets with ONLY O&M

Answer the following questions about current cumulative cost and schedule performance. The numbers reported below should reflect current actual information. (Per OMB requirements Cost/Schedule Performance information should include both Government and Contractor Costs):

What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor	Contractor Only

Only/Both)?	
EVMS "As of" date:	6/30/2006
What is the Planned Value (PV)?	19.984000
What is the Earned Value (EV)?	19.753000
What is the actual cost of work performed (AC)?	19.019000
What is the calculated Schedule Performance Index (SPI = EV/PV)?	0.988000
What is the schedule variance (SV = EV-PV)?	-0.023100
What is the calculated Cost Performance Index (CPI = EV/AC)?	1.039000
What is the cost variance (CV = EV-AC)?	0.734000

EVM is required only on DME portions of investments. For mixed lifecycle investments, O&M milestones should still be included in the table (Comparison of Initial Baseline and Current Approved Baseline). This table should accurately reflect the milestones in the initial baseline, as well as milestones in the current baseline.

Cost/Schedule Variance BY08

Is the CV% or SV% greater than 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100)	No
If "yes," was it the CV or SV or both?	
If "yes," explain the variance:	
If "yes," what corrective actions are being taken?	
What is the most current "Estimate at Completion"?	32.563000

Performance Baseline BY08

This sub-sections questions are applicable to ALL capital assets.	
Have any significant changes been made to the baseline during the past fiscal year?	No

Complete the following table to compare actual performance against the current performance baseline and to the initial performance baseline. In the Current Baseline section, for all milestones listed, you should provide both the baseline and actual completion dates (e.g., "03/23/2003"/ "04/28/2004") and the baseline and actual total costs (in $ Millions). In the event that a milestone is not found in both the initial and current baseline, leave the associated cells blank. Note that the 'Description of Milestone' and 'Percent Complete' fields are required. Indicate 0 for any milestone no longer active.

If "yes," when was it approved by OMB?

Comparison of Initial Baseline and Current Approved Baseline (EGov)

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete	Agency Responsible For Activity
		Planned Completion Date	Total Cost (Estimated)	Completion Date		Total Cost		Schedule (# days)	Cost		
				Planned	Actual	Planned	Actual				
Project											