

## Exhibit 300: Capital Asset Summary

### Part I: Summary Information And Justification (All Capital Assets)

#### Section A: Overview & Summary Information

**Date Investment First Submitted:** 2009-06-30  
**Date of Last Change to Activities:** 2012-02-28  
**Investment Auto Submission Date:** 2012-02-29  
**Date of Last Investment Detail Update:** 2012-02-29  
**Date of Last Exhibit 300A Update:** 2012-05-31  
**Date of Last Revision:** 2012-06-29

**Agency:** 025 - Department of Housing and Urban Development      **Bureau:** 00 - Agency-Wide Activity

**Investment Part Code:** 04

**Investment Category:** 00 - Agency Investments

**1. Name of this Investment:** Grants Management

**2. Unique Investment Identifier (UII):** 025-000004480

#### Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

Grants Mgmt Investment, under the 25-point plan, consists of Shared Services and automated systems to manage the grants lifecycle (pre-award, award, post-award stages) of over 50 formula and competitive programs across multiple HUD Offices totaling over \$47 Billion. The long-term goal is to simplify, streamline and integrate the administrative and financial processes of applying for and operating grant programs. This will be achieved through consolidating Stove-Piped Systems and leveraging Shared components, resulting in reduced grantee paperwork/administrative burden, 25% faster awards to get funds on the ground faster, greater grantee capacity to achieve results and better outcomes for citizens. Cities, counties, states and non-profits are struggling and need HUD's grants more than ever. HUD's grantees are direct agents for improving high-poverty neighborhoods, creating affordable housing, generating jobs and providing more targeted services to low-income families, the homeless, HIV/AIDS patients, the unemployed and those suffering through foreclosure. The investment will remove obstacles across HUD so grantees can re-direct staff time currently spent on paperwork towards greater productivity. The O&M costs cover steady-state operation of HUD's current grants management systems across the grants lifecycle: GIMS2, E-SNAPS (pre-award intake, review, scoring, review, award); IDIS, DRGR (post-award activity setup, drawdown, reporting); and GMP, PERMS (Monitoring). Grants Mgmt also has a central Project Management Office (PMO) supporting integration planning.

Transformation DME projects (HEARTH Act / eGrants Business Portal) began in FY11 and will continue through FY13. These funds will reduce costs by retiring obsolete technology (GMP Legacy), reducing redundancy (merge IDIS and DRGR creating single point-of-entry) and lowering infrastructure costs. The investment will also leverage existing services to roll in non-CPD grant programs (Healthy Homes, FHIP, etc.) enabling retirement of paper-based processes and legacy stove-piped systems for additional cost savings in FY14. Key benefits are new modules/services to address legislative mandates (HEARTH, Emergency Solutions Grant, Consolidated Plan, Lead-Based Paint, etc.), reduced HUD staff time reviewing paper, automation of additional paper-based grants, reducing administrative burden on grantees, reducing redundant reporting, faster NOFAs, enabling single-sign-on and getting dollars on the ground faster.

**2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.**

HUD has substantial performance gaps: grant management is inconsistent, inefficient, burdensome and too expensive. HUD administers grants through semi-automated and manual processes; using COTS, custom software and paper. Portions of the grants lifecycle are automated and efficient but not fully utilized across HUD's approx 50 programs. HUD spends too much time and money on non-integrated solutions that are taxing on grantees, require too much paper and extend time to award. Current capabilities do not effectively manage 25,000+ active grants totaling \$47 billion. The main objectives of Grants Mgmt are 1)modernize/integrate existing systems through SOA and 2)get more value by centralizing more grant programs into existing Shared Services. Grants Mgmt will shut down Stove-Piped, legacy and/or paper-based manual processes/systems for more efficient administration, faster awards and significantly lower burden on grantees. Transformation IT funds are being used to address both objectives: 1)merge 2 post-award systems into one, modernize/integrate Legacy GMP, centralize databases and 2)enable 5-10 additional grant programs to move off legacy tools and/or paper into IDIS/DRGR. Efforts also underway: consolidate Grants contracts (multiple help desks and PMO) and migrate 2 GIS mapping systems to HUD-wide GEOSPATIAL investment for better integration and lower cost. This directly supports HUD Strategic Goal 4a)Catalyze economic development and job creation while enhancing/preserving community assets. If we free grantee staff of redundant/cumbersome paperwork, grantees will have more capacity to execute activities and improve neighborhoods. Grants Mgmt also directly supports HUD Strategic Goal 2a)End homelessness and substantially reduce severe housing needs. Grants service (eSNAPS) has streamlined the Continuum of Care HEARTH process, reduced time-to-award by 60% and freed homeless shelters from onerous paper reporting requirements. Grants Mgmt also directly supports HUD Strategic Goal 5c) Bureaucracy Busting, flexible modern systems and rules. Services (GIMS2 and eLogic Model) enable rapid turn-around of NOFAs with electronic intake, distribution and scoring of grant applications with minimal paperwork to make awards faster and hold grantees accountable for demonstrating results. If Grants Mgmt is not fully funded, a shutdown of shared services would result in inefficient and unaccountable paper processes. Non-IT costs would incur 4 times the cost of modernization.

**3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added,**

**or operational efficiency achieved.**

Accomplished PY: FY11 Consolidated eGrants Functional Requirements Document for OMB submission Prepared recommendations on Modernization Strategy Performed Alternatives Analysis and recommended Service Oriented Architecture implementation Prepared Needs Statement for overarching investment eGrants, supporting enterprise wide integration of all Grants Management Systems under SOA architecture Hosted GIMS II System as Separate Instance for greater efficiency and improved performance and user load. Corrected issues with large attachments. Improved Fiscal Management of eGrants contracts with PMO support New GIS mapping Shared Service. HEARTH TI funds used to pilot electronic Consolidated Plan, automate paper-based HOPWA Competitive grants, automate new Emergency Solutions Grant, streamline HEARTH CoC application process for 40% faster awards and enable lead-based paint data collection. ARRA funds built place-based financial dashboard report to monitor grantee expenditures.

**4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).**

Milestones for CY: FY12 -Continue to reduce GIMS dependence on COTS product -Reduce number of upgrades -Build Multi-Program Dashboards to enhance Transparency and Accountability and improve Management Reporting -Update eGrants Roadmap to reflect shared components -Automate paper-based Sec.108 Loan Guarantee program -Complete Consolidated Plan module and deploy for 1,224 city, county and state grantees -Launch HEARTH and Rural Housing Stability grant programs in 40% less time than previous years -Automate lead-based paint healthy homes grants in DRGR -Homeless grant comprehensive place-based dashboard reports -Deploy eLogic Model Module -Automate paper-based Environmental Review process for 20,000+ grant activities annually -Deploy new financial controls and monitoring reports for the HOME formula grant program as per IG findings to reduce stagnant activities and ensure proper receipt of program income Milestones for BY : FY13 -Use eGrants Business Portal Transformation Initiative funding to: -Design/implement the archival/retrieval of historical grant information -Continued integration of GIMSII, eSNAPS, GMP, IDIS, DRGR with shared DB for cost reduction under PMO -Simplify data exchange between Monitoring systems to prevent fraud, waste and abuse -Streamline database design to reduce redundant fields/tables and improve performance -Merge IDIS and DRGR and integrate with a modernized GMP to create a single point-of-entry for all post-award grant functions. -Integrate 5-10 additional grant programs into a consolidated IDIS/DRGR system and retire 5-10 legacy tools -Enable easier data sharing between eGrants systems -Improve Data Warehouse capabilities for integrated systems -Implement self-service technologies to access relevant business information and services -Implement an Enterprise Wide Module for Award and Award Amendment to improve accountability, reduce risk of fraud, waste and abuse; and ensure HUD can meet OMB USASpending.Gov data requirements for all HUD programs -Use eLogic Model Module to collect competitive program Logic Model performance data and make it available on the web to increase transparency in HUD programs -Meet OMB USASpending.Gov, FFATA data element requirements at sub-recipient level.

**5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve**

**this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.**

2011-09-09

## Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

|  | PY-1<br>&<br>Prior | PY<br>2011 | CY<br>2012 | BY<br>2013 |
|--|--------------------|------------|------------|------------|
| Planning Costs:  | \$27.2             | \$0.0      | \$0.0      | \$0.0      |
| DME (Excluding Planning) Costs:                            | \$45.0             | \$7.4      | \$10.0     | \$14.7     |
| DME (Including Planning) Govt. FTEs:                       | \$0.0              | \$0.0      | \$0.0      | \$0.0      |
| Sub-Total DME (Including Govt. FTE):                       | \$72.2             | \$7.4      | \$10.0     | \$14.7     |
| O & M Costs:   | \$121.7            | \$5.3      | \$8.3      | \$6.4      |
| O & M Govt. FTEs:  | \$12.0             | \$0.8      | \$0.0      | \$0.0      |
| Sub-Total O & M Costs (Including Govt. FTE):               | \$133.7            | \$6.1      | \$8.3      | \$6.4      |
| Total Cost (Including Govt. FTE):                          | \$205.9            | \$13.5     | \$18.3     | \$21.1     |
| Total Govt. FTE costs:                                     | \$12.0             | \$0.8      | 0          | 0          |
| # of FTE rep by costs:                                     | 0                  | 0          | 0          | 0          |
| Total change from prior year final President's Budget (\$) |                    | \$13.5     | \$18.3     |            |
| Total change from prior year final President's Budget (%)  |                    | 0.00%      | 0.00%      |            |

**2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:**

The summary of funding is greatly reduced from prior years due to government wide spending cuts. The impact has been slower progress and diminished scope than first planned. A number of initiatives that were planned for FY2012/FY2013 will now move to subsequent years, on account of the reduced funding levels anticipated. We have, therefore, de-scoped some requirements to fit the available funding levels in the FY 2012 President s Budget. Hence, the end date is not identifiable at this stage.

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

Table I.D.1 Contracts and Acquisition Strategy

| Contract Type | EVM Required | Contracting Agency ID         | Procurement Instrument Identifier (PIID) | Indefinite Delivery Vehicle (IDV) Reference ID | IDV Agency ID | Solicitation ID | Ultimate Contract Value (\$M) | Type | PBSA ? | Effective Date | Actual or Expected End Date |
|---------------|--------------|-------------------------------|--|--|---------------|-----------------|-------------------------------|------|--------|----------------|-----------------------------|
| Awarded       | 4735         | <a href="#">GST1110BJ6003</a> | GS06F0257Z                               | 4730   |               |                 |                               |      |        |                |                             |
| Awarded       |              | HUDCCOPC23816                 |  |  |               |                 |                               |      |        |                |                             |
| Awarded       | 8600         | <a href="#">HUDCCOPC23808</a> |  |  |               |                 |                               |      |        |                |                             |

**2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:**  
 Earned Value management is practiced across all contracts listed above, as a requirement of HUD s Project Planning and Management (PPM) process.

## Exhibit 300B: Performance Measurement Report

### Section A: General Information

**Date of Last Change to Activities:** 2012-02-28

### Section B: Project Execution Data

**Table II.B.1 Projects**

| Project ID | Project Name   | Project Description  | Project Start Date | Project Completion Date | Project Lifecycle Cost (\$M) |
|------------|--|--|--------------------|-------------------------|------------------------------|
| CPDHEARTH  | HEARTH Act Implementation Project / eGrants  | The HEARTH Act directs HUD to undertake a new approach to how HUD provides assistance, housing, and supportive services to homeless populations. A new, integrated approach encourages leveraging across regional geographies, grantees, and grant programs. HEARTH enhancements across several HUD grant management systems will improve customer service and grantee results and improve efficiency through new capabilities. Each system represents a segment of HUD's end-to-end grants management solution. |                    |                         |                              |
| CPDHOME    | Grants Management - Automated Environment Review & HOME Program Financial Controls | Automate the paper-based Environmental review process for HUD funded construction. The current paper process is cumbersome to grantees and HUD staff and lacks accurate tracking of review status, number of reviews completed, and the  |                    |                         |                              |

**Table II.B.1 Projects**

| Project ID | Project Name                                     | Project Description   | Project Start Date | Project Completion Date | Project Lifecycle Cost (\$M) |
|------------|--|---|--------------------|-------------------------|------------------------------|
| PIHCEEMP   | Energy and Performance Information Center (EPIC) | <p>environmental impact of HUD grantees. This project also enhances financial controls and reports for the HOME program, to lower risk of funding recapture due to idiosyncratic system rules, improve program compliance, and close several IG Audit findings.</p> <p>This project allows HUD to collect, aggregate and report results of the substantial capital investments made through its public housing capital fund program, Operating Fund EPC program, and others. HUD would be able to collect information on the PHA/Tribal implementation of energy efficiency and water conservation measures. Implementation of the proposed automation features would ease the reporting burden on small PHAs and streamline HUD staff processing and approval of PHA/Tribal submissions.</p> |                    |                         |                              |

**Activity Summary**

Roll-up of Information Provided in Lowest Level Child Activities

| Project ID | Name   | Total Cost of Project Activities (\$M) | End Point Schedule Variance (in days) | End Point Schedule Variance (%) | Cost Variance (\$M) | Cost Variance (%) | Total Planned Cost (\$M) | Count of Activities |
|------------|--|--|---------------------------------------|---------------------------------|---------------------|-------------------|--------------------------|---------------------|
| CPDHEARTH  | HEARTH Act Implementation Project / eGrants  |  |                                       |                                 |                     |                   |                          |                     |
| CPDHOME    | Grants Management - Automated Environment Review & HOME Program Financial Controls |  |                                       |                                 |                     |                   |                          |                     |

**Activity Summary**

Roll-up of Information Provided in Lowest Level Child Activities

| Project ID | Name   | Total Cost of Project Activities (\$M) | End Point Schedule Variance (in days) | End Point Schedule Variance (%) | Cost Variance (\$M) | Cost Variance (%) | Total Planned Cost (\$M) | Count of Activities |
|------------|--|--|---------------------------------------|---------------------------------|---------------------|-------------------|--------------------------|---------------------|
| PIHCEEMP   | Energy and Performance Information Center (EPIC) |  |                                       |                                 |                     |                   |                          |                     |

**Key Deliverables**

| Project Name | Activity Name                        | Description                                     | Planned Completion Date | Projected Completion Date | Actual Completion Date | Duration (in days) | Schedule Variance (in days) | Schedule Variance (%) |
|--------------|--------------------------------------|---|-------------------------|---------------------------|------------------------|--------------------|-----------------------------|-----------------------|
| CPDHEARTH    | Requirements                         | Requirements Gathering                          | 2011-04-26              |                           | 2011-04-25             | 1                  | 1                           | 100.00%               |
| CPDHEARTH    | MicroStrategy Reporting Requirements | Additional MicroStrategy Reporting Requirements | 2011-04-28              |                           | 2011-04-28             | 3                  | 0                           | 0.00%                 |
| CPDHEARTH    | Project Management                   | Project Monitoring and Controlling              | 2011-04-28              |                           | 2011-04-28             | 3                  | 0                           | 0.00%                 |
| CPDHEARTH    | Requirements                         | Requirements Gathering                          | 2011-05-05              |                           | 2011-05-05             | 3                  | 0                           | 0.00%                 |
| CPDHEARTH    | Gate Review 1                        | Gate Review 1                                   | 2011-06-03              |                           | 2011-06-03             | 17                 | 0                           | 0.00%                 |
| CPDHEARTH    | Gate Review 1                        | Gate Review 1                                   | 2011-06-06              |                           | 2011-06-06             | 1                  | 0                           | 0.00%                 |
| CPDHEARTH    | Gate Review 2                        | Gate Review 2                                   | 2011-06-09              |                           | 2011-06-09             | 2                  | 0                           | 0.00%                 |
| CPDHEARTH    | Gate Review 3                        | Gate Review 3                                   | 2011-06-15              |                           | 2011-06-15             | 2                  | 0                           | 0.00%                 |
| CPDHEARTH    | Gate Review 2                        | Gate Review 2                                   | 2011-06-17              |                           | 2011-06-17             | 1                  | 0                           | 0.00%                 |
| CPDHEARTH    | Requirements                         | Requirements Gathering                          | 2011-07-08              |                           | 2011-07-08             | 1                  | 0                           | 0.00%                 |
| CPDHEARTH    | Gate Review 1                        | Gate Review 1                                   | 2011-10-12              | 2011-10-12                |                        | 1                  | -324                        | -32,400.00%           |
| CPDHEARTH    | Gate Review 2                        | Gate Review 2                                   | 2011-10-18              | 2011-10-18                |                        | 1                  | -318                        | -31,800.00%           |
| CPDHEARTH    | Gate Review 3                        | Gate Review 3                                   | 2011-10-18              | 2011-10-18                |                        | 113                | -318                        | -281.42%              |
| CPDHEARTH    | Gate Review 3                        | Gate Review 3                                   | 2011-10-24              | 2011-10-24                |                        | 3                  | -312                        | -10,400.00%           |
| CPDHEARTH    | Requirements                         | Requirements gathering sessions                 | 2011-10-26              | 2011-12-26                |                        | 22                 | -310                        | -1,409.09%            |

| Key Deliverables |   |  |                         |                           |                        |                    |                              |                       |
|------------------|---|--|-------------------------|---------------------------|------------------------|--------------------|------------------------------|-----------------------|
| Project Name     | Activity Name   | Description  | Planned Completion Date | Projected Completion Date | Actual Completion Date | Duration (in days) | Schedule Variance (in days ) | Schedule Variance (%) |
| CPDHEARTH        | MicroStrategy Reports Documentation                                 | MicroStrategy Reports Documentation  | 2011-10-31              | 2011-10-31                |                        | 189                | -305                         | -161.38%              |
| CPDHEARTH        | Project Management  | Project Monitoring and Controlling   | 2011-10-31              | 2011-10-31                |                        | 175                | -305                         | -174.29%              |
| CPDHEARTH        | Project Management  | Project Monitoring and Controlling   | 2011-11-11              | 2011-11-11                |                        | 127                | -294                         | -231.50%              |
| CPDHEARTH        | Project Monitoring and Controlling                                  | Project Monitoring and Controlling   | 2011-11-30              | 2011-12-29                |                        | 212                | -275                         | -129.72%              |
| CPDHOME          | Requirements for Financial Controls                                 | Joint Requirements Sessions for Financial Controls                                 | 2011-11-30              | 2011-11-30                |                        | 71                 | -275                         | -387.32%              |
| CPDHEARTH        | Documentation   | Documentation  | 2011-11-30              | 2011-12-29                |                        | 140                | -275                         | -196.43%              |
| CPDHOME          | Requirements for Environmental Management Information System (EMIS) | Joint Requirements Sessions for Environmental Management Information System (EMIS) | 2011-12-02              | 2011-12-02                |                        | 71                 | -273                         | -384.51%              |
| CPDHEARTH        | Requirements Analysis/Design  | Requirements Analysis/Design   | 2011-12-06              | 2011-12-06                |                        | 126                | -269                         | -213.49%              |
| CPDHEARTH        | Requirements/Design   | Requirements/Design  | 2012-01-10              | 2012-01-10                |                        | 146                | -234                         | -160.27%              |
| CPDHEARTH        | Project Management  | Project Management   | 2012-01-12              | 2012-01-12                |                        | 195                | -232                         | -118.97%              |
| PIHCEEMP         | Spring 2012 Release 1   | Implement Spring 2012 release 1  | 2012-04-25              | 2012-04-25                |                        | 127                | -128                         | -100.79%              |
| PIHCEEMP         | Spring 2012 Release 2   | Implement Spring 2012 Release 2  | 2012-04-25              | 2012-04-25                |                        | 127                | -128                         | -100.79%              |

Section C: Operational Data

Table II.C.1 Performance Metrics

| Metric Description  | Unit of Measure                   | FEA Performance Measurement Category Mapping                      | Measurement Condition | Baseline    | Target for PY | Actual for PY | Target for CY | Reporting Frequency |
|---|-----------------------------------|---|-----------------------|-------------|---------------|---------------|---------------|---------------------|
| System Uptime in adherence to SLA for GIMS II   | Percentage of uptime              | Technology - Reliability and Availability                         | Over target           | 92.000000   | 99.000000     | 99.000000     | 99.000000     | Monthly             |
| Achieve 100% of monitoring sessions managed electronically instead of paper based.                        | percentage of monitoring sessions | Customer Results - Timeliness and Responsiveness                  | Over target           | 100.000000  | 100.000000    | 100.000000    | 100.000000    | Semi-Annual         |
| Reduce number of inquiries received by the IDIS Helpdesk.   | number of inquiries per month     | Technology - Information and Data                                 | Under target          | 1868.000000 | 1513.000000   |               | 1360.000000   | Semi-Annual         |
| Reduction in business days between homeless assistance grant submission deadline and award announcement.  | number of business days           | Customer Results - Timeliness and Responsiveness                  | Under target          | 140.000000  | 85.000000     |               | 80.000000     | Semi-Annual         |
| Increase % of homeless assistance grant lifecycle that is managed in electronic form.                     | percentage of grants              | Mission and Business Results - Management of Government Resources | Over target           | 40.000000   | 85.000000     |               | 90.000000     | Semi-Annual         |
| Increase number of homeless assistance grant applications submitted, reviewed, and scored electronically. | number of grant applications      | Process and Activities - Productivity                             | Over target           | 6000.000000 | 6300.000000   |               | 6400.000000   | Semi-Annual         |