

Exhibit 300 FY2010

DOTXX070: DOT IT Combined Infrastructure

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

Description: In Part I, complete Sections A, B, C, and D for all capital assets (IT and non-IT). Complete Sections E and F for IT capital assets.

I.A. Overview (All Capital Assets)

Description: The following series of questions are to be completed for all investments.

I.A.1. Date of Submission:	2009-03-31
I.A.2. Agency:	021
I.A.3. Bureau:	04
I.A.4. Name of this Capital Asset: Description: (Up to 250 characters)	DOTXX070: DOT IT Combined Infrastructure
I.A.5. Unique Project (Investment) Identifier: Description: For IT investment only, see section 53. For all other, use agency ID system.	021-04-02-00-01-1010-00
I.A.6. What kind of investment will this be in FY2010? Description: Please NOTE: Investments moving to O&M in FY2010, with Planning/Acquisition activities prior to FY2010 should not select O&M. These investments should indicate their current status.	Mixed Life Cycle
I.A.8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap: Description: (Up to 2500 characters)	<p>The Department of Transportation (DOT) Combined IT Infrastructure investment is a mixed life cycle investment that aggregates DOT IT infrastructure and office automation expenditures into a single submission. There are currently 40 active investments from 12 subordinate administrations and agencies that contribute to this consolidated investment. This includes 14 investments which account for subordinate Operating Administration participation in the DOT Common Operating Environment and their investment in shared Common IT Services that are available across the Department. This consolidated investment supports the Improved Financial Performance, Expanded Electronic Government, and Budget & Performance Integration goals of the President's Management Agenda as well as the Secretary's goals of providing safe, reliable and efficient transportation systems. It also aligns with ITI LOB Common solutions that significantly reduce/avoid costs through a common enterprise approach. It aggregates demand and provisioning of IT infrastructure commodities through consolidation. Specifically, investments include purchases from SmartBuy and USA Services promoting enterprise-level software management and cost reductions that have leveraged standardization, improved configuration management and security. This investment also includes alternative criteria and performance results of the recently completed HQ Phase of IT consolidation activities and steady state operations of the newly established DOT Consolidated Operating Environment as well as FAA IT consolidation and cost containment efforts. The investment also includes planning activities for the extension of the Common Operating Environment to DOT Field Sites (excluding FAA). The investment excludes infrastructure telecommunications services that are considered to be mission-specific (National Airspace System). Those investments are listed as separate Exhibit 300s in Part I of the Budget Year 2009 Exhibit 53 for DOT</p>
I.A.9. Did the Agency's Executive/Investment Committee approve this request?	yes
I.A.9.a. If "yes," what was the date of this approval?	2003-06-26
I.A.10. Did the Project Manager review this Exhibit?	yes
I.A.12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project?	no
I.A.12.a. Will this investment include electronic assets (including computers)?	yes
I.A.12.b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)	no
I.A.12.b.1. If "yes," is an ESPC or UESC being used to help fund this investment?	
I.A.12.b.2. If "yes," will this investment meet sustainable design principles?	
I.A.12.b.3. If "yes," is it designed to be 30% more energy efficient than relevant code?	
I.A.13. Does this investment directly support any of the PMA initiatives?	yes
I.A.13.a. If "yes," select all that apply:	Competitive Sourcing
I.A.13.b. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?)	Competitive sourcing is used for all IT support contracts

Description: (Up to 500 characters)	
I.A.14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? Description: (For more information about the PART, visit www.whitehouse.gov/omb/part .)	no
I.A.14.a. If "yes," does this investment address a weakness found during a PART review?	
I.A.14.b. If "yes," what is the name of the PARTed program?	
I.A.14.c. If "yes," what rating did the PART receive?	
I.A.15. Is this investment for information technology?	yes
I.A.16 What is the level of the IT Project? (per CIO Council PM Guidance) Description: Level 1 - Projects with low-to-moderate complexity and risk. Example: Bureau-level project such as a stand-alone information system that has low- to-moderate complexity and risk. Level 2 - Projects with high complexity and/or risk which are critical to the mission of the organization. Examples: Projects that are part of a portfolio of projects/systems that impact each other and/or impact mission activities. Department-wide projects that impact cross-organizational missions, such as an agency-wide system integration that includes large scale Enterprise Resource Planning (e.g., the DoD Business Mgmt Modernization Program). Level 3 - Projects that have high complexity, and/or risk, and have government-wide impact. Examples: Government-wide initiative (E-GOV, President's Management Agenda). High interest projects with Congress, GAO, OMB, or the general public. Cross-cutting initiative (Homeland Security).	Level 2
I.A.17. In addition to the answer in 1.A.11.d, what project management qualifications does the Project Manager have? (per CIO Council PM Guidance)	(1) Project manager has been validated as qualified for this investment
I.A.18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4-FY 2008 agency high risk report? (per OMB Memorandum M-05-23)	yes
I.A.19. Is this a financial management system?	no
I.A.19.a. If "yes," does this investment address a FFMI compliance area?	
I.A.19.a.1. If "yes," which compliance area: Description: (Up to 250 characters)	
I.A.19.a.2. If "no," what does it address? Description: (Up to 500 characters)	
I.A.19.b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52 Description: (Up to 2500 characters)	
I.A.20. What is the percentage breakout for the total FY2010 funding request for the following? Description: (This should total 100%)	
I.A.20.a. Hardware	25
I.A.20.b. Software	25
I.A.20.c. Services	40
I.A.20.d. Other	10
I.A.21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?	n/a
I.A.23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?	yes
I.A.24. Does this investment directly support one of the GAO High Risk Areas?	no

I.B. Summary of Spending (All Capital Assets)

I.B.1 Summary of Spending Table

Description: 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.

Note: For the multi-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.

I.B.1.a. Summary of Spending for Project Phases

	PY-1 and earlier	PY 2008	CY 2009	BY 2010
Planning	\$6.460	\$0.760	\$0.082	\$0.085
Acquisition	\$162.325	\$34.821	\$25.710	\$18.544
Subtotal Planning and Acquisition	\$168.785	\$35.581	\$25.792	\$18.629
Operations and Maintenance	\$424.054	\$180.684	\$181.881	\$182.923
TOTAL	\$592.839	\$216.265	\$207.673	\$201.552
Government FTE Costs	\$49.339	\$21.141	\$22.642	\$23.276

I.B.1.b. Summary of Spending for Project Phases (Government FTE Costs Only)

	PY-1 and earlier	PY 2008	CY 2009	BY 2010
Number of FTE represented by cost	227	96	195	183

I.B.2. Will this project require the agency to hire additional FTE's? no

I.B.2.a. If "yes," How many and in what year?
Description: (Up to 500 characters)

I.B.3. If the summary of spending has changed from the FY2009 President's budget request, briefly explain those changes:
Description: (Up to 2500 characters)

I.D. Performance Information (All Capital Assets)

I.D.1. Performance Information Table

Description: In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures (indicators) must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative measure.

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). 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 each of the four different Measurement Areas (for each fiscal year). The PRM is available at www.egov.gov. The table can be extended to include performance measures for years beyond the next President's Budget.

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Grouping	Measurement Indicator
2005	Organizational Excellence	Technology	Operations and Maintenance Costs	Desktop support costs and desktop computer costs.
2005	Organizational Excellence	Technology	IT Composition	Percent of consolidated IT infrastructure resources across DOT. Reduced number of different platforms. Age of platforms. Number of shared functions and resources. Number and frequency of changes. Number of breakdowns due to a lack of preventive maint
2006	Organizational Excellence	Customer Results	Accuracy of Service or Product Delivered	Consolidated Infrastructure availability 24x7 throughout the fiscal year. Time lag of resolution of a service level change request. Frequency of customer satisfaction surveys. Time lag to resolve a service level issue.
2006	Organizational Excellence	Customer Results	Accuracy of Service or Product Delivered	Consolidated Infrastructure availability 24x7 throughout the fiscal year. Time lag of resolution of a service level change request. Frequency of

				customer satisfaction surveys. Time lag to resolve a service level issue.
2006	Organizational Excellence	Processes and Activities	Cycle Time	% of eligible DOT customers serviced
2006	Organizational Excellence	Technology	Licensing Costs	Percent of COE IT enterprise licensing and DOT-wide support service agreements.
2007	Organizational Excellence	Mission and Business Results	Information Management	Ratio of IT infrastructure support spending (\$) to mission/operating spending. Percentage of variance between budgets, forecasts and actual costs. Percentage reduction in information service rates.
2007	Organizational Excellence	Technology	Overall Costs	Co-location of Operating Administration application servers
2008	Organizational Excellence	Processes and Activities	Innovation and Improvement	% implementation of standard service level and desktop/seat management across Department HQ
2009	Organizational Excellence	Customer Results	Customer Satisfaction	Cost and number of separate internet connections across the department.
2009	Organizational Excellence	Mission and Business Results	IT Infrastructure Maintenance	Operations and maintenance cost for application servers
2009	Organizational Excellence	Processes and Activities	Participation	% leverage of ITI 'Common Solution' (when determined)
2009	Organizational Excellence	Technology	Technology Improvement	Number of subordinate administration field site infrastructure systems
2010	Organizational Excellence	Technology	Internal Data Sharing	Number of application servers
2010	Organizational Excellence	Technology	Operations and Maintenance Costs	Seat Management Costs
2010	Organizational Excellence	Customer Results	Accuracy of Service or Product Delivered	Common Operating Environment Services Overall Customer Satisfaction Surveys. Results posted on IT Shared Services website.
2010	Organizational Excellence	Mission and Business Results	IT Infrastructure Maintenance	Operations and maintenance cost for application servers
2010	Organizational Excellence	Processes and Activities	Security	Establish standard security incident response across the Department

I.F. Enterprise Architecture (EA) (IT Capital Assets only)

Description: In order to successfully address this area of the capital asset plan and business case, the investment must be included in the agency's EA and Capital Planning and Investment Control (CPIC) process and mapped to and supporting the FEA. The business case must demonstrate the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.

I.F.1. Is this investment included in your agency's target enterprise architecture?	yes
I.F.1.a. If "no," please explain why? Description: (Up to 2500 characters)	
I.F.2. Is this investment included in the agency's EA Transition Strategy?	yes
I.F.2.a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. Description: (Up to 500 characters)	DOTXX070: Combined IT Infrastructure
I.F.2.b. If "no," please explain why? Description: (Up to 2500 characters)	
I.F.3. Is this investment identified in a completed and approved segment architecture?	yes
I.F.3.a. If "yes," provide the six digit code corresponding to the agency segment architecture. The segment architecture codes are maintained by the agency Chief Architect. For detailed guidance regarding segment architecture codes, please refer to http://www.egov.gov . Description: (In the format "XXX-000")	302-000

I.F.4. Service Component Reference Model (SRM) Table

Description: 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.egov.gov>.

- a. Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.
- b. 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.
- c. '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.
- d. Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in this column can, but are not required to, add up to 100%.

Agency Component Name	Agency Component Description	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused - Component Name (b)
Online Help	Defines the set of capabilities that enable the customer to receive technical assistance electronically	Customer Initiated Assistance	Online Help	
Email	Defines the set of capabilities that support the transmission of memos and messages over a network	Collaboration	Email	
Ad Hoc Reporting	Defines the set of capabilities that support the use of dynamic reports on an as needed basis	Reporting	Ad Hoc	
Information Retrieval	Defines the set of capabilities that allow access to data and information for use by an organization and its stakeholders	Knowledge Management	Information Retrieval	
Remote Systems Control	Defines the set of capabilities that allow remote access to computers, networks and applications	Systems Management	Remote Systems Control	
Standardized Reporting	Defines the set of capabilities that support the use of templates or preconceived/prewritten reports.	Reporting	Standardized / Canned	
Intrusion Detection	Defines the set of capabilities that support the detection of illegal entrance into a computer system	Development and Integration	Data Integration	
Intrusion Detection	Defines the set of capabilities that the detection of illegal entrance into a computer system	Security Management	Intrusion Detection	
Intrusion Prevention	Defines the set of capabilities that support the granting of permission to users or groups of users to computers, applications, or networks. Also prevents non-authorized users from gaining access to same.	Security Management	Intrusion Prevention	
Identification & Authentication	Defines the set of capabilities that support obtaining information for security purposes about parties attempting to log on to a system or application and the validation of those parties	Security Management	Identification and Authentication	
Change Management	Defines the set of capabilities that control the process for updates or modifications to existing software or business processes of an organization.	Management of Processes	Change Management	
Quality Management	Defines the set of capabilities intended to help determine the level that a product or service satisfies certain requirements.	Management of Processes	Quality Management	
Data Exchange	Defines the set of capabilities that support the interchange of information between multiple systems or applications.	Data Management	Data Exchange	
Computers/Automation Management	Defines the set of capabilities that support the management of management of computers, networks, and telecommunication services	Asset / Materials Management	Computers / Automation Management	
Program/Project Management	Defines the set of capabilities for the management and control of a particular effort of an organization.	Management of Processes	Program / Project Management	

Requirements Management	Defines the set of capabilities for gathering, analyzing and fulfilling the needs and prerequisites of an organization's efforts.	Management of Processes	Requirements Management	
Information Sharing	Defines the set of capabilities that support the use of documents and data in a multi-user environment for use by an organization and its stakeholders.	Knowledge Management	Information Sharing	
Access Control	Defines the set of capabilities that support the management of permissions for logging onto a computer or network.	Security Management	Access Control	
Community Management	Defines the set of capabilities that support the administration of online groups that share common interests.	Communication	Community Management	
Audit Trail	Defines the set of capabilities that support the identification and monitoring of activities within an application or system.	Security Management	Audit Trail Capture and Analysis	
Knowledge Distribution and Delivery	Defines the set of capabilities that support the transfer of knowledge to the end customer.	Knowledge Management	Knowledge Distribution and Delivery	
Query	Defines the set of capabilities that support retrieval of records that satisfy specific query selection criteria.	Search	Query	
Network Management	Defines the set of capabilities involved in monitoring and maintaining a communications network in order to diagnose problems, gather statistics and provide general usage.	Organizational Management	Network Management	
Data Cleansing	Support the maintenance and administration of data.	Data Management	Data Classification	
Data Warehousing	Defines the capabilities that support the archiving, storage and retrieval of large volumes of data	Data Management	Data Warehouse	
Data Mining	Allow DOT to analyze data from different perspectives and summarize it into useful information by finding correlations or patterns. Enhances shared use of data and summaries across the department and with external agencies	Analysis and Statistics	Forensics	Data Mining

I.F.5. Technical Reference Model (TRM) Table

Description: 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.

- a. 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.
b. 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.

FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
Data Exchange	Component Framework	Data Management	Database Connectivity	Open Database Connectivity (ODBC)
Software Development	Component Framework	Business Logic	Platform Independent Technologies	Visual Basic
Email	Service Access and Delivery	Access Channels	Collaboration / Communications	Electronic Mail (E-mail)
Instrumentation and Testing	Service Platform and Infrastructure	Support Platforms	Dependent Platform	Internet Explorer
Remote Systems Control	Service Access and Delivery	Access Channels	Wireless / PDA	Blackberry
Computers / Automation Management	Service Access and Delivery	Service Requirements	Hosting	Internal (within Agency)
Email	Service Access and Delivery	Service Transport	Supporting Network Services	Internet Message Access Protocol / Post Office Protocol (IMAP / POP3)

Email	Service Access and Delivery	Service Transport	Supporting Network Services	Simple Mail Transfer Protocol (SMTP)
Email	Service Access and Delivery	Service Transport	Supporting Network Services	Directory Services (X.500)
Data Exchange	Service Interface and Integration	Integration	Enterprise Application Integration	Application Connectivity
Data Exchange	Service Interface and Integration	Interface	Service Description / Interface	Application Program Interface (API) / Protocol
Data Exchange	Service Interface and Integration	Interoperability	Data Format / Classification	eXtensible Markup Language (XML)
Information Retrieval	Service Platform and Infrastructure	Database / Storage	Database	Oracle
Computers / Automation Management	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	Hard Disk Drive
Computers / Automation Management	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Ethernet
Information Retrieval	Service Platform and Infrastructure	Delivery Servers	Web Servers	Internet Information Server
Data Exchange	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Change Management
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	Redundant Array of Independent Disks (RAID)
Computers / Automation Management	Service Platform and Infrastructure	Support Platforms	Dependent Platform	Java 2 Platform Enterprise Edition (J2EE)
Remote Systems Control	Service Platform and Infrastructure	Support Platforms	Wireless / Mobile	Java 2 Platform, Micro Edition (J2ME)
Configuration Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Deployment Management
Network Management	Component Framework	User Presentation / Interface	Static Display	Hyper Text Markup Language (HTML)
Identification and Authentication	Component Framework	User Presentation / Interface	Static Display	e-Authentication
Access Control	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	e-Authentication
Access Control	Service Access and Delivery	Service Requirements	Legislative / Compliance	Security Microsoft Domain, Meganet 2-Factor encryption flash drives, Safeboot encryption, Plethora
Network Management	Service Access and Delivery	Service Transport	Service Transport	Internet Protocol (IPv6)
Intrusion Detection	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	IDS
Data Recovery	Service Platform and Infrastructure	Database / Storage	Storage	Veritas
Information Sharing	Service Access and Delivery	Access Channels	Web Browser	Internet Explorer, Web Browsers
Shared Calendaring	Service Access and Delivery	Access Channels	Collaboration / Communications	MS Outlook
Query	Service Access and Delivery	Access Channels	Collaboration / Communications	Internet Explorer, Web Browsers
Data Warehouse	Service Platform and Infrastructure	Database / Storage	Storage	Storage Area Network (SAN), Network-Attached Storage (NAS), Oracle, SQL

I.F.6. Will the application leverage existing components and/or applications across the Government (e.g. USA.gov, Pay.gov, etc.)? no

I.F.6.a. If "yes," please describe.
Description: (Up to 2500 characters)

Part IV: Planning for "Multi-Agency Collaboration" ONLY

Description: Part IV should be completed only for investments identified as an E-Gov initiative, a Line of Business (LOB) Initiative, or a Multi-Agency Collaboration effort. The "Multi-Agency Collaboration" choice should be selected in response to Question 6 in Part I, Section A above. Investments identified as "Multi-Agency Collaboration" will complete only Parts I and IV of the exhibit 300.

IV.A. Multi-Agency Collaboration Oversight (All Capital Assets)

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

IV.A.1. Stakeholder Table

Description: As a joint exhibit 300, please identify all the agency stakeholders (all participating agencies, this should not be limited to agencies with financial commitment). All agency stakeholders should be listed regardless of approval. If the partner agency has approved this joint exhibit 300 please provide the date of approval.

IV.A.9. Will the selected alternative replace a legacy system in-part or in-whole?

IV.A.9.a. If "yes," are the migration costs associated with the migration to the selected alternative included in this investment, the legacy investment, or in a separate migration investment?

IV.A.9.b. If "yes," please provide the following information: