

PART I - A

PART I: SUMMARY INFORMATION AND JUSTIFICATION
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.
 OMB Text Limitations - SHORT ANSWER(250 Characters), MEDIUM ANSWER(500 Characters) and LONG ANSWER(2500 Characters)

Section A: Overview (All Capital Assets)
<i>I.A.1) Date of Submission (mm/dd/yyyy)</i>
Nov 18, 2008
<i>I.A.2) Agency</i>
029 - Department of Veterans Affairs
<i>I.A.3) Bureau</i>
00 - Agency Wide Initiatives
<i>I.A.4) Name of this Investment:(SHORT ANSWER)</i>
Personal Identity Verification (PIV)-2010
<i>I.A.5) Unique Project(Investment) Identifier: Update the UPI using the Exhibit 53 tab.</i>
029-00-01-19-01-1332-00
<i>I.A.6) What kind of investment will this be in FY2010? (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.)</i>
Full-Acquisition
<i>I.A.7) What was the first budget year this investment was submitted to OMB?</i>
FY2008
<i>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: (LONG ANSWER)</i>
Homeland Security Presidential Directive-12 (HSPD-12) mandated a "Policy for a Common Identification Standard for Federal Employees and Contractors", secure and reliable identification issued by federal agencies for their employees and contractors. The VA PIV Project is a Departmental initiative intended to provide compliance with HSPD-12, FIPS -201, the Federal Common Policy, and related standards which address the Federal Government need for a standardized identity (PIV) credential to be issued all Federal employees and contractors. The PIV credential will be used for identification and authentication across Federal logical and physical access systems. FIPS-201 defines the requirements for the PIV credential enrollment and issuance processes necessary to provide a common assurance level under which all PIV credentials are issued. The VA PIV program will establish an enterprise standards-based smart card and Public Key Infrastructure (PKI) authentication and authorization foundation to support secure and seamless transmission of business transactions and information. PIV addresses the expanded E-Government PMA through the use of an electronic credential (identity) used for identification such as PKI for digital signing, E-Authentication, and physical and logical access through the use of various factors such as PINS, biometrics, and PKI.
<i>I.A.9) Did the Agency's Executive/Investment Committee approve this request?</i>
Yes
<i>I.A.9.a) If "yes," what was the date of this approval?</i>
Sep 23, 2008
<i>I.A.10) Did the Project Manager review this Exhibit?</i>
Yes
<i>I.A.11) Contact information of Program/Project Manager?</i>

	Project Managers Names (SHORT ANSWER)	PM Phone	E-mail (SHORT ANSWER)
Primary in-house	Kevin C. Via - VA PIV Project Manager	(202) 461-5429	kevin.via@va.gov

I.A.11.a) What is the current FAC-P/PM (for civilian agencies) or DAWIA (for defense agencies) certification level of the program/project manager?

DAWIA-Level-2

I.A.11.b) When was the Program/Project Manager Assigned?

May 12, 2008

I.A.11.c) What date did the Program/Project Manager receive the FACP/PM certification? If the certification has not been issued, what is the anticipated date for certification?

Feb 4, 2008

I.A.12) Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project.

Yes

I.A.12.a) Will this investment include electronic assets (including computers)?

Yes

I.A.12.b) Is this investment for construction or 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? (Answer applicable to non-IT assets only)

I.A.13) Does this investment directly support one of the PMA initiatives?

Yes

I.A.13.a) If "yes," check all that apply:

	PMA Initiatives for XML Submission	PMA Initiatives
		- Human Capital
		- Budget Performance Integration
		- Financial Performance
Yes	Expanded E-Government	- Expanded E-Government
		- Competitive Sourcing
		- Faith Based and Community
		- Real Property Asset Management
		- Eliminating Improper Payments
		- Privatization of Military Housing
		- Research & Development Investment Criteria
		- Housing & Urban Development Management & Performance
		- Broadening Health Insurance Coverage through State Initiatives

		- "Right Sized" Overseas Presence
		- Coordination of VA & DoD Programs and Systems

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?)(MEDIUM ANSWER)

PIV contributes to the expanded E-Government requirement to implement PKI to facilitate the use of digital signatures for transactions within the federal government. The use of GSA approved PKI services will decrease government operating costs by automating logical access, replacing multiple card configurations and supporting infrastructures with one standard system, and improving data interoperability within the VA and across the federal government.

I.A. 14) 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

I.A. 14.a) If "yes," does this investment address a weakness found during a PART review?

No

I.A. 14.b) If "yes," what is the name of the PARTed program? (SHORT ANSWER)

I.A. 14.c) If "yes," what rating did the PART receive?

I.A. 15) Is this investment information technology? (See section 53.8 for definition)

Yes

I.A. 16) What is the level of the IT Project? (per CIO Council PM Guidance)

Level 3

I.A. 17) What project management qualifications does the Project Manager have? (per CIO Council PM Guidance)

Qualification Status	Qualification Status for XML Submission	Description
1	(1) Project manager has been validated as qualified for this investment	(1) - Project manager has been validated as qualified for this investment.
		(2) - Project manager qualification is under review for this investment.
		(3) - Project manager assigned to investment, but does not meet requirements.
		(4) - Project manager assigned but qualification status review has not yet started.
		(5) - No Project manager has yet been assigned to 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 project (investment) a Financial Management System? (see section 53.3 for definition)

No

I.A. 19.a) If so, does this project (investment) address a FFMA (Federal Financial Managers Integrity Act) compliance area?

I.A. 19.a.1) If yes, which compliance area?

I.A. 19.a.2) If "no," what does it address? (MEDIUM ANSWER)

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 (LONG ANSWER)

I.A.20) What is the percentage breakout for the total FY2010 funding request for the following? (This should total 100%)

Percentage of Total Investment	
% Hardware	
% Software	
% Services	
% Others	

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?

Yes

I.A.22) Contact information of individual responsible for privacy related questions:

Contact Name: (SHORT ANSWER)	Dennis Stewart
Phone Number:	(202) 461-7456
Title: (SHORT ANSWER)	IT Specialist
E-mail: (SHORT ANSWER)	dennis.steward2@va.gov

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

PART I - B

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Section B: Summary of Funding (All Capital Assets)

I.B.1) FILL IN TABLE IN CURRENT VALUES (in millions)

(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

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.

Category of Funds	PY-1 and Earlier	PY 2008	CY 2009	BY 2010
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Planning Total	2.100	1.908	1.640	1.690
Acquisition Total	3.675	17.743	15.732	16.203
Operations & Maintenance Total	0.000	0.000	0.000	0.000
Total, All Stages (Non-FTE)	5.775	19.651	17.372	17.893
Government FTE Costs	0.850	0.842	0.446	0.382
Govt. FTE Numbers	5	5	4	3
Total (FTE and Non-FTE)	6.625	20.493	17.818	18.275

Government FTE Costs SHOULD NOT be INCLUDED as part of the TOTAL, All Stages Resources represented.

Note: 1) For the cross-agency investments, this table should include all funding (both managing partner and partner agencies). 2) Total, All Stages Resources should equal Total, All Stages Outlays.

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? (MEDIUM ANSWER)

I.B.3) If the summary of spending has changed from the FY2009 President's budget request, briefly explain those changes. (LONG ANSWER)

Budget cut - OI&T realignment/consolidation. PIV is executing funds previously obligated by PIV's predecessor project (AAIP) prior to FY 2006. FY 06 funds were dropped down late in the year not allowing enough time to spend therefore, the PIV Project used One VA+ funds (8.3million) to cover the project spending.

PART I - C

PART I: SUMMARY INFORMATION AND JUSTIFICATION

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

I.C.1) If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why? (LONG ANSWER)

Earned Value is required. This contract is for development work supporting a VA in-house project and as such the contractor is required to participate in the VA EVMS per VA Directive 6061.

I.C.2) Do the contracts ensure Section 508 compliance?

Yes

I.C.2.a) Explain why not or how this is being done? (MEDIUM ANSWER)

The GSA Federal Schedule contracts, under which the BPA orders will be issued, specify Section 508 compliance. New databases will be accessed by users. These databases will be Section 508 compliant and accessible to individuals with disabilities. VA is attuned to meeting the needs of all veterans and the Agency's employees. Specific accessibility adaptations and modifications will be proposed, developed and provided by offerors for specific systems or databases which they propose.

I.C.3) Is there an acquisition plan which has been approved in accordance with agency requirements?

Yes

I.C.3.a) If "yes," what is the date?

Jun 14, 2007

I.C.3.a.1) Is it Current?

I.C.3.b) If "no," will an acquisition plan be developed?

I.C.3.b.1) If "no," briefly explain why: (MEDIUM ANSWER)

PART I - D

PART I: SUMMARY INFORMATION AND JUSTIFICATION

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Section D: Performance Information (All Capital Assets)

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	Baseline	Planned Improvements to the Baseline	Actual Results
2008	[None]	Mission and Business Results	Management Improvement	% of PIV roles staffed with certified personnel	100%	100%	100%
2008	[None]	Customer Results	Service Efficiency	% of Sites Issuing PIV compliant smart cards	0%	65%	TBD
2008	[None]	Processes and Activities	Productivity	PIV self accreditation of processes and C&A of the PIV Infrastructure completed in accordance with standards-based policies	0	50,000	TBD
2008	[None]	Technology	Reliability	# of Applications integrated into PIV solution	0	2	1

2009	[None]	Processes and Activities	Productivity	PIV II self accreditation of processes and C&A of the PIV II Infrastructure completed in accordance with standards-based	Setup certified PIV business process and infrastructure	C&A 100%	
2009	[None]	Customer Results	Service Efficiency	National VA PIV Rollout progress at 100% completion and on schedule	Deployment Schedule	100%	
2009	[None]	Technology	Reliability	Planning and implementation for database access and privacy data storage completed	Integrating with VA Enterprise Data	NA	
2009	[None]	Mission and Business Results	HR Strategy	RMIT roles and business processes are successful for Implementation of PIV processes nationally at 80% completion	RMIT PIV workflow roles for business purposes	NA	
2010	[None]	Mission and Business Results	Information Management	All 201 sites completed within FY 2010	Deployment Schedule	100%	
2010	[None]	Customer Results	Delivery Time	All sites scheduled for 2010 deployment deployed on time	Deployment Schedule	100%	
2010	[None]	Processes and Activities	Productivity	Uptime according to Service Level Agreement	Service Level Agreement	100%	
2010	[None]	Technology	Reliability	# of Applications integrated into PIV solution	2	3	

PART I - F

PART I: SUMMARY INFORMATION AND JUSTIFICATION

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Section F: Enterprise Architecture (EA) (IT Capital Assets only)

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.

I.F.1) Is this investment included in your agency's target enterprise architecture?

Yes

I.F.1.a) If "no," please explain why? (LONG ANSWER)

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. (MEDIUM ANSWER)

This investment is scheduled to be consistent with VA's "to be" modernization blueprint by aligning itself with the appropriate principle components of the One VA Enterprise Architecture goal. The One VA world class service-oriented architecture for veterans and their families provides an enterprise, standards-based infrastructure solution for ensuring secure business transactions and information exchange within the VA.

I.F.2.b) If "no," please explain why? (LONG ANSWER)

I.F.3) Is this investment identified in a completed (contains a target architecture) and approved segment architecture?

No

I.F.3a) If "yes," provide the six digit code corresponding to the agency segment architecture. The segment architecture codes are maintained by the agency Chief Architect.

700-000

Segment Architecture Mapping Reference Table:

BUSINESS SEGMENT NAME	SEGMENT ARCHITECTURE CODE
1) Health Business Segment	100-000
2) Benefits Business Segment	200-000
3) Memorial, Burials & HQ Segment	300-000
4) Material Management Segment	400-000
5) Financial Segment	500-000
6) Human Resources Segment	600-000
7) Security Management Segment	700-000
8) Information Management Segment	800-000
9) Education & Training Segment	900-000

I.F.3) FEA SERVICE REFERENCE MODEL:

I.F.3) 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/>.

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NOTE:

(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 funding level transferred to another agency to pay for the service.*

I.F.4) FEA TECHNICAL REFERENCE MODEL:

I.F.4) To demonstrate how this major IT investment aligns with Reference Model (TRM), please list the Service Areas, Service Specifications supporting this IT investment.

TECHNICAL REFERENCE MODEL TABLE:

	FEA SRM Component (a*)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard
1	NEW	Service Access and Delivery	Access Channels	Collaboration / Communications
2	NEW	Service Access and Delivery	Access Channels	Web Browser
3	NEW	Service Access and Delivery	Delivery Channels	Intranet
4	Access Control	Service Access and Delivery	Delivery Channels	Virtual Private Network (VPN)
5	Access Control	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on
6	Auditing	Service Access and Delivery	Service Requirements	Hosting
7	Identification and Authentication	Service Access and Delivery	Service Requirements	Legislative / Compliance
8	Business Rule Management	Service Access and Delivery	Service Transport	Service Transport
9	Business Rule Management	Service Access and Delivery	Service Transport	Service Transport
10	Auditing	Service Platform and Infrastructure	Database / Storage	Database
11	Auditing	Service Platform and Infrastructure	Database / Storage	Storage
12	Risk Management	Service Platform and Infrastructure	Delivery Servers	Application Servers
13	System Resource Monitoring	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices
14	Data Warehouse	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards
15	Data Integration	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals
16	Software Development	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment
17	Risk Management	Service Platform and Infrastructure	Software Engineering	Test Management
18	Business Rule Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management
19	Business Rule Management	Component Framework	Data Interchange	Data Exchange
20	Activity-Based Management	Component Framework	Data Management	Database Connectivity
21	Business Rule Management	Component Framework	User Presentation / Interface	Content Rendering
22	Forms Creation	Component Framework	User Presentation / Interface	Static Display
23	Data Warehouse	Component Framework	User Presentation / Interface	Dynamic Server-Side Display
24	Business Rule Management	Service Interface and Integration	Integration	Enterprise Application Integration

25	Business Rule Management	Service Interface and Integration	Integration	Middleware
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NOTE:

(a*) - Service Components identified in the previous question(I.F.3) 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.

I.F.5) Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)?

Yes

I.F.5.a) If "yes," please describe. (LONG ANSWER)

The PIV program will leverage existing DoD programs and Federal PKI initiatives including: use of the federal e-authentication gateway DoD common access card infrastructure where appropriate, centralized root certification authority (CA) based on a standard Federal certificate policy and VA specific, and Certificate Practice Statement Subordinate CAs provided by government or outsourced to commercial service providers. The Federal Bridge CA (certificate authority) will be used for cross-certification DOJ CAS for fingerprint adjudication.

PART II - B

PART II: PLANNING, ACQUISITION AND PERFORMANCE INFORMATION

Part II should be completed only for investments which in FY2008 will be in "Planning" or "Full Acquisition," investments, i.e., selected one of these three choices in response to Question 6 in Part I, Section A above.

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Section B - RISK MANAGEMENT (All Capital Assets)

II.B.1) Does the investment have a Risk Management Plan?

Yes

II.B.1.a) If "yes," what is the date of the plan?

Jul 31, 2007

II.B.1.b) Has the Risk Management Plan been significantly changed since last year's submission to OMB?

No

II.B.1.c) If "yes," describe any significant changes: (LONG ANSWER)

II.B.2) If there currently is no plan, will a plan be developed?

II.B.2.a) If "yes," what is the planned completion date?

II.B.2.b) If "no," what is the strategy for managing the risks? (LONG ANSWER)

II.B.3) Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule: (LONG ANSWER)

There are a few types of investment risk that are reflected within VA's life cycle cost estimate and investment schedule. The first type is associated with the type of resources and services that support the PIV system. This risk has been significantly reduced by the requirement that PIV systems must incorporate 21 components on the GSA Approved Products List (APL). The purpose of GSA's APL is to ensure agencies and department's implement a PIV system that meets stringent NIST and GSA operating and interoperability standards. The second type of investment risk is associated with the capabilities of the components that are not listed on the APL. Key among these components is a card management system (CMS) and VA's identity and access management (IAM) solution. The investment risk associated with these two components has been adequately mitigated by VA's earlier efforts to develop and implement a smart card system. Both investments were successfully integrated within VA's AAIP baseline. VA has since transitioned the use of the non-APL components into the system baseline. A third type of investment risk is related to equipment turnover rates. There are two aspects associated with turnover that VA has effectively mitigated. The first aspect relates to the procurement of site equipment. Rather than purchase all the equipment up front to support the OMB approved 30 month deployment, VA will coordinate procurements to support the deployment schedule. This strategy eliminates the potential for installing outdated equipment. The second relates the to individual component's useful life. VA factored the procurement of replacement components into the lifecycle budget estimate. Replacement values were based on projected useful life cycle estimates for the individual components and guidance from GSA. A fourth type of investment risk is related to the anticipated expansion of the system's operational capability. VA identified that the system should be expanded to manage identities throughout the enterprise. Enterprise management requires the ability to provision/deprovision among authoritative data sources and extend the utility of access management. As such, VA defined four baseline versions that will progressively lead to the full use of an IAM solution. This forward thinking approach will enable VA to significantly reduce the costs and increase the ROI.

PART II - C

Part II: Planning, Acquisition And Performance Information

