

Exhibit 300: Capital Asset Plan and Business Case Summary**Part I: Summary Information And Justification (All Capital Assets)****Section A: Overview (All Capital Assets)**

- | | |
|---|--|
| 1. Date of Submission: | 8/17/2007 |
| 2. Agency: | Department of Justice |
| 3. Bureau: | Federal Bureau Of Investigation |
| 4. Name of this Capital Asset: | FBI Next Generation Identification (NGI) |
| 5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.) | 011-10-01-04-01-3199-00 |
| 6. What kind of investment will this be in FY2009? (Please NOTE: Investments moving to O&M in FY2009, with Planning/Acquisition activities prior to FY2009 should not select O&M. These investments should indicate their current status.) | Mixed Life Cycle |
| 7. What was the first budget year this investment was submitted to OMB? | FY2009 |
| 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: | |
| <p>The NGI supports the FBI's CJIS Division mission to reduce terrorist and criminal activities by providing timely, relevant criminal justice information to the law enforcement community. NGI supports various laws enacted to ensure the FBI biometric systems are able to seamlessly share data that is complete, accurate, current, and timely. Today, the FBI's CJIS Division operates and maintains the Integrated Automated Fingerprint Identification System (IAFIS), one of the largest repositories of biometric-supported Criminal History Record Information (CHRI) in the world. The IAFIS provides electronic identification and criminal history services in support of more than 82,000 criminal justice agencies, authorized civil agencies, and international organizations. To ensure the integrity and quality of the services provided to the IAFIS customers, the IAFIS must be enhanced to take advantage of advances in filtering, feature extraction, and matching algorithms. IAFIS capabilities will be replaced or upgraded with new functionalities and state-of-the-art equipment with flexible, scalable architecture to support multimodal service oriented framework. NGI is expected to be scaleable to accommodate five times the current workload volume with no increase in support manpower; it will be flexible to respond to changing requirements.</p> | |
| 9. Did the Agency's Executive/Investment Committee approve this request? | Yes |
| a. If "yes," what was the date of this approval? | 5/18/2007 |
| 10. Did the Project Manager review this Exhibit? | Yes |
| 11. Contact information of Project Manager? | |
| Name | Chris A. Young |
| Phone Number | 304-625-2712 |
| Email | cyoung4@leo.gov |
| a. What is the current FAC-P/PM certification level of the project/program manager? | TBD |
| 12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project? | No |
| a. Will this investment include electronic assets (including computers)? | No |
| b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only) | No |
| 1. If "yes," is an ESPC or UESC being used to help fund this investment? | |
| 2. If "yes," will this investment meet sustainable design principles? | |
| 3. If "yes," is it designed to be 30% more energy efficient than relevant code? | |

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

13. Does this investment directly support one of the PMA initiatives? Yes
- If "yes," check all that apply: Expanded E-Government
- a. 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?) The NGI initiatives will allow the FBI to provide new services to state, local, and federal partners that supports the President's Management Agenda for electronic government. The FBI has worked with these partnering agencies through collaborative meetings such as the NGI workshop, Advisory Policy Board (APB) Working Group meetings, Compact Council, and the IAFIS Interface Evaluation Task Force (IETF) meetings to identify new service requirements.
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.) Yes
- a. If "yes," does this investment address a weakness found during a PART review? No
- b. If "yes," what is the name of the PARTed program? Criminal Justice Services
- c. If "yes," what rating did the PART receive? Moderately Effective
15. Is this investment for information technology? Yes
- If the answer to Question 15 is "Yes," complete questions 16-23 below. If the answer is "No," do not answer questions 16-23.
- For information technology investments only:
16. What is the level of the IT Project? (per CIO Council PM Guidance) Level 2
17. 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
18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4 - FY 2007 agency high risk report (per OMB Memorandum M-05-23) Yes
19. Is this a financial management system? No
- a. If "yes," does this investment address a FFIA compliance area?
1. If "yes," which compliance area:
2. If "no," what does it address?
- 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
20. What is the percentage breakout for the total FY2009 funding request for the following? (This should total 100%)
- | | |
|----------|----|
| Hardware | 42 |
| Software | 5 |
| Services | 14 |
| Other | 39 |
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
22. Contact information of individual responsible for privacy related questions:
- | | |
|--------------|--|
| Name | David C. Larson |
| Phone Number | 202-324-1691 |
| Title | Acting FBI Privacy & Civil Liberties Officer |
| E-mail | David.Larson@ic.fbi.gov |
23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval? Yes

Question 24 must be answered by all Investments:

24. Does this investment directly support one of the GAO High Risk Areas? Yes

Section B: Summary of Spending (All Capital Assets)

1. 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.

Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS)									
(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)									
	PY-1 and earlier	PY 2007	CY 2008	BY 2009	BY+1 2010	BY+2 2011	BY+3 2012	BY+4 and beyond	Total
Planning:	34.202	10.796	2.323	2.393					
Acquisition:	745.471	92.798	87.204	92.009					
Subtotal Planning & Acquisition:	779.673	103.594	89.527	94.402					
Operations & Maintenance:	157.185	18.564	30.082	32.261					
TOTAL:	936.858	122.158	119.609	126.663					
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	717.023	70.588	72.229	73.908					
Number of FTE represented by Costs:	12324	1250	1250	1250					

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.

2. Will this project require the agency to hire additional FTE's? No

a. If "yes," How many and in what year?

3. If the summary of spending has changed from the FY2008 President's budget request, briefly explain those changes:
 The Summary of Spending chart provided above reflects the consolidation of the IAFIS and NGI Exhibit 300s. The NGI portion of the Summary of Spending chart provided above includes the following changes and the following assumptions from the chart submitted within the FY 2008 President's budget: (1) Includes obligations for FY 2006 (2) Includes current and planned budget authority for FY 2007 and FY 2008. (3) Assumes recurrel of the FY 2007 appropriations (4) Includes budget estimates from the NGI Life Cycle Cost Model for FY 2009. (5) Assumes approval to carry FY 2007 Appropriation into FY 2008 via a two year account.

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

1. 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.

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

Contracts/Task Orders Table:																* Costs in millions
Contract or Task Order Number	Type of Contract/ Task Order	Has the contract been awarded (Y/N)	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 (\$M)	Is this an Interagency Acquisition ? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact information (phone/email)	Contracting Officer Certification Level (Level 1,2,3,N/A)	If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition ? (Y/N)
(NGI) DJJ-05-C-1114 WPR 25 Task Order DOJ ITSS-3	Time and Materials	Yes	1/23/2006	10/1/2006	9/30/2007	6.009	Yes	No	No	NA	Yes	Yes	Barbara Rogers	304-625-5061 /	Level 1	Yes
(NGI) Development Contract TBD	Performance Based	No	1/30/2008													
(IAFIS) GS-09F-00562 TRP	TRP is a Cost Reimbursement with an Award Fee; O&M is a Time and Materials effort	Yes	8/15/2002	8/15/2002	8/14/2007	161	No	Yes	Yes	NA	Yes	Yes	Linda Patterson	304-625-5537 /	Level 1	Yes
(IAFIS) V797(049A3G)P-070	TRDP is a T&M contract and O&M is a Cost Reimbursement	Yes	6/30/2005	6/30/2005	9/30/2011		No	No		NA	Yes	Yes	Linda Patterson	304-625-5537 /	Level 1	Yes
(IAFIS) W91Q4204D0004 Maintenance Agreement Support Procurement	Cost Plus Incentive Fee	Yes	10/1/2005	10/1/2005	9/30/2011		No	No		NA	No	Yes	Ria Sliger	304-625-4142 /	Level 1	Yes
(IAFIS) ISS: DJJ05C114	Time and Materials	Yes	8/1/2005	8/1/2005	9/30/2011		Yes	No		NA	Yes	Yes	Barb Rogers	304-625-5061 /	Level 1	Yes

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:

The IAFIS contract W91Q4204D0004 does not require EVM because it is an O&M contract.

3. Do the contracts ensure Section 508 compliance? Yes

a. Explain why:

The FBI requires contractors to comply with Federal Law regarding Section 508 of the Rehabilitation Act to ensure the FBI develops, procures, maintains, and uses electronic information technology that allows federal employees with disabilities to have access to use information and data. The COTR or the program manager of the contract verify in writing that the contractor is either 508 compliant or document the specific reason for which compliance is waived or not required.

4. Is there an acquisition plan which has been approved in accordance with agency requirements? Yes

a. If "yes," what is the date?

4/13/2007

b. If "no," will an acquisition plan be developed?

1. If "no," briefly explain why:

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 or qualitative 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 FY 2009.

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2006	Ensure the Fair and Efficient Operation of the Federal Justice System	Customer Results	Timeliness and Responsiveness	Response Time	IAFIS Processing Capability and Response Time			
2006	Prevent Crime, Enforce Federal Laws, and Represent the Rights and Interests of the American People	Mission and Business Results	Law Enforcement	Citizen Protection	Number of Transactions and Response Time for IAFIS Fast Response to searches against the Repository for Individuals of Special Concern (RISC) containing the Known or Suspected Terrorists and the Wanted Persons Database			
2006	Ensure the Fair and Efficient Operation of the Federal Justice System	Processes and Activities	Productivity and Efficiency	Efficiency	Percentage number of all ten print transactions that require a Service Provider to conduct a Manual Quality Check process			

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2006	Prevent Terrorism and Promote the Nation's Security	Technology	Information and Data	External Data Sharing	Redesign the IAFIS Repository to include Multimodal Repositories - Iris features will be enrolled in the repository designated by the contributor			
2007	Ensure the Fair and Efficient Operation of the Federal Justice System	Customer Results	Timeliness and Responsiveness	Response Time	IAFIS Processing Capability and Response Time			
2007	Prevent Crime, Enforce Federal Laws, and Represent the Rights and Interests of the American People	Mission and Business Results	Law Enforcement	Citizen Protection	Number of Transactions and Response Time for IAFIS Fast Response to searches against the Repository for Individuals of Special Concern (RISC) containing the Known or Suspected Terrorists and the Wanted Persons Database			
2007	Ensure the Fair and Efficient Operation of the Federal Justice System	Processes and Activities	Productivity and Efficiency	Efficiency	Percentage number of all ten print transactions that require a Service Provider to conduct a Manual Quality Check process			
2007	Prevent Terrorism and Promote the Nation's Security	Technology	Information and Data	External Data Sharing	Redesign the IAFIS Repository to include Multimodal Repositories - Iris features will be enrolled in the repository designated by the contributor			
2008	Ensure the Fair and Efficient Operation of the Federal Justice System	Customer Results	Timeliness and Responsiveness	Response Time	IAFIS Processing Capability and Response Time			
2008	Prevent Crime, Enforce Federal Laws, and Represent the Rights and Interests of the American People	Mission and Business Results	Law Enforcement	Citizen Protection	Number of Transactions and Response Time for IAFIS Fast Response to searches against the Repository for Individuals of Special Concern (RISC) containing the Known or Suspected Terrorists and the Wanted Persons Database			
2008	Ensure the Fair and Efficient Operation of the Federal Justice System	Processes and Activities	Productivity and Efficiency	Efficiency	Percentage number of all ten print transactions that require a Service Provider to conduct a Manual Quality Check process			

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2008	Prevent Terrorism and Promote the Nation's Security	Technology	Information and Data	External Data Sharing	Redesign the IAFIS Repository to include Multimodal Repositories - Iris features will be enrolled in the repository designated by the contributor			
2009	Ensure the Fair and Efficient Operation of the Federal Justice System	Customer Results	Timeliness and Responsiveness	Response Time	IAFIS Processing Capability and Response Time			
2009	Prevent Crime, Enforce Federal Laws, and Represent the Rights and Interests of the American People	Mission and Business Results	Law Enforcement	Citizen Protection	Number of Transactions and Response Time for IAFIS Fast Response to searches against the Repository for Individuals of Special Concern (RISC) containing the Known or Suspected Terrorists and the Wanted Persons Database			
2009	Ensure the Fair and Efficient Operation of the Federal Justice System	Processes and Activities	Productivity and Efficiency	Efficiency	Percentage number of all ten print transactions that require a Service Provider to conduct a Manual Quality Check process			
2009	Prevent Terrorism and Promote the Nation's Security	Technology	Information and Data	External Data Sharing	Redesign the IAFIS Repository to include Multimodal Repositories - Iris features will be enrolled in the repository designated by the contributor			
2010	Ensure the Fair and Efficient Operation of the Federal Justice System	Customer Results	Timeliness and Responsiveness	Response Time	IAFIS Processing Capability and Response Time of the IAFIS			
2010	Prevent Crime, Enforce Federal Laws, and Represent the Rights and Interests of the American People	Mission and Business Results	Law Enforcement	Citizen Protection	Number of Transactions and Response Time for IAFIS Fast Response to searches against the Repository for Individuals of Special Concern (RISC) containing the Known or Suspected Terrorists and the Wanted Persons Database			
2010	Ensure the Fair and Efficient Operation of the Federal Justice System	Processes and Activities	Productivity and Efficiency	Efficiency	Percentage number of all ten print transactions that require a Service Provider to conduct a Manual Quality Check process			

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2010	Prevent Terrorism and Promote the Nation's Security	Technology	Information and Data	External Data Sharing	Redesign the IAFIS Repository to include Multimodal Repositories - Iris features will be enrolled in the repository designated by the contributor			
2011	Ensure the Fair and Efficient Operation of the Federal Justice System	Customer Results	Timeliness and Responsiveness	Response Time	IAFIS processing Capability and Response Time			
2011	Prevent Crime, Enforce Federal Laws, and Represent the Rights and Interests of the American People	Mission and Business Results	Law Enforcement	Citizen Protection	Number of Transactions and Response Time for IAFIS Fast Response to searches against the Repository for Individuals of Special Concern (RISC) containing the Known or Suspected Terrorists and the Wanted Persons Database			
2011	Ensure the Fair and Efficient Operation of the Federal Justice System	Processes and Activities	Productivity and Efficiency	Efficiency	Percentage number of all ten print transactions that require a Service Provider to conduct a Manual Quality Check process			
2011	Prevent Terrorism and Promote the Nation's Security	Technology	Information and Data	External Data Sharing	Redesign the IAFIS Repository to include Multimodal Repositories - Iris features will be enrolled in the repository designated by the contributor			
2012	Ensure the Fair and Efficient Operation of the Federal Justice System	Customer Results	Timeliness and Responsiveness	Response Time	IAFIS Processing Capability is 160,000 per day with a 2-hour Response Time for 95% of electronic routine criminal fingerprint transactions and 24 hours response time for 99% of civil fingerprint transactions			
2012	Prevent Crime, Enforce Federal Laws, and Represent the Rights and Interests of the American People	Mission and Business Results	Law Enforcement	Citizen Protection	Number of Transactions and Response Time for IAFIS Fast Response to searches against the Repository for Individuals of Special Concern (RISC) containing the Known or Suspected Terrorists and the Wanted Persons Database			

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

Performance Information Table								
Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2012	Ensure the Fair and Efficient Operation of the Federal Justice System	Processes and Activities	Productivity and Efficiency	Efficiency	Percentage number of all ten print transactions that require a Service Provider to conduct a Manual Quality Check process			
2012	Prevent Terrorism and Promote the Nation's Security	Technology	Information and Data	External Data Sharing	Redesign the IAFIS Repository to include Multimodal Repositories - Iris features will be enrolled in the repository designated by the contributor			
2013	Ensure the Fair and Efficient Operation of the Federal Justice System	Customer Results	Timeliness and Responsiveness	Response Time	IAFIS Processing Capability is 160,000 per day with a 2-hour Response Time for 95% of electronic routine criminal fingerprint transactions and 24 hour response time for 99% of civil fingerprint transactions			
2013	Prevent Crime, Enforce Federal Laws, and Represent the Rights and Interests of the American People	Mission and Business Results	Law Enforcement	Citizen Protection	Number of Transactions and Response Time for IAFIS Fast Response to searches against the Repository for Individuals of Special Concern (RISC) containing the Known or Suspected Terrorists and the Wanted Persons Database			
2013	Ensure the Fair and Efficient Operation of the Federal Justice System	Processes and Activities	Productivity and Efficiency	Efficiency	Percentage number of all ten print transactions that require a Service Provider to conduct a Manual Quality Check process			
2013	Prevent Terrorism and Promote the Nation's Security	Technology	Information and Data	External Data Sharing	Redesign the IAFIS Repository to include Multimodal Repositories - Iris features will be enrolled in the repository designated by the contributor			

Section E: Security and Privacy (IT Capital Assets only)

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).

For existing Mixed-Life Cycle investments where enhancement, development, and/or modernization is planned, include the investment in both the "Systems in Planning" table (Table 3) and the "Operational Systems" table (Table 4). Systems which are

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

already operational, but have enhancement, development, and/or modernization activity, should be included in both Table 3 and Table 4. Table 3 should reflect the planned date for the system changes to be complete and operational, and the planned date for the associated C&A update. Table 4 should reflect the current status of the requirements listed. In this context, information contained within Table 3 should characterize what updates to testing and documentation will occur before implementing the enhancements; and Table 4 should characterize the current state of the materials associated with the existing system.

All systems listed in the two security tables should be identified in the privacy table. The list of systems in the "Name of System" column of the privacy table (Table 8) should match the systems listed in columns titled "Name of System" in the security tables (Tables 3 and 4). For the Privacy table, it is possible that there may not be a one-to-one ratio between the list of systems and the related privacy documents. For example, one PIA could cover multiple systems. If this is the case, a working link to the PIA may be listed in column (d) of the privacy table more than once (for each system covered by the PIA).

The questions asking whether there is a PIA which covers the system and whether a SORN is required for the system are discrete from the narrative fields. The narrative column provides an opportunity for free text explanation why a working link is not provided. For example, a SORN may be required for the system, but the system is not yet operational. In this circumstance, answer "yes" for column (e) and in the narrative in column (f), explain that because the system is not operational the SORN is not yet required to be published.

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

1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment:

a. If "yes," provide the "Percentage IT Security" for the budget year:

2. 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.

3. Systems in Planning and Undergoing Enhancement(s), Development, and/or Modernization - Security Table(s):			
Name of System	Agency/ or Contractor Operated System?	Planned Operational Date	Date of Planned C&A update (for existing mixed life cycle systems) or Planned Completion Date (for new systems)
NGI	Government Only	9/30/2009	8/31/2009

4. Operational Systems - Security Table:						
Name of System	Agency/ or Contractor Operated System?	Has C&A been Completed, using NIST 800-37? (Y/N)	Date Completed: C&A	What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, NIST 800-26, Other, N/A)	Date Complete(d): Security Control Testing	Date the contingency plan tested
IAFIS	Government Only	Yes	10/30/2006	FIPS 200 / NIST 800-53	6/28/2007	6/1/2007

5. 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?

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

6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses?

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

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

8. Planning & Operational Systems - Privacy Table:					
(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
IAFIS	Yes	No	Two PIAs covering this system will be completed shortly, based on conclusions reached in a completed Privacy Threshold Analysis.	Yes	FBI-009; http://www.usdoj.gov/jm/d/privacyact.html

8. Planning & Operational Systems - Privacy Table:					
(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
Details for Text Options:					
Column (d): If yes to (c), provide the link(s) to the publicly posted PIA(s) with which this system is associated. If no to (c), provide an explanation why the PIA has not been publicly posted or why the PIA has not been conducted.					
Column (f): If yes to (e), provide the link(s) to where the current and up to date SORN(s) is published in the federal register. If no to (e), provide an explanation why the SORN has not been published or why there isn't a current and up to date SORN.					
Note: Working links must be provided to specific documents not general privacy websites. Non-working links will be considered as a blank field.					

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

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.

1. Is this investment included in your agency's target enterprise architecture? Yes
 - a. If "no," please explain why?

2. Is this investment included in the agency's EA Transition Strategy? Yes
 - a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment. Integrated Automated Fingerprint Identification System (IAFIS) / Next Generation Identification (NGI)
 - b. If "no," please explain why?

3. Is this investment identified in a completed (contains a target architecture) and approved segment architecture? Yes
 - a. If "yes," provide the name of the segment architecture as JIS (Justice Information Services) provided in the agency's most recent annual EA Assessment.

4. Service Component Reference Model (SRM) Table:								
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 .								
Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
Information Exchange	Defines the set of capabilities that support the interchange of information between multiple systems or applications	Back Office Services	Data Management	Data Exchange			No Reuse	2
Data Recovery	Supports the restoration and stabilization of data sets to a consistent desired state	Back Office Services	Data Management	Data Recovery			No Reuse	2
Data Processing	Support retrieval of records that satisfy specific query	Back Office Services	Data Management	Extraction and Transformation			No Reuse	2
Extraction and Transformation	Supports the manipulation and change of data	Back Office Services	Data Management	Extraction and Transformation			No Reuse	2
Data Processing	Support retrieval of records that satisfy specific query	Back Office Services	Data Management	Loading and Archiving			No Reuse	2
Data Integration	Support the organization of data from separate data	Back Office Services	Development and Integration	Data Integration			No Reuse	2

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

4. Service Component Reference Model (SRM) Table: 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 .								
Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
	sources into a single source using middleware or application integration as well as the modification of system data models to capture new information within a single system							
Legacy Integration	Support the communication between newer generation hardware/software applications and the previous, major generation of hardware/software applications	Back Office Services	Development and Integration	Legacy Integration			No Reuse	2
Software Development	Support the creation of both graphical and process application or system software	Back Office Services	Development and Integration	Software Development			No Reuse	34
Information Access	Defines the set of capabilities to support mission information sharing	Business Analytical Services	Reporting	Standardized / Canned			No Reuse	2
Information Exchange	Defines the set of capabilities that support the interchange of information between multiple systems or applications	Business Analytical Services	Reporting	Standardized / Canned			No Reuse	2
Performance Management	Defines the set of capabilities for measuring the effectiveness of an organization's financial assets and capital	Business Management Services	Investment Management	Performance Management			No Reuse	2
Business Rules Management	Defines the set of capabilities that support the management of the enterprise processes that support an organization and its policies	Business Management Services	Management of Processes	Business Rule Management			No Reuse	2
Requirements Management	Defines the set of capabilities for gathering, analyzing and fulfilling the needs and prerequisites of an organization's efforts	Business Management Services	Management of Processes	Requirements Management			No Reuse	2
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; includes risk assessment and risk mitigation	Business Management Services	Management of Processes	Risk Management			No Reuse	2

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

4. Service Component Reference Model (SRM) Table:								
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 .								
Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
Information Mapping / Taxonomy	Defines the set of capabilities that support the creation and maintenance of relationships between data entities, naming standards and categorization	Digital Asset Services	Knowledge Management	Information Mapping / Taxonomy			No Reuse	2
Information Retrieval	Allows access to data and information for use by an organization and its stakeholders	Digital Asset Services	Knowledge Management	Information Retrieval			No Reuse	2
Information Sharing	Supports the use of documents and data in a multi-user environment for use by an organization and its stakeholders	Digital Asset Services	Knowledge Management	Information Sharing			No Reuse	2
Knowledge Capture	Defines the set of capabilities that facilitate collection of data and information	Digital Asset Services	Knowledge Management	Knowledge Capture			No Reuse	2
Knowledge Distribution and Delivery	Defines the set of capabilities that support the transfer of knowledge to the end customer	Digital Asset Services	Knowledge Management	Knowledge Distribution and Delivery			No Reuse	2
Record Linking / Association	Defines the set of capabilities that support the correlation between logical data and information sets	Digital Asset Services	Records Management	Record Linking / Association			No Reuse	2
Process Tracking	Allows the monitoring of activities within the business cycle	Process Automation Services	Tracking and Workflow	Process Tracking			No Reuse	2
Classification	Supports the selection and retrieval of records organized by shared characteristics in content or context	Support Services	Search	Classification			No Reuse	2
Data Processing	Support retrieval of records that satisfy specific query	Support Services	Search	Classification			No Reuse	2
Data Processing	Support retrieval of records that satisfy specific query	Support Services	Search	Pattern Matching			No Reuse	2
Pattern Matching	Supports the retrieval of records generated from a data source by imputing characteristics based on patterns in content or context	Support Services	Search	Pattern Matching			No Reuse	2
Data Processing	Support retrieval of records that satisfy specific query	Support Services	Search	Query			No Reuse	2

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

4. Service Component Reference Model (SRM) Table: 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 .								
Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
Query	Supports the retrieval of records that satisfy a specific query selection criteria	Support Services	Search	Query			No Reuse	2
Access Control	Supports the management of permissions for logging onto a computer, application, service, or network; includes user management and role/privilege management	Support Services	Security Management	Access Control			No Reuse	2
Access Provisioning and Authorization	Defines the set of capabilities that support the administration and management of the access rights/privileges	Support Services	Security Management	Access Control			No Reuse	2
Audit Trail Capture and Analysis	Support the identification and monitoring of activities within an application, system, or network	Support Services	Security Management	Audit Trail Capture and Analysis			No Reuse	2
Security Auditing	Defines the set of capabilities that support logging/summarizing significant authentication and authorization events and changes to identity objects	Support Services	Security Management	Audit Trail Capture and Analysis			No Reuse	2
Access Authentication	Defines the set of capabilities that support the validation of a user's credential facilities or systems	Support Services	Security Management	Identification and Authentication			No Reuse	2
Identification and Authentication	Supports obtaining information about those parties attempting to log onto a system or application for security purposes and the validation of those users	Support Services	Security Management	Identification and Authentication			No Reuse	2
Intrusion Detection	Support the detection of unauthorized access to a government information system	Support Services	Security Management	Intrusion Detection			No Reuse	2

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

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

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 the column can, but are not required to, add up to 100%.

5. Technical Reference Model (TRM) Table:
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.

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)
Software Development	Component Framework	Business Logic	Platform Independent	Altova XML Spy 2006
Information Retrieval	Component Framework	Business Logic	Platform Independent	Aware WSQ NIST V.2.35 (64 bit)
Information Sharing	Component Framework	Business Logic	Platform Independent	Aware WSQ NIST V.2.35 (64 bit)
Software Development	Component Framework	Business Logic	Platform Independent	HP C/ANSI C Developers Bundle
Software Development	Component Framework	Business Logic	Platform Independent	HP Development Kit for Java Version C.01.18.04
Software Development	Component Framework	Business Logic	Platform Independent	OpenSource PERL 5.0
Software Development	Component Framework	Business Logic	Platform Independent	SCI Tools Understand for C
Extraction and Transformation	Component Framework	Data Interchange	Data Exchange	Extensible Markup Language (XML)
Data Exchange	Component Framework	Data Interchange	Data Exchange	Simple Object Access Protocol (SOAP)
Standardized / Canned	Component Framework	Data Interchange	Data Exchange	TBD
Audit Trail Capture and Analysis	Component Framework	Data Management	Reporting and Analysis	TBD
Knowledge Capture	Component Framework	Data Management	Reporting and Analysis	TBD
Query	Component Framework	Data Management	Reporting and Analysis	TBD
Standardized / Canned	Component Framework	Data Management	Reporting and Analysis	TBD
Information Retrieval	Component Framework	Presentation / Interface	Content Rendering	HP Compaq D220
Information Retrieval	Component Framework	Presentation / Interface	Content Rendering	HP Compaq Thin Client t5000 series
Software Development	Component Framework	Presentation / Interface	Static Display	HTML [HP-UX 11i]
Standardized / Canned	Component Framework	Presentation / Interface	Static Display	TBD
Access Control	Component Framework	Security	Supporting Security Services	CISCO Switches and Routers
Access Control	Component Framework	Security	Supporting Security Services	Firewalls, vender Techpoint
Information Retrieval	Component Framework	Security	Supporting Security Services	HP A500 Server
Access Control	Component Framework	Security	Supporting Security Services	Secure Shell (SSH)
Identification and Authentication	Component Framework	Security	Supporting Security Services	Secure Shell (SSH) [HP-UX 11i]
Intrusion Detection	Component Framework	Security	Supporting Security Services	TBD
Information Retrieval	Service Access and Delivery	Access Channels	Collaboration / Communications	Email [HP OpenMail Client version B.04.20.00]
Information Retrieval	Service Access and Delivery	Access Channels	Collaboration / Communications	Open Source Jabber
Knowledge Distribution and Delivery	Service Access and Delivery	Access Channels	Web Browser	
Audit Trail Capture and Analysis	Service Access and Delivery	Service Requirements	Legislative / Compliance	Security
Data Exchange	Service Access and Delivery	Service Requirements	Legislative / Compliance	Security
Information Retrieval	Service Access and Delivery	Service Transport	Service Transport	IMAP/POP3 [HP-UX 11i]
Information Sharing	Service Access and Delivery	Service Transport	Service Transport	Internet Message Access Protocol/ Post Office Protocol
Information Retrieval	Service Access and Delivery	Service Transport	Service Transport	LDAP [HP-UX 11i]
Information Sharing	Service Access and Delivery	Service Transport	Service Transport	Lightweight Directory Access Protocol
Information Sharing	Service Access and Delivery	Service Transport	Service Transport	TCP/IP
Information Retrieval	Service Access and Delivery	Service Transport	Service Transport	TCP/IP [HP-UX 11i and Cisco IOS 12.4]
Information Mapping / Taxonomy	Service Access and Delivery	Service Transport	Supporting Network Services	Domain Name System (DNS) [HP-UX 11i]
Information Sharing	Service Access and Delivery	Service Transport	Supporting Network Services	Simple Mail Transfer Protocol
Information Sharing	Service Access and Delivery	Service Transport	Supporting Network Services	Simple Network Management protocol
Information Retrieval	Service Access and Delivery	Service Transport	Supporting Network Services	SMTP [HP-UX 11i and Cisco IOS 12.4]
Information Retrieval	Service Access and Delivery	Service Transport	Supporting Network Services	SNMP [HP-UX 11i and Cisco IOS 12.4]
Extraction and Transformation	Service Interface and	Integration	Enterprise Application	Application Connectivity

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

5. Technical Reference Model (TRM) Table:				
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.				
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)
	Integration		Integration	
Access Control	Service Interface and Integration	Integration	Enterprise Application Integration	Business Process Management
Data Exchange	Service Interface and Integration	Integration	Enterprise Application Integration	Business Process Management
Extraction and Transformation	Service Interface and Integration	Integration	Enterprise Application Integration	Business Process Management
Extraction and Transformation	Service Interface and Integration	Integration	Enterprise Application Integration	Business Process Management
Identification and Authentication	Service Interface and Integration	Integration	Enterprise Application Integration	Business Process Management
Process Tracking	Service Interface and Integration	Integration	Enterprise Application Integration	Business Process Management
Data Exchange	Service Interface and Integration	Integration	Enterprise Application Integration	Transformation and Formatting
Data Integration	Service Interface and Integration	Integration	Enterprise Application Integration	Transformation and Formatting
Extraction and Transformation	Service Interface and Integration	Integration	Enterprise Application Integration	Transformation and Formatting
Extraction and Transformation	Service Interface and Integration	Integration	Enterprise Application Integration	Transformation and Formatting
Information Mapping / Taxonomy	Service Interface and Integration	Integration	Enterprise Application Integration	Transformation and Formatting
Legacy Integration	Service Interface and Integration	Integration	Enterprise Application Integration	Transformation and Formatting
Information Retrieval	Service Interface and Integration	Integration	Middleware	BEA Tuxedo 8.0
Information Sharing	Service Interface and Integration	Integration	Middleware	BEA Tuxedo 8.0
Information Sharing	Service Interface and Integration	Integration	Middleware	Remote Procedure Call (RPC)
Information Retrieval	Service Interface and Integration	Integration	Middleware	Remote Procedure Call (RPC) [HP-UX 11i] [BEA Tuxedo 8.0]
Information Retrieval	Service Interface and Integration	Integration	Middleware	Workhorse and Workhorse Client Version 5.2b
Information Sharing	Service Interface and Integration	Integration	Middleware	Workhorse and Workhorse Client Version 5.2b
Information Retrieval	Service Interface and Integration	Interface	Service Description / Interface	APIs and FBI Developed Software
Information Sharing	Service Interface and Integration	Interface	Service Description / Interface	APIs and FBI Developed Software
Data Exchange	Service Interface and Integration	Interface	Service Description / Interface	Web Service Description Language (WSDL)
Data Exchange	Service Interface and Integration	Interoperability	Data Format / Classification	Extensible Markup Language (XML)
Data Integration	Service Interface and Integration	Interoperability	Data Format / Classification	Extensible Markup Language (XML)
Classification	Service Interface and Integration	Interoperability	Data Format / Classification	TBD
Information Sharing	Service Interface and Integration	Interoperability	Data Format / Classification	TBD
Information Sharing	Service Interface and Integration	Interoperability	Data Format / Classification	TBD
Extraction and Transformation	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Information Sharing	Service Interface and Integration	Interoperability	Data Format / Classification	XML
Knowledge Distribution and Delivery	Service Interface and Integration	Interoperability	Data Format / Classification	XML [HP-UX 11i]
Extraction and Transformation	Service Interface and Integration	Interoperability	Data Transformation	TBD
Data Exchange	Service Interface and Integration	Interoperability	Data Types / Validation	XML Schema
Data Integration	Service Interface and Integration	Interoperability	Data Types / Validation	XML Schema
Extraction and Transformation	Service Interface and Integration	Interoperability	Data Types / Validation	XML Schema
Information Retrieval	Service Platform and Infrastructure	Database / Storage	Database	Oracle Partitioning 9i/10g
Information Sharing	Service Platform and Infrastructure	Database / Storage	Database	Oracle Partitioning 9i/10g
Data Recovery	Service Platform and	Database / Storage	Database	Oracle RMAN 9i

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

5. Technical Reference Model (TRM) Table:				
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.				
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)
	Infrastructure			
Knowledge Capture	Service Platform and Infrastructure	Database / Storage	Database	Oracle's 9i Real Application Clusters
Information Retrieval	Service Platform and Infrastructure	Database / Storage	Storage	Brocade 12000-switched SAN
Information Sharing	Service Platform and Infrastructure	Database / Storage	Storage	Brocade 12000-switched SAN
Information Retrieval	Service Platform and Infrastructure	Database / Storage	Storage	Network File System [HP-UX 11i]
Information Retrieval	Service Platform and Infrastructure	Delivery Servers	Application Servers	Oracle Application Server Enterprise Edition Version 9i
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	LSI Hard Disk Drive 4600 and 5600
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	LSI RAID 4400
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	RAM [HP SD32000]
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Cisco 4501
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Cisco 6509
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Cisco 6513
Information Sharing	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Cisco 6513
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Cisco IOS 12.4
Information Sharing	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Cisco IOS 12.4
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Cisco IOS 12.4]]
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Fibre Channel Protocol [HP-UX 11i Cisco IOS 12.4]]
Information Sharing	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Gigabit Ethernet
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	Gigabit Ethernet [HP-UX 11i Cisco IOS 12.4]
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	HP Netserver LH 3/LH 3
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	HP SD32000's Network Interface Card
Information Sharing	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Blade servers, vender TBD
Access Control	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Data Exchange	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Extraction and Transformation	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Intrusion Detection	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Knowledge Capture	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Loading and Archiving	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Pattern Matching	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Performance Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Process Tracking	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Query	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Record Linking / Association	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Risk Management	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Enterprise Server
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	HP 9000 "D" class
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	HP 9000 "K" class
Information Retrieval	Service Platform and	Hardware / Infrastructure	Servers / Computers	HP 9000 rp3440

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

5. Technical Reference Model (TRM) Table:				
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.				
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)
	Infrastructure			
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	HP 9000 rp7400
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	HP 9000 Superdome
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	HP D250/2 server
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	HP Integrity Superdome SX1000
Software Development	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	HP rp3440
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	HP Server rp2470
Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	HP Server rp5470
Pattern Matching	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment	TBD
Business Rule Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Change Management
Requirements Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Change Management
Information Sharing	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	IBM Rational ClearCase 3.2
Software Development	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	IBM Rational ClearCase 3.2
Business Rule Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Issue Management
Business Rule Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Requirements Management and Traceability
Requirements Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Requirements Management and Traceability
Access Control	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Version Management
Business Rule Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	Version Management
Pattern Matching	Service Platform and Infrastructure	Software Engineering	Test Management	Configuration Testing
Business Rule Management	Service Platform and Infrastructure	Software Engineering	Test Management	Functional Testing
Requirements Management	Service Platform and Infrastructure	Software Engineering	Test Management	Functional Testing
Business Rule Management	Service Platform and Infrastructure	Software Engineering	Test Management	Load/Stress/Volume Testing
Pattern Matching	Service Platform and Infrastructure	Software Engineering	Test Management	Load/Stress/Volume Testing
Information Retrieval	Service Platform and Infrastructure	Support Platforms	Platform Dependent	HP OpenView GlancePlus/UX Pak for S800 11
Data Recovery	Service Platform and Infrastructure	Support Platforms	Platform Dependent	HP ServiceGuard RAC Ext. A. 11
Information Retrieval	Service Platform and Infrastructure	Support Platforms	Platform Dependent	HP/UX 11i
Software Development	Service Platform and Infrastructure	Support Platforms	Platform Dependent	HP-UX 11i
Information Sharing	Service Platform and Infrastructure	Support Platforms	Platform Independent	Linux, vender TBD

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.

6. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)? No

a. If "yes," please describe.

Exhibit 300: Part II: Planning, Acquisition and Performance Information

Section A: Alternatives Analysis (All Capital Assets)

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.

1. Did you conduct an alternatives analysis for this project? Yes
 - a. If "yes," provide the date the analysis was completed? 4/1/2005
 - b. If "no," what is the anticipated date this analysis will be completed?
 - c. If no analysis is planned, please briefly explain why:

2. Alternative Analysis Results: * Costs in millions			
Use the results of your alternatives analysis to complete the following table:			
Alternative Analyzed	Description of Alternative	Risk Adjusted Lifecycle Costs estimate	Risk Adjusted Lifecycle Benefits estimate
Alternative 3	System Evolution using COTS Products	692598000	96501270

3. Which alternative was selected by the Agency's Executive/Investment Committee and why was it chosen?

NGI is expected to use Alternative 3. The COTS products require minimal development effort while reducing risks related to cost, schedule, performance, and technical obsolescence.

4. What specific qualitative benefits will be realized?

Advanced Fingerprint Identification Technology (AFIT) Benefits: Interoperability with other systems; more efficient searches; accommodates increased volumes in pre-employment background checks; ensures fewer misses in fingerprint accuracy; avoids hiring additional staff to accommodate increased workload volumes. Repository of Individuals of Special Concern (RISC) Benefits: supports the DOJ's goal of preventing, disrupting, and defeating terrorist operations before they occur by swiftly adapting and responding to the needs of the terrorist screening agencies and the law enforcement communities. Quality Check Function Benefits: Verifies authorized users; establishes consistency for data verification and better management of user fee transactions; streamlines work processes, improves overall response time; reduces number of ten-print transactions rejected by IAFIS, saving costs to local law enforcement; allows more timely updates of records; avoids hiring additional staff to accommodate increased workload volumes. Disposition Reporting Improvements (DRI) Benefits: Facilitates a more complete CHRI that will support local, state, and federal criminal justice agencies, authorized civil agencies, and international law enforcement organizations. Enhanced IAFIS Repository Benefits: Will notify responsible agency regarding criminal activity of individuals in sensitive positions; automatically allows for transition of files between civil and criminal repositories; supports flat fingerprints; supports national security; increases repository capacity; creates new functionality for the civil file; provides the ability to search the civil records with remote latent fingerprint submissions; will provide expanded/new search and response generation capabilities; collectively locate civil history and CHRI to facilitate the search, addition, consolidation, modification, expungement, response generation, and file maintenance of civil and criminal information. Interstate Photo System (IPS) Enhancements Benefits: Easier submission and retrieval of photos into database; increased number of photos retained; new search capabilities will help to solve crimes; ability to collect and retain data to field facial identification services in a future multi-modal system. National Palm Print System (NPPS) Benefits: Will allow for additional identifications (approximately 30 percent of latent lifts are made from palm prints); provides an additional tool to solve more crimes.

5. Will the selected alternative replace a legacy system in-part No
or in-whole?
 - 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.
 - b. If "yes," please provide the following information:

List of Legacy Investment or Systems		
Name of the Legacy Investment of Systems	UPI if available	Date of the System Retirement

Section B: Risk Management (All Capital Assets)

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.

1. Does the investment have a Risk Management Plan? Yes

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

- a. If "yes," what is the date of the plan? 5/3/2007
 - b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? No
 - c. If "yes," describe any significant changes:
2. If there currently is no plan, will a plan be developed?
- a. If "yes," what is the planned completion date?
 - b. If "no," what is the strategy for managing the risks?
3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule:

Section C: Cost and Schedule Performance (All Capital Assets)

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.

- 1. Does the earned value management system meet the criteria in ANSI/EIA Standard-748? Yes
- 2. Is the CV% or SV% greater than +/- 10%? (CV%= CV/EV x 100; SV%= SV/PV x 100) No
 - a. If "yes," was it the CV or SV or both?
 - b. If "yes," explain the causes of the variance:
 - c. If "yes," describe the corrective actions:
- 3. Has the investment re-baselined during the past fiscal year? Yes
 - a. If "yes," when was it approved by the agency head? 4/1/2007

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

4. Comparison of Initial Baseline and Current Approved Baseline

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 'O' for any milestone no longer active.

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date (mm/dd/yyyy)	Total Cost (\$M) Estimated	Completion Date (mm/dd/yyyy)		Total Cost (\$M)		Schedule (# days)	Cost (\$M)	
				Planned	Actual	Planned	Actual			
1	Planning - FY06 and earlier - NGI - Services	9/30/2006	\$16.13	9/30/2006	9/30/2006	\$16.13	\$8.87	0	\$7.26	100%
2	Planning - FY06 and earlier - NGI - Training	9/30/2006	\$0.01	9/30/2006	9/30/2006	\$0.01	\$0	0	\$0.01	100%
3	Planning - FY06 and earlier - NGI - Travel	9/30/2006	\$0.22	9/30/2006	9/30/2006	\$0.22	\$0.21	0	\$0.01	100%
4	Planning - FY06 and earlier - IAFIS - Services	9/30/2006	\$17.85	9/30/2006	9/30/2006	\$17.85	\$13.45	0	\$4.4	100%
5	Acquisition - FY06 and earlier - NGI - HW	9/30/2006	\$0.05	9/30/2006	9/30/2006	\$0.05	\$0.05	0	\$0	100%
6	Acquisition - FY06 and earlier - NGI - SW	9/30/2006	\$0.06	9/30/2006	9/30/2006	\$0.06	\$0.06	0	\$0	100%
7	Acquisition - FY06 and earlier - NGI - Training	9/30/2006	\$0.02	9/30/2006	9/30/2006	\$0.02	\$0.02	0	\$0	100%
8	Acquisition - FY06 and earlier - IAFIS - HW	9/30/2006	\$398.86	9/30/2006	9/30/2006	\$398.86	\$398.86	0	\$0	100%
9	Acquisition - FY06 and earlier - IAFIS - SW	9/30/2006	\$40.4	9/30/2006	9/30/2006	\$40.4	\$40.4	0	\$0	100%
10	Acquisition - FY06 and earlier - IAFIS - Services	9/30/2006	\$306.08	9/30/2006	9/30/2006	\$306.08	\$306.08	0	\$0	100%
11	O&M - FY06 and earlier	9/30/2006	\$157.19	9/30/2006	9/30/2006	\$157.19	\$148.95	0	\$8.24	100%

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

4. Comparison of Initial Baseline and Current Approved Baseline

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 'O' for any milestone no longer active.

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date (mm/dd/yyyy)	Total Cost (\$M) Estimated	Completion Date (mm/dd/yyyy)		Total Cost (\$M)		Schedule (# days)	Cost (\$M)	
				Planned	Actual	Planned	Actual			
12	Government FTE - FY06 and earlier	9/30/2006	\$717.02	9/30/2006	9/30/2006	\$717.02	\$717.02	0	\$0	100%
13	Planning - FY07 - NGI - Services	9/30/2007	\$8.38	9/30/2007		\$8.38	\$7.16		\$-0.875	75%
14	Planning - FY07 - NGI - Training	9/30/2007	\$0.01	9/30/2007		\$0.01	\$0		\$0.0075	75%
15	Planning - FY07 - NGI - Travel	9/30/2007	\$0.15	9/30/2007		\$0.15	\$0.11		\$0.0025	75%
16	Planning - FY07 - IAFIS - Services	9/30/2007	\$2.26	9/30/2007		\$2.26	\$1.69		\$0.005	75%
17	Acquisition - FY07 - NGI - HW	9/30/2007	\$12.54	9/30/2007		\$12.54	\$0.03		\$9.375	75%
18	Acquisition - FY07 - NGI - SW	9/30/2007	\$0.44	9/30/2007		\$0.44	\$0.05		\$0.28	75%
19	Acquisition - FY07 - NGI - Services	9/30/2007	\$0.07	9/30/2007		\$0.07	\$0		\$0.0525	75%
20	Acquisition - FY07 - NGI - Undistributed Budget	9/30/2007	\$70.22	9/30/2007		\$70.22	\$0		\$0	0%
21	Acquisition - FY07 - IAFIS - HW	9/30/2007	\$4.06	9/30/2007		\$4.06	\$3.04		\$0.005	75%
22	Acquisition - FY07 - IAFIS - SW	9/30/2007	\$1.26	9/30/2007		\$1.26	\$0.95		\$-0.005	75%
23	Acquisition - FY07 - IAFIS - Services	9/30/2007	\$4.21	9/30/2007		\$4.21	\$3.16		\$-0.0025	75%
24	O&M - FY07	9/30/2007	\$18.56	9/30/2007		\$18.56	\$13.92		\$0	75%

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

4. Comparison of Initial Baseline and Current Approved Baseline

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 'O' for any milestone no longer active.

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date (mm/dd/yyyy)	Total Cost (\$M) Estimated	Completion Date (mm/dd/yyyy)		Total Cost (\$M)		Schedule (# days)	Cost (\$M)	
				Planned	Actual	Planned	Actual			
25	Government FTE - FY07	9/30/2007	\$70.59	9/30/2007		\$70.59	\$52.94		\$0.0025	75%
26	Planning - FY08 - IAFIS - Services	9/30/2008	\$2.32	9/30/2008		\$2.32				0%
27	Acquisition - FY08 - NGI - HW	9/30/2008	\$64.56	9/30/2008		\$64.56				0%
28	Acquisition - FY08 - NGI - SW	9/30/2008	\$5.15	9/30/2008		\$5.15				0%
29	Acquisition - FY08 - NGI - Services	9/30/2008	\$12.99	9/30/2008		\$12.99				0%
30	Acquisition - FY08 - NGI - Training	9/30/2008	\$0.26	9/30/2008		\$0.26				0%
31	Acquisition - FY08 - NGI - Travel	9/30/2008	\$2.37	9/30/2008		\$2.37				0%
32	Acquisition - FY08 - IAFIS Services	9/30/2008	\$1.88	9/30/2008		\$1.88				0%
33	O&M - FY08	9/30/2008	\$30.08	9/30/2008		\$30.08	\$0		\$0	0%
34	Government FTE - FY08	9/30/2008	\$72.23	9/30/2008		\$72.23	\$0		\$0	0%
35	Planning - FY09 - IAFIS - Services	9/30/2009	\$2.39	9/30/2009		\$2.39				0%
36	Acquisition - FY09 - NGI - HW	9/30/2009	\$55.94	9/30/2009		\$55.94				0%
37	Acquisition - FY09 - NGI - SW	9/30/2009	\$8.67	9/30/2009		\$8.67				0%
38	Acquisition - FY09 - NGI - Services	9/30/2009	\$18.5	9/30/2009		\$18.5				0%

Exhibit 300: FBI Next Generation Identification (NGI) (Revision 1)

4. Comparison of Initial Baseline and Current Approved Baseline

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.

Milestone Number	Description of Milestone	Initial Baseline		Current Baseline				Current Baseline Variance		Percent Complete
		Planned Completion Date (mm/dd/yyyy)	Total Cost (\$M) Estimated	Completion Date (mm/dd/yyyy)		Total Cost (\$M)		Schedule (# days)	Cost (\$M)	
				Planned	Actual	Planned	Actual			
39	Acquisition - FY09 - NGI - Training	9/30/2009	\$0.43	9/30/2009		\$0.43				0%
40	Acquisition - FY09 - NGI - Travel	9/30/2009	\$3.02	9/30/2009		\$3.02				0%
41	Acquisition - FY09 - IAFIS - HW	9/30/2009	\$2.13	9/30/2009		\$2.13				0%
42	Acquisition - FY09 - IAFIS - SW	9/30/2009	\$0.52	9/30/2009		\$0.52				0%
43	Acquisition - FY09 - IAFIS - Services	9/30/2009	\$2.8	9/30/2009		\$2.8				0%
44	O&M - FY09	9/30/2009	\$32.26	9/30/2009		\$32.26	\$0		\$0	0%
45	Government FTE - FY09	9/30/2009	\$73.91	9/30/2009		\$73.91	\$0		\$0	0%