Exhibit 300: Capital Asset Summary

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

Section A: Overview & Summary Information

Date Investment First Submitted: 2011-02-23
Date of Last Change to Activities: 2012-05-17
Investment Auto Submission Date: 2012-02-28
Date of Last Investment Detail Update: 2012-02-24
Date of Last Exhibit 300A Update: 2012-02-28
Date of Last Revision: 2012-07-20

Agency: 011 - Department of Justice **Bureau:** 10 - Federal Bureau of Investigation

Investment Part Code: 01

Investment Category: 00 - Agency Investments

1. Name of this Investment: FBI Next Generation Identification (NGI)

2. Unique Investment Identifier (UII): 011-000003457

Section B: Investment Detail

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

The Federal Bureau of Investigation (FBI) initiated the Next Generation Identification (NGI) Program in response to advances in technology, FBI customer requirements, growing demand for Integrated Automated Fingerprint Identification System (IAFIS) services, and growing obsolescence of the IAFIS Information Technology (IT) infrastructure. More than 18,000 local, state, tribal, federal, and international partners electronically submit requests to IAFIS. The NGI Program is advancing the FBI's biometric identification and investigation services by providing an incremental replacement of current IAFIS technical capabilities, while introducing new biometric functionality. The NGI Program is the cornerstone that enables the FBI to meet its criminal justice service mission and continue to build its reputation as a global leader in biometrics. The FBI is dramatically improving all of the major features of the current IAFIS, including system flexibility, storage capacity, accuracy and timeliness of responses, and interoperability with other systems - such as, the Department of Homeland Security (DHS) and the Department of Defense (DOD) biometric matching systems. The NGI Program is addressing the increase in identification requests in the form of biometric submissions. It is also addressing the rapidly expanding database of biometric information and new biometric identifiers necessary to keep pace with evolving tribal, local, state, federal, international and intelligence requirements. New and more accurate biometric identification and investigation capabilities are being incorporated incrementally.

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

The NGI Program is taking a twofold approach to meet identified gaps in current technology. 1) Improving Existing Biometric Services: NGI increases performance accuracy to 99% (92% in AFIS). NGI provides an improved algorithm to increase system performance for flat prints. NGI allows federal, state, and local law enforcement agencies search latents against the unsolved latent file. 2) New Biometric Services: Latent examiners estimate that approximately 30% of latent prints are palm. NGI is introducing a National Palmprint System (NPS) that will provide the means to identify those palmprints via a nationwide search. NGI's new Rap Back service allows authorized agencies to receive and share notification of subsequent criminal activity reported to the NGI system. The Repository for Individuals of Special Concern (RISC) provides the capability for law enforcement officers to receive biometric based information rapidly while in the field. This capability is critical to reducing terrorism and criminal activity. NGI will improve Government-wide biometric information sharing. Homeland Security Presidential Directive (HSPD) 24 [Biometrics for Identification and Screening to Enhance National Security] requires agencies to use mutually compatible methods and procedures in the collection, storage, use, analysis, and sharing of biometric and associated biographic and contextual information. NGI is implementing multiple features to adhere to this directive. Most notable is the system's ability to return ten second results from a comprehensive master criminal file search at U.S. ports of entry. NGI proactively aids investigations through offerings of new modalities to speed and support investigations (e.g., photos). NGI is implementing additional mechanisms for contributors to submit electronic dispositions. This provides increased compliance with legislature mandates for fair and accurate criminal histories. Mandate for civil background checks. Legislation is driving an increase in civil background check (e.g., individuals in service jobs that come in contact with children, elderly, or mentally/physically challenged persons require background checks for employment). NGI's improved workflow and technology infrastructure enable the system to accommodate increased civil checks and retain acceptable response time performance metrics.

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

On 02/25/2011, the FBI achieved IOC (Initial Operating Capability), Increment 1 for NGI. IOC provides new advanced fingerprint matching algorithms, which provides improved accuracy rates. This milestone occurred more than one month ahead of schedule and within the established cost threshold of $165 million. Due to the improved accuracy, 910 additional candidates were identified during the first five days of the IOC that would not have been identified in the legacy system. During the operational validation period, many identification successes were discovered, providing evidence of the NGI's superior performance. IOC provided for the additional identification of subjects with criminal charges of murder in the first degree, manslaughter, assault on police, and felony abduction. Additionally, NGI identified subjects during civil background investigations with prior charges including caregiver applicant battery and immigration applicant rape.

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

The following are planned accomplishments for FY12: -Design for full infrastructure, enhanced repository, facial recognition, RapBack, and interoperability. -Final Biometric Trade Study will be accepted by Government. -Develop Latent, Palm, rapid search for Customs and Border Protection (CBP) and initial NGI workflow. -Acquire hardware and software supporting development of latent, palm, rapid search for CBP, and initial workflow. -Development of infrastructure to support transition of legacy IAFIS functionality and segments to NGI. -Development for transition of remaining legacy IAFIS. -Acquisition of hardware and software supporting development of full NGI infrastructure, enhanced repository, facial recognition, RapBack, and interoperability. -Complete re-programming of increments 3 and 4. The following are planned accomplishments for BY13: -Demonstrate Iris Recognition Capabilities via the Iris Pilot. -Deploy and perform post-deployment activities Latent, Palm, rapid search for Customs and Border Protection (CBP) and initial NGI workflow. -Continue development of infrastructure to support transition of legacy IAFIS functionality and segments to NGI. -Continue development for transition of remaining legacy IAFIS. -Continue acquisition of hardware and software supporting development of full NGI infrastructure, enhanced repository, facial recognition, RapBack, and interoperability.

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

2006-01-12

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

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	$23.9	$0.0	$0.0	$0.0
DME (Excluding Planning) Costs:	$332.0	$179.3	$188.4	$115.9
DME (Including Planning) Govt. FTEs:	$16.5	$6.2	$5.5	$5.1
Sub-Total DME (Including Govt. FTE):	$372.4	$185.5	$193.9	$121.0
O & M Costs:	$1.5	$0.5	$25.8	$29.9
O & M Govt. FTEs:	$0.1	$0.0	$0.8	$1.3
Sub-Total O & M Costs (Including Govt. FTE):	$1.6	$0.5	$26.6	$31.2
Total Cost (Including Govt. FTE):	$374.0	$186.0	$220.5	$152.2
Total Govt. FTE costs:	$16.6	$6.2	$6.3	$6.4
# of FTE rep by costs:	322	47	47	47
Total change from prior year final President's Budget ($)		$-37.1	$44.0	
Total change from prior year final President's Budget (%)		-16.60%	25.00%	

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

The increases in FY2011 of $3482 and FY2012 of $3511 are due to a new calculation tool for the FTEs which more accurately aligns with other internal planning tools.

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

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value ($M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	1549	DJFA9G0805612	GS35F4953G	3600							

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 contracts not mandating EVM provisions are for level of effort (Time and Material) services. The work related to each of these contracts is incorporated into the program earned value management system.

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-05-17

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost ($M)
003457-A	Next Generation Identification	The NGI Program will advance the FBI's biometric identification and investigation services, providing an incremental replacement of current IAFIS technical capabilities, new services, and introduce new biometric functionality.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities ($M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance ($M)	Cost Variance (%)	Total Planned Cost ($M)	Count of Activities
003457-A	Next Generation Identification							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
003457-A	RISC and Initial Infrastructure Post-Deployment Activities	Complete post-deployment activities to allow authorized agencies to conduct rapid	2011-11-30	2011-11-30	2011-11-30	191	0	0.00%

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
		searches against wanted persons, known or suspected terrorists, and sexual offenders on the NGI high availability infrastructure.						
003457-A	Replace legacy IAFIS functionality and implement new biometric capabilities.	Design for the replacement of legacy IAFIS functionality and implementation of new biometric capabilities.	2012-06-05	2012-06-05		613	-87	-14.19%
003457-A	Latent, Palm, Rapid Search for CBP development	Develop National Palm Print Repository, Latent enhancements, and rapid DHS CBP Response.	2012-06-14	2012-06-14		447	-78	-17.45%
003457-A	Program Facilitation Activity	Programmatic documentation and support (e.g., EVM, IV&V, etc.)	2012-09-30	2012-09-30		365	0	0.00%
003457-A	Latent, Palm, Rapid Search for CBP testing	Test National Palm Print Repository, latent enhancements, and rapid DHS CBP response.	2012-12-03	2012-12-03		247	0	0.00%
003457-A	G1, Legacy III/NCIC transaction migration.	Develop legacy III/NCIC transaction migration.	2012-12-21	2012-12-21		477	0	0.00%
003457-A	NGI Trade Studies Activity	Final Trade Study acceptance	2012-12-31	2012-12-31		1,697	0	0.00%
003457-A	G2, Legacy IAFIS functionality migration.	Develop remaining legacy IAFIS functionality migration, including EBTS transaction migration.	2013-04-26	2013-04-26		512	0	0.00%
003457-A	Biometric Implementation Activity	Acquisition of hardware and software supporting	2014-09-30	2014-09-30		1,582	0	0.00%

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
		development of latent, palm, rapid search for CBP, and initial workflow.						

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
The AFIT shall return the correct candidate a minimum of 99.00% of the time, when it exists in the searched repository, as a result of a fingerprint feature search in support of fingerprint identification services.	Percentage of correct fingerprint matches	Technology - Effectiveness	Over target	0.920000	0.990000	0.996000	0.990000	Semi-Annual
The AFIT shall provide 99.7% availability, per quarter, in support of all user services except RISC Rapid Search and International Terrorist Identification Search capabilities.	Percentage of time AFIT is available	Technology - Reliability and Availability	Over target	0.997000	0.997000	0.982000	0.997000	Monthly
The NGI RISC component will become available to agencies in all 50 states, FY2011	Number of states able to participate in RISC	Customer Results - Service Coverage	Over target	6.000000	50.000000	50.000000	50.000000	Semi-Annual
The NGI RISC component shall support the system responding to 99% of RISC Rapid Searches received during any continuous 24-hour period that do not require nonstandard intervention in less than or equal to 10 seconds of receipt by NGI when no	Seconds per transaction over a 24hour period	Process and Activities - Cycle Time and Timeliness	Under target	0.000000	10.000000	8.990000	10.000000	Semi-Annual

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
additional Identity information is requested.								
The NGI RISC component shall include one additional data set to be searched and returned in the response	Number of data sets available in RISC	Mission and Business Results - Services for Citizens	Over target	4.000000	4.000000	4.000000	5.000000	Semi-Annual