

**Exhibit 300 (BY2008)**

<b>PART ONE</b>	
<b>OVERVIEW</b>	
<b>1. Date of Submission:</b>	2007-02-05
<b>2. Agency:</b>	009
<b>3. Bureau:</b>	20
<b>4. Investment Name:</b>	CDC National Select Agent Registry (NSAR) (formerly SATERIS)
<b>5. UPI:</b>	009-20-01-03-01-0547-00
<b>6. What kind of investment will this be in FY2008?</b>	
Mixed Life Cycle	
<b>7. What was the first budget year this investment was submitted to OMB?</b>	
FY2005	
<b>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.</b>	
<p>The purpose of the joint CDC/HHS and APHIS/USDA inter-agency NSAR program is to support Public Law 107-188 by providing a single national database of information about regulated entities for the Select Agent Program. A public web-site serves as a single portal for electronic data collection for both agencies. The investment includes system and software design and development, integration of COTS products, and maintenance of the hardware, software, and database. The NSAR system received C&amp;A ATO on 12/09/2005 and deployed its initial operational capability (the system was still in development last year). This investment was approved by the CDC TRB/ITIRB in June 2006. Improvements in data collection accuracy, efficiency, and reporting have contributed to the significant improvements in Select Agent Program performance in responsiveness of its regulatory activities. Prior to this investment, the program office did not have adequate database or reporting capability to effectively manage the information necessary to properly regulate the Select Agent program. The initial operational capability provides a robust database and user interface for data entry, data query, and routine/ad-hoc reporting activities. The joint inter-agency public website provides initial electronic submission of required forms for the regulated community. Targeted performance and productivity improvements will include: reduction in the number of days to complete/process registrations through improved data entry and reporting, reduction in data entry error rates that will improve the consistency of program decisions through a more robust data base, and unifying efficient information flows between agencies, minimizing redundant activities, and the reduction of the reporting burdens on the entities in cases of overlap agents. Continued development to address additional performance gaps is scheduled through at least 02/2008. NSAR supports Expanded Electronic Government with a public web platform that makes it easier for entities to register their facility and toxins with HHS. NSAR is designed to provide collaborative e-government activities between HHS, USDA, and DOJ. The impact of not fully funding this investment would include the loss of CDC's capability to efficiently comply with the mandates of PL 107-188, the inability to register entities in a timely fashion, and inefficient inter-agency collaborative activities.</p>	
<b>9. Did the Agency's Executive/Investment Committee approve this request?</b>	
yes	
<b>9.a. If "yes," what was the date of this approval?</b>	
2006-06-23	
<b>10. Did the Project Manager review this Exhibit?</b>	
yes	
<b>12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project.</b>	
no	
<b>12.a. Will this investment include electronic assets (including computers)?</b>	
yes	
<b>12.b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)</b>	
no	
<b>13. Does this investment support one of the PMA initiatives?</b>	

yes	
If yes, select the initiatives that apply:	
Expanded E-Government	
13.a. Briefly describe how this asset directly supports the identified initiative(s)?	
NSAR supports Expanded Electronic Government by minimizing data entry redundancy through a single national database shared by CDC & APHIS (previously they had independent databases), improves information sharing by implementing collaborative electronic inter-agency approvals for 'overlap' entities (responsible agency using the shared database), and a reduced reporting burden for the community through the ability to complete/submit registration forms electronically (previously only paper-based).	
14. Does this investment support a program assessed using OMB's Program Assessment Rating Tool (PART)?	
no	
15. Is this investment for information technology (See section 53 for definition)?	
yes	
16. What is the level of the IT Project (per CIO Council's PM Guidance)?	
Level 3	
17. What project management qualifications does the Project Manager have? (per CIO Council's PM Guidance)	
(1) Project manager has been validated as qualified for this investment	
18. Is this investment identified as high risk on the Q4 - FY 2006 agency high risk report (per OMB's high risk memo)?	
no	
19. Is this a financial management system?	
no	
20. What is the percentage breakout for the total FY2008 funding request for the following? (This should total 100%)	
<b>Hardware</b>	1
<b>Software</b>	1
<b>Services</b>	98
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	
Betsy A. Dunaway	
Phone Number	
404.639.4642	
Title	
CDC CONFIDENTIALITY PRIV OFCR	
Email	
BDunaway@cdc.gov	
23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?	
no	
<b>SUMMARY OF SPEND</b>	
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.	

All amounts represent Budget Authority

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

	PY-1 & Earlier	PY	CY	BY
	-2005	2006	2007	2008
<b>Planning Budgetary Resources</b>	0.000	0.000	0.036	0.036
<b>Acquisition Budgetary Resources</b>	9.836	4.268	3.177	2.856
<b>Maintenance Budgetary Resources</b>	4.379	2.629	3.369	3.352
<b>Government FTE Cost</b>	0.940	0.240	0.260	0.280
<b># of FTEs</b>	8	2	2	2

Note: For the cross-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?

yes

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

1 FTE in 2006

3. If the summary of spending has changed from the FY2007 President's budget request, briefly explain those changes.

A small across-the-board budget reduction for the current budget year (2006), unrelated to investment performance, was directed by CDC with a relatively minor impact to scope and schedule.

### PERFORMANCE

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 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 Table 1 below for reporting performance goals and measures for all non-IT investments and for existing IT investments that were initiated prior to FY 2005. The table can be extended to include measures for years beyond FY 2006.

Table 1

	Fiscal Year	Strategic Goal(s) Supported	Performance Measure	Actual/baseline (from Previous Year)	Planned Performance Metric (Target)	Performance Metric Results (Actual)
1	2003	Implementing a National Public Health Strategy for Terrorism Preparedness and Response - Sustained Prevention and Consequence Management Program	Register 100% of all eligible U.S. Laboratory facilities that possess select biological agents and toxins yearly. Inspect 100 laboratories IAW new select agent rule. Track 100% of all select agent and toxin transfers yearly	FY02 - 103 labs inspected	100 additional labs inspected - 0 illegal transfers	130 additional labs inspected

2	2004	Sustained Prevention and Consequence Management Program	Register 100% of all eligible U.S. laboratory facilities that possess select biological agents and toxins	10% registered	All registered facilities receive initial inspections	All registered facilities inspected by 4/30/2004
3	2004	Sustained Prevention and Consequence Management Program	Attain Certification and Accreditation (C&A) of system	C&A of legacy system in process	Complete C&A of legacy system	Legacy system C&A completed 07/15/2004
4	2005	Sustained Prevention and Consequence Management Program	Attain Certification and Accreditation (C&A) of NSAR system	C&A of NSAR in progress	Complete C&A of NSAR	NSAR C&A completed and ATO granted 12/9/05
5	2006	Sustained Prevention and Consequence Management Program	Attain Certification and Accreditation (C&A) of NSAR system	Legacy system was in use	Deployment of NSAR for internal use	System was deployed

All new IT investments initiated for FY 2005 and beyond must use Table 2 and are required to use the FEA Performance Reference Model (PRM). Please use Table 2 and the PRM to identify the performance information pertaining to this major IT investment. 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 at least four different Measurement Areas (for each fiscal year). The PRM is available at [www.egov.gov](http://www.egov.gov).

Table 2

	Fiscal Year	Measurement Area	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvement to the Baseline	Actual Results
1	2005	Mission and Business Results	Key Asset and Critical Infrastructure Protection	Completed registrations within 180 days of receipt	5% in 180 days	10% in 180 days	10% in 180 days
2	2005	Customer Results	Access	Total system up-time	90%	>90%	System deployment delayed - no results.
3	2005	Processes and Activities	Errors	Data entry error rate	7-8%	5-6%	System deployment delayed - no results.
4	2005	Technology	External Data Sharing	Inter-agency electronic concurrence	Manual process	Convert to electronic	System deployment delayed - no results.
5	2006	Mission and Business Results	Key Asset and Critical Infrastructure Protection	Completed registrations within 180 days of receipt	10% in 180 days	45% in 180 days	The program met its intended goal.
6	2006	Customer Results	Access	Total system up-time	90%	>90%	Currently exceeding 99% up-time
7	2006	Processes and Activities	Errors	Data entry error rate	7-8%	6-7%	Staff learning new system, progress

							being made.
8	2006	Technology	External Data Sharing	Inter-agency electronic concurrence	Manual process	Convert to electronic	System deployment delayed due to CDC ID proofing issues
9	2007	Mission and Business Results	Key Asset and Critical Infrastructure Protection	Completed registrations within 180 days of receipt	45% in 180 days	95% in 180 days	
10	2007	Customer Results	Access	Total system up-time	90%	>90%	
11	2007	Processes and Activities	Errors	Data entry error rate	6-7%	5-6%	
12	2007	Technology	External Data Sharing	Inter-agency electronic concurrence	>60 days	45-60 days	

**EA**

*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.*

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

yes

2. Is this investment included in the agency's EA Transition Strategy?

yes

2.a. If yes, provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment.

CDC Select Agent Transfer and Entity Registration Information system (SATERIS)

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/>.

*Component: Use existing SRM Components or identify as NEW. A NEW component is one not already identified as a service component in the FEA SRM.*

*Reused Name and UPI: 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.*

*Internal or External Reuse?: 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.*

*Funding Percentage: 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.*

	Agency Component Name	Agency Component Description	Service Type	Component	Reused Component Name	Reused UPI	Internal or External Reuse?	Funding %
1	NSAR	NSAR provides the regulated community the capability to electronically submit registrations and related documents to DSAT	Customer Initiated Assistance	Reservations / Registration			No Reuse	20

		in support of regulatory enforcement.						
2	NSAR	NSAR provides DSAT with the capability to control the receipt of incoming correspondence/documents to ensure tracking and auditing compliance for complete records.	Routing and Scheduling	Inbound Correspondence Management			No Reuse	15
3	NSAR	NSAR provides DSAT with the capability to control outgoing correspondence/documents to ensure tracking and auditing compliance for complete records.	Routing and Scheduling	Outbound Correspondence Management			No Reuse	15
4	NSAR	NSAR provides controls to ensure tracking/auditing of program data is maintained and original documents are captured/protected to prevent inappropriate changes in support of regulatory enforcement.	Management of Processes	Change Management			No Reuse	10
5	NSAR	NSAR provides a graphical user interface (GUI) for authorized internal user access, and an application programming interface (API) for external agency access, to program data and documents.	Knowledge Management	Information Retrieval			No Reuse	15
6	NSAR	NSAR's national database provides a single repository for data from disparate information sources within CDC as well as from external agencies (FBI/CJIS and USDA/APHIS).	Development and Integration	Data Integration			No Reuse	10
7	NSAR	NSAR supports database queries of program data, both ad-hoc and standardized/canned reports to meet routine program regulatory requirements as well as in response to events involving select agents and/or the regulated community.	Search	Query			No Reuse	15
8	SDN	Shared CDC Secure Data Network	Security Management	Identification and Authentication	Identification and Authentication	009-20-01-02-02-0581-00	Internal	0
9	IT Infrastructure	Shared CDC IT Infrastructure	Organizational Management	Network Management	Network Management	009-20-02-00-01-1152-00	Internal	0

4. 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: 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.

Service Specification: 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.

	SRM Component	Service Area	Service Category	Service Standard	Service Specification (i.e., vendor and product name)
1	Reservations / Registration	Service Access and Delivery	Access Channels	Web Browser	internet explorer, firefox
2	Reservations / Registration	Service Access and Delivery	Access Channels	Other Electronic Channels	system to system, web services,URL
3	Reservations / Registration	Service Access and Delivery	Delivery Channels	Internet	TBD
4	Information Retrieval	Service Access and Delivery	Delivery Channels	Intranet	TBD
5	Reservations / Registration	Service Access and Delivery	Delivery Channels	Extranet	TBD
6	Information Retrieval	Service Access and Delivery	Delivery Channels	Virtual Private Network (VPN)	TBD
7	Information Retrieval	Service Access and Delivery	Service Requirements	Legislative / Compliance	section 508, security
8	Information Retrieval	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on	TBD
9	Information Retrieval	Service Access and Delivery	Service Requirements	Hosting	internal
10	Information Retrieval	Service Access and Delivery	Service Transport	Supporting Network Services	mime, ldap,directory services, dns,eigrp
11	Reservations / Registration	Service Access and Delivery	Service Transport	Service Transport	tcp, ip, http, https
12	Data Integration	Service Platform and Infrastructure	Support Platforms	Platform Independent	j2ee
13	Information Retrieval	Service Platform and Infrastructure	Support Platforms	Platform Dependent	Windows 2000
14	Reservations / Registration	Service Platform and Infrastructure	Delivery Servers	Web Servers	iis
15	Reservations / Registration	Service Platform and Infrastructure	Delivery Servers	Application Servers	bea weblogic 8.1
16	Data Integration	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment	borland jbuilder, eclipse
17	Change Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	rational clearcase, clearquest, requisite pro, ms project
18	Data Integration	Service Platform and Infrastructure	Software Engineering	Test Management	bobby, homepage reader, jprofiler, rational robot
19	Change Management	Service Platform and Infrastructure	Software Engineering	Modeling	rational rose

20	Query	Service Platform and Infrastructure	Database / Storage	Database	microsoft SQL server
21	Query	Service Platform and Infrastructure	Database / Storage	Storage	NAS
22	Data Integration	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers	Dell
23	Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	RAM, hdd, raid, microprocessor
24	Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	printer, scanner
25	Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	ethernet, vlan
26	Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Wide Area Network (WAN)	frame relay
27	Information Retrieval	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	switch, router, nic, t1/t3, firewall
28	Inbound Correspondence Management	Component Framework	Security	Certificates / Digital Signatures	ssl, digital certificate authentication
29	Outbound Correspondence Management	Component Framework	Security	Supporting Security Services	tls
30	Reservations / Registration	Component Framework	Presentation / Interface	Static Display	html
31	Reservations / Registration	Component Framework	Presentation / Interface	Dynamic Server-Side Display	jsp
32	Reservations / Registration	Component Framework	Presentation / Interface	Content Rendering	scc
33	Information Retrieval	Component Framework	Business Logic	Platform Independent	ejb, javascript, java servlet
34	Information Retrieval	Component Framework	Data Interchange	Data Exchange	soap
35	Query	Component Framework	Data Management	Database Connectivity	jdbc,obdc
36	Query	Component Framework	Data Management	Reporting and Analysis	crystal reports
37	Information Retrieval	Service Interface and Integration	Integration	Middleware	rpc, ansi sql, com, dcom, com+
38	Information Retrieval	Service Interface and Integration	Interoperability	Data Format / Classification	xml
39	Information Retrieval	Service Interface and Integration	Interoperability	Data Types / Validation	xml schema
40	Information Retrieval	Service Interface and Integration	Interoperability	Data Transformation	xslt
41	Information Retrieval	Service Interface and Integration	Interface	Service Description / Interface	wSDL
42	Access Control	Component Framework	Security	Certificates / Digital Signatures	ssl, digital certificate authentication, PKI
43	Network Management	Service Access and Delivery	Service Transport	Supporting Network Services	tcp, ip, http, https

5. Will the application leverage existing components and/or applications across the Government (i.e., FirstGov, Pay.Gov, etc)?
yes
5.a. If yes, please describe.
SATERIS will align with the Federal Enterprise Architecture (FEA) as it is defined, and will use/comply with the HHS Electronic Identity Credential (EIC) project. Optimal use of government funds is achieved by sharing CDC IT Infrastructure and the CDC Secure Data Network (SDN). The use of the CDC SDN components by NSAR/SATERIS provides cross-agency leverage and cost savings since it is a joint development effort/solution shared by both CDC (HHS) and APHIS (USDA). In addition other members of the CDC/HHS community use both SDN and the CDC IT infrastructure providing further cost savings (no associated development costs for the NSAR/SATERIS investment).
6. Does this investment provide the public with access to a government automated information system?
yes
6.a. If yes, does customer access require specific software (e.g., a specific web browser version)?
no

**PART TWO**

**RISK**

*You should perform a risk assessment during the early planning and initial concept phase of the investment's life-cycle, develop 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.*

*Answer the following questions to describe how you are managing investment risks.*

1. Does the investment have a Risk Management Plan?

yes

1.a. If yes, what is the date of the plan?

2006-08-04

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

no

3. Briefly describe how investment risks are reflected in the life cycle cost estimate and investment schedule: (O&M investments do NOT need to answer.)

Schedule Risk from external dependencies is mitigated through the use of conservative milestone completion date estimates. Previous experience with integration efforts with both external agencies (CDC's Secure Data Network and USDA/APHIS) has provided historical context for adjusting internal schedule estimates with appropriate additional calendar time (adjusted at a macro level since we do not have a contractual relationship with either of the agencies with which we have schedule dependencies). Internal schedule risks are also accounted for through milestone estimate adjustments for historical experience, though are more directly tied to specific WBS tasks. The investment development effort is a complex project with multiple time-phased releases, however the major architectural elements are complete, integrated, and deployed; they no longer represent significant schedule risk. Initial Cost Risk is no longer a major factor since the investment has attained initial operational deployment and is 3.5 years into its contract. In addition, several major changes of direction for the program, driven both internally and through external direction (e.g., OMB direction to change development to a joint inter-agency system) make original cost estimates invalid. This investment is incrementally funded through annual exercise of option years to the contract base year (each year is fully funded/committed as funds are available). The original, modified, and current investment budget cost estimates are OMB approved. Lifecycle Cost Risk is estimated against the base year and 4 option years of the current contract, plus an additional estimated five years of use. Original Cost Benefit Analysis (CBA) figures present a Benefit-Cost Ratio of 1.64 with a payback period of approximately 7 years. As noted in the schedule risk and initial cost risk sections above, schedule adjustments have been made for both internal and external schedule risks, and associated cost estimates have been approved by OMB. The costs reported to OMB and used in the CBA include all development costs (DME) for the current contract period and estimated maintenance costs of the system/software for the projected five year follow-on contract (in line with the expected life cycle of the system). Earned Value Management information is reported monthly and overall investment cost and schedule variances are less than one percent and expected to remain well below 10% for the remainder of the contract.

**COST & SCHEDULE**

Does the earned value management system meet the criteria in ANSI/EIA Standard 748?

no

2.a. What is the Planned Value (PV)?
16.857
2.b. What is the Earned Value (EV)?
16.857
2.c. What is the actual cost of work performed (AC)?
17.752
What costs are included in the reported Cost/Schedule Performance information?
Contractor and Government
2.e. As of date:
2006-12-29
3. What is the calculated Schedule Performance Index (SPI= EV/PV)?
1
4. What is the schedule variance (SV = EV-PV)?
0.000
5. What is the calculated Cost Performance Index (CPI = EV/AC)?
0.95
6. What is the cost variance (CV = EV-AC)?
-0.895
7. Is the CV or SV greater than 10%?
no
7.d. What is most current Estimate at Completion?
36.063
8. Have any significant changes been made to the baseline during the past fiscal year?
no