

**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>	38
<b>4. Investment Name:</b>	CMS Data Management Operations - Beneficiary (Formerly Data Management Operations)
<b>5. UPI:</b>	009-38-01-04-01-1150-00
<b>6. What kind of investment will this be in FY2008?</b>	
Operations and Maintenance	
<b>7. What was the first budget year this investment was submitted to OMB?</b>	
FY2007	
<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>This investment is for maintenance of the Medicare Beneficiary Database (MBD). The MBD is a central repository of beneficiary (hereafter called 'bene') enrollment &amp; claims payment data. MBD data &amp; services are critical to all CMS components, including a tight coupling with other CMS mission critical systems such as those that compute plan payments &amp; those that support the Medicare prescription drug benefits. Other agencies such as the states, RRB &amp; SSA use MBD data to administer their programs. In addition, MBD data is relied upon by many federal oversight &amp; law enforcement agencies, &amp; hundreds of research projects sponsored by both federal &amp; private research institutions. The MMA legislation significantly expanded the role of the MBD, as well as adding significant changes to the size &amp; functions of the system. The MBD houses current &amp; historical bene data from 2000 thru the present. MBD data includes bene insurance profile data for over 60M benes, who have been or are currently entitled to Medicare, are disabled &amp; entitled to Medicare, or have End Stage Renal Disease. Maintenance supports continuity for the following fielded system functions: DATA SHARING-MBD centralizes the receipt &amp; storage &amp; protection of large quantities of data, manages entities accessing the data, &amp; provides data to downstream systems. DUAL ELIGABLES- MBD provides centralized receipt of low income determinations from SSA &amp; the States, deems beneficiaries that qualify as dual-eligible according to legislation, ensures low income benes are covered by benefits by identifying those that are uncovered &amp; initiating an automated enrollment into a Plan, &amp; provides critical information to the CMS areas responsible for coordinating the process with the benes &amp; the Plans. GUI/WUI-The MBD user interface provides bene level data for CMS staff to respond to bene issues. QUERY SERVICES-MBD provides online &amp; batch views of Part D data to outside entities within the Part D network of systems. Future Initiatives: implement requirements deferred since 2005 implementation of MMA, meet additional legislated MMA requirements for 2006/2007/2008. Additionally, provide a consolidated single-source interface to plans &amp; Part D entities to access both MBD &amp; payment system data via the internet. And, automate selected human processes. This investment was reviewed &amp; approved by the Information Technology Review Board &amp; is currently in the control stage of the CPIC process</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>	
yes	
<b>12.a. Will this investment include electronic assets (including computers)?</b>	
no	
<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
<i>If yes, select the initiatives that apply:</i>
Broadening Health Insurance Coverage through State Initiatives
Expanded E-Government
Human Capital
<i>13.a. Briefly describe how this asset directly supports the identified initiative(s)?</i>
Supports the implementation of e-gov by enabling CMS to provide high quality customer service. Decision time reduced by automating: data sharing, dual-eligible deeming, & data integrity checks. Provides single internet interface to plans & Part D entities for both MBD & payment systems. Centralizes receipt of low income determinations from SSA/States, deems dual-eligible benes, ensures low income benes covered by PartD by auto-enrolling the non-covered into plans.
<i>14. Does this investment support a program assessed using OMB's Program Assessment Rating Tool (PART)?</i>
no
<i>15. Is this investment for information technology (See section 53 for definition)?</i>
yes
<i>16. What is the level of the IT Project (per CIO Council's PM Guidance)?</i>
Level 3
<i>17. What project management qualifications does the Project Manager have? (per CIO Council's PM Guidance)</i>
(1) Project manager has been validated as qualified for this investment
<i>18. Is this investment identified as high risk on the Q4 - FY 2006 agency high risk report (per OMB's high risk memo)?</i>
no
<i>19. Is this a financial management system?</i>
no
<i>19.a.1. If yes, which compliance area:</i>
Not Applicable.
<i>19.a.2. If no, what does it address?</i>
MBD provides data & services necessary to compute plan payments, making MBD important to meet the CMS strategic goals to provide accurate & predictable payments, & to prevent overpayments & improper payments. MBD data & services are necessary support Medicare drug benefits & directly respond to beneficiaries, making MBD important to CMS's strategic goal to modernize program integrity for Medicare/Medicaid, & better facilitate CMS preparedness in emergencies & pandemic planning.
<i>19.b. If yes, please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A11 section 52.</i>
Not Applicable.
<i>20. What is the percentage breakout for the total FY2008 funding request for the following? (This should total 100%)</i>
<b>Hardware</b> 0
<b>Software</b> 0
<b>Services</b> 100
<b>Other</b> 0
<i>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?</i>
no
<i>22. Contact information of individual responsible for privacy related questions.</i>
<i>Name</i>
Maribel Franey
<i>Phone Number</i>
410-786-0747

*Title*  
 Director, Division of Privacy Compliance Data Deve (EDG)

*Email*  
 maribel.franey@cms.hhs.gov

23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?  
 yes

**SUMMARY OF SPEND**

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	0.000	0.000
<b>Acquisition Budgetary Resources</b>	0.000	0.000	0.000	0.000
<b>Maintenance Budgetary Resources</b>	16.346	24.241	16.485	27.704
<b>Government FTE Cost</b>	2.000	2.000	2.100	2.300
<b># of FTEs</b>	5	5	5	5

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?

no

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

Not Applicable.

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

Not Applicable.

**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	2006	Foster excellence in the design and administration of programs	Expand MBD to support the percentage of MMA Low Income Subsidy and Part D enrollment	MBD supports centralized beneficiary data and Drug Card enrollment functions	Low Income Subsidy support operational by 8/1; Auto-assignment operational by 8/30; Part D enrollment in testing by 9/15	Low Income Subsidy support operational by 8/1; Auto-assignment operational by 8/30; Part D enrollment in testing by 9/15
2	2006	Foster excellence in the design and administration of programs	Implement middleware to support number of on-line queries of beneficiary information, including 270/271 transactions and the ability of Customer Service Reps and Community Based Organizations to query MBD in real time	DA/DBA functions support over 400 CMS databases	Implement middleware to support query functions by 5/2005	Implement middleware to support query functions by 5/2005
3	2006	Promote beneficiary and public understanding of programs	Implement middleware to support number of on-line queries of beneficiary information, including 270/271 transactions and the ability of Customer Service Reps and Community Based Organizations to query MBD in real time	DA/DBA functions support over 400 CMS databases	Implement middleware to support query functions by 5/2005	Implement middleware to support query functions by 5/2005
4	2007	Promote beneficiary and public understanding of programs by expanding access to entitlement data	Percent reduction in latency time for responding to eligibility queries for entitlement data	48 Hours	36 Hours	TBD
5	2007	Design/conduct research & evaluations of health care programs, study their impacts on beneficiaries, providers, plans, States and other partners and customers; design and assess potential improvements, and develop new	Time to respond to a 4Rx inquiry	24 Hours	12 Hours	TBD

		measurement tools.				
6	2007	Protect and improve beneficiary health and satisfaction	Average time the system is fully available to all system users during a 24 hour period (system uptime)	90% availability	91% availability	TBD
19	2005	Foster excellence in the design and administration of programs	Expand MBD to support the percentage of MMA Low Income Subsidy and Part D enrollment	MBD supports centralized beneficiary data and Drug Card enrollment functions	Low Income Subsidy support operational by 8/1; Auto-assignment operational by 8/30; Part D enrollment in testing by 9/15	Low Income Subsidy support operational by 8/1; Auto-assignment operational by 8/30; Part D enrollment in testing by 9/15
20	2005	Foster excellence in the design and administration of programs	Implement middleware to support number of on-line queries of beneficiary information, including 270/271 transactions and the ability of Customer Service Reps and Community Based Organizations to query MBD in real time	DA/DBA functions support over 400 CMS databases	Implement middleware to support query functions by 5/2005	Implement middleware to support query functions by 5/2005
21	2005	Promote beneficiary and public understanding of programs	Implement middleware to support number of on-line queries of beneficiary information, including 270/271 transactions and the ability of Customer Service Reps and Community Based Organizations to query MBD in real time	DA/DBA functions support over 400 CMS databases	Implement middleware to support query functions by 5/2005	Implement middleware to support query functions by 5/2005

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
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**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

1.a. If no, please explain why?

Not Applicable.

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.

CMS Data Management: Ongoing Operations. In order to provide HHS more detail and insight into our investments, last year's major initiative was split out into a separate investment.

2.b. If no, please explain why?

Not Applicable.

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	Data Classification	Provide integrated data access for CMS operational and historical data	Data Management	Data Classification			No Reuse	3
2	Data Cleansing	Provide integrated data access for CMS operational and historical data	Data Management	Data Cleansing			No Reuse	8
3	Data Exchange	Provide exchange of data among CMS operational and historical data	Data Management	Data Exchange			No Reuse	6

4	Data Recovery	Support data integrity and incident recovery for CMS core databases	Data Management	Data Recovery			No Reuse	5
5	Data Warehouse	Support data integrity and incident recovery for CMS core databases	Data Management	Data Warehouse			No Reuse	6
6	Data Mart	Support data integrity and incident recovery for CMS core databases	Data Management	Data Mart			No Reuse	1
7	Extraction and Transformation	Provide integrated accessible data for Medicare claims processing and identification of fraud and waste	Data Management	Extraction and Transformation			No Reuse	7
8	Loading and Archiving	Provide integrated accessible data for Medicare claims processing and identification of fraud and waste	Data Management	Loading and Archiving			No Reuse	8
9	Meta Data Management	Provide integrated data access for CMS operational and historical data	Data Management	Meta Data Management			No Reuse	3
10	Data Integration	Allow users to select data from multiple CMS databases	Development and Integration	Data Integration			No Reuse	10
11	Ad Hoc	Allow users to select data from multiple CMS databases	Reporting	Ad Hoc			No Reuse	9
12	Standardized / Canned	Allow users to select data from multiple CMS databases	Reporting	Standardized / Canned			No Reuse	9
13	Graphing / Charting	Allow users to select data from multiple CMS databases	Visualization	Graphing / Charting			No Reuse	4

14	Access Control	Provide integrated data access for CMS operational and historical data	Security Management	Access Control			No Reuse	8
15	Audit Trail Capture and Analysis	Provide integrated data access for CMS operational and historical data	Security Management	Audit Trail Capture and Analysis			No Reuse	5
16	Identification and Authentication	Provide integrated data access for CMS operational and historical data	Security Management	Identification and Authentication	Identification and Authentication	009-38-01-09-02-1500-00	Internal	1
17	System Resource Monitoring	Provide integrated data access for CMS operational and historical data	Systems Management	System Resource Monitoring			No Reuse	3
18	Process Tracking	Defines the set of capabilities that allow monitoring of activities	Tracking and Workflow	Process Tracking			No Reuse	2
19	Configuration Management	Defines the set of capabilities that regulate the activities involving configuration	Management of Processes	Configuration Management			No Reuse	1
20	Quality Management	Defines the set of capabilities that support quality	Management of Processes	Quality Management			No Reuse	1

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	Process Tracking	Component Framework	Business Logic	Platform Dependent	MBDSS Mainframe Applications (4RX, BEQ, COB, RDS, LIS) are developed and maintained in IBM COBOL/DB2.
2	Process Tracking	Component Framework	Business Logic	Platform Independent	MBD User Interface (UI) is a cross platform developed in Sun Java2 Enterprise Edition and IBM/Web Sphere MQ and WebSphere WBI Broker;



3	Data Exchange	Component Framework	Data Interchange	Data Exchange	MBDSS developed and periodically maintains the following IBM COBOL/DB2 services software applications for this component of the framework.
4	Ad Hoc	Component Framework	Data Management	Reporting and Analysis	Microsoft/Excel and IBM/MVS utilities
5	Standardized / Canned	Component Framework	Data Management	Reporting and Analysis	Microsoft/Excel and IBM/MVS utilities
6	Data Exchange	Component Framework	Data Management	Database Connectivity	Some customized SQL scripts are develop and maintain using Oracle/SQL Plus. COTS prods include:Oracle client services, Oracle/SQL Plus,DB Visualizer, TOAD,JDBC, Microsoft/OBBC. Tools (IBM/Q and RFH Utility) that are used to connect to MBD.
7	Data Mart	Component Framework	Data Management	Database Connectivity	Some customized SQL scripts are develop and maintain using Oracle/SQL Plus. COTS prods include:Oracle client services, Oracle/SQL Plus,DB Visualizer, TOAD,JDBC, Microsoft/OBBC. Tools (IBM/Q and RFH Utility) that are used to connect to MBD.
8	Data Warehouse	Component Framework	Data Management	Database Connectivity	Some customized SQL scripts are develop and maintain using Oracle/SQL Plus. COTS prods include:Oracle client services, Oracle/SQL Plus,DB Visualizer, TOAD,JDBC, Microsoft/OBBC. Tools (IBM/Q and RFH Utility) that are used to connect to MBD.
9	Meta Data Management	Component Framework	Data Management	Database Connectivity	Some customized SQL scripts are develop and maintain using Oracle/SQL Plus. COTS prods include:Oracle client services, Oracle/SQL Plus,DB Visualizer, TOAD,JDBC, Microsoft/OBBC. Tools (IBM/Q and RFH Utility) that are used to connect to MBD.
10	Data Cleansing	Component Framework	Data Management	Database Connectivity	Some customized SQL scripts are develop and maintain using Oracle/SQL Plus. COTS prods include:Oracle client services, Oracle/SQL Plus,DB Visualizer, TOAD,JDBC, Microsoft/OBBC. Tools (IBM/Q and RFH Utility) that are used to connect to MBD.
11	Extraction and Transformation	Component Framework	Data Management	Database Connectivity	Some customized SQL scripts are develop and maintain using Oracle/SQL Plus. COTS prods include:Oracle client services, Oracle/SQL Plus,DB Visualizer, TOAD,JDBC, Microsoft/OBBC. Tools (IBM/Q and RFH Utility) that are used to connect to MBD.
12	Loading and Archiving	Component Framework	Data Management	Database Connectivity	Some customized SQL scripts are develop and maintain using Oracle/SQL Plus. COTS prods include:Oracle client services, Oracle/SQL Plus,DB Visualizer, TOAD,JDBC, Microsoft/OBBC. Tools (IBM/Q and RFH Utility) that are used to connect to MBD.
13	Data Recovery	Component Framework	Data Management	Database Connectivity	Some customized SQL scripts are develop and maintain using Oracle/SQL Plus.

					COTS prods include:Oracle client services, Oracle/SQL Plus,DB Visualizer, TOAD,JDBC, Microsoft/OBBC. Tools (IBM/Q and RFH Utility) that are used to connect to MBD.
14	Data Classification	Component Framework	Data Management	Database Connectivity	Some customized SQL scripts are develop and maintain using Oracle/SQL Plus. COTS prods include:Oracle client services, Oracle/SQL Plus,DB Visualizer, TOAD,JDBC, Microsoft/OBBC. Tools (IBM/Q and RFH Utility) that are used to connect to MBD.
15	Access Control	Component Framework	Security	Supporting Security Services	MBDSS uses the Individuals Authorized Access to CMS Systems (IACS) COTS product for identity management. MBDSS does not develop or modify this product.
16	Audit Trail Capture and Analysis	Component Framework	Security	Supporting Security Services	MBDSS uses the Individuals Authorized Access to CMS Systems (IACS) COTS product for identity management. MBDSS does not develop or modify this product.
17	Identification and Authentication	Component Framework	Security	Supporting Security Services	MBDSS uses the Individuals Authorized Access to CMS Systems (IACS) COTS product for identity management. MBDSS does not develop or modify this product.
18	Data Exchange	Service Access and Delivery	Delivery Channels	Intranet	The CMS Applications Portal is a Sun Java2 EE developed application that is a single point of entry for those who need to gain access through a secure connection. Applications currently accessed include IACS, MARxUI, MBD UD and 270/271 UI.
19	Data Mart	Service Access and Delivery	Delivery Channels	Intranet	The CMS Applications Portal is a Sun Java2 EE developed application that is a single point of entry for those who need to gain access through a secure connection. Applications currently accessed include IACS, MARxUI, MBD UD and 270/271 UI.
20	Data Warehouse	Service Access and Delivery	Delivery Channels	Intranet	The CMS Applications Portal is a Sun Java2 EE developed application that is a single point of entry for those who need to gain access through a secure connection. Applications currently accessed include IACS, MARxUI, MBD UD and 270/271 UI.
21	Meta Data Management	Service Access and Delivery	Delivery Channels	Intranet	The CMS Applications Portal is a Sun Java2 EE developed application that is a single point of entry for those who need to gain access through a secure connection. Applications currently accessed include IACS, MARxUI, MBD UD and 270/271 UI.
22	Data Cleansing	Service Access and Delivery	Delivery Channels	Intranet	The CMS Applications Portal is a Sun Java2 EE developed application that is a single point of entry for those who need to gain access through a secure connection. Applications currently accessed include IACS, MARxUI, MBD UD and 270/271 UI.

23	Extraction and Transformation	Service Access and Delivery	Delivery Channels	Intranet	The CMS Applications Portal is a Sun Java2 EE developed application that is a single point of entry for those who need to gain access through a secure connection. Applications currently accessed include IACS, MARxUI, MBD UD and 270/271 UI.
24	Loading and Archiving	Service Access and Delivery	Delivery Channels	Intranet	The CMS Applications Portal is a Sun Java2 EE developed application that is a single point of entry for those who need to gain access through a secure connection. Applications currently accessed include IACS, MARxUI, MBD UD and 270/271 UI.
25	Data Recovery	Service Access and Delivery	Delivery Channels	Intranet	The CMS Applications Portal is a Sun Java2 EE developed application that is a single point of entry for those who need to gain access through a secure connection. Applications currently accessed include IACS, MARxUI, MBD UD and 270/271 UI.
26	Data Classification	Service Access and Delivery	Delivery Channels	Intranet	The CMS Applications Portal is a Sun Java2 EE developed application that is a single point of entry for those who need to gain access through a secure connection. Applications currently accessed include IACS, MARxUI, MBD UD and 270/271 UI.
27	Data Integration	Service Access and Delivery	Access Channels	Web Browser	MBDSS uses Microsoft Explorer web browsing software in developing UI applications (please see MBDUI and 270/271 UI above). MBDSS does not modify or customize this browser software. It's installed, configured and maintained by the CMS Help Desk.
28	Data Warehouse	Service Access and Delivery	Service Requirements	Hosting	All Northrop Grumman applications are hosted at the CMS Data Center
29	Data Mart	Service Access and Delivery	Service Requirements	Hosting	All Northrop Grumman applications are hosted at the CMS Data Center
30	System Resource Monitoring	Service Access and Delivery	Service Requirements	Legislative / Compliance	MBDSS compliance is regulated in conjunction with CMS. Software used to prepare and disseminate project deliverables is MS/Project, Excel, Word and MS/Access, as well as MS/Outlook for communications.
31	Access Control	Service Access and Delivery	Service Requirements	Legislative / Compliance	MBDSS compliance is regulated in conjunction with CMS. Software used to prepare and disseminate project deliverables is MS/Project, Excel, Word and MS/Access, as well as MS/Outlook for communications.
32	Audit Trail Capture and Analysis	Service Access and Delivery	Service Requirements	Legislative / Compliance	MBDSS compliance is regulated in conjunction with CMS. Software used to prepare and disseminate project deliverables is MS/Project, Excel, Word and MS/Access, as well as MS/Outlook for communications.
33	Identification and	Service Access and Delivery	Service Requirements	Legislative / Compliance	MBDSS compliance is regulated in conjunction with CMS. Software used to

	Authentication				prepare and disseminate project deliverables is MS/Project, Excel, Word and MS/Access, as well as MS/Outlook for communications.
34	Data Exchange	Service Interface and Integration	Interoperability	Data Format / Classification	MBDSS uses IBM/COBOL and REXX for data formatting of IDES (inbound) and ODES (outbound) data files.
35	Data Mart	Service Interface and Integration	Interoperability	Data Format / Classification	MBDSS uses IBM/COBOL and REXX for data formatting of IDES (inbound) and ODES (outbound) data files.
36	Data Warehouse	Service Interface and Integration	Interoperability	Data Format / Classification	MBDSS uses IBM/COBOL and REXX for data formatting of IDES (inbound) and ODES (outbound) data files.
37	Meta Data Management	Service Interface and Integration	Interoperability	Data Format / Classification	MBDSS uses IBM/COBOL and REXX for data formatting of IDES (inbound) and ODES (outbound) data files.
38	Data Cleansing	Service Interface and Integration	Interoperability	Data Format / Classification	MBDSS uses IBM/COBOL and REXX for data formatting of IDES (inbound) and ODES (outbound) data files.
39	Extraction and Transformation	Service Interface and Integration	Interoperability	Data Format / Classification	MBDSS uses IBM/COBOL and REXX for data formatting of IDES (inbound) and ODES (outbound) data files.
40	Loading and Archiving	Service Interface and Integration	Interoperability	Data Format / Classification	MBDSS uses IBM/COBOL and REXX for data formatting of IDES (inbound) and ODES (outbound) data files.
41	Data Recovery	Service Interface and Integration	Interoperability	Data Format / Classification	MBDSS uses IBM/COBOL and REXX for data formatting of IDES (inbound) and ODES (outbound) data files.
42	Data Classification	Service Interface and Integration	Interoperability	Data Format / Classification	MBDSS uses IBM/COBOL and REXX for data formatting of IDES (inbound) and ODES (outbound) data files.
43	Data Exchange	Service Interface and Integration	Interoperability	Data Transformation	MBDSS uses IBM/COBOL and REXX for data transformation of IDES (inbound) and ODES (outbound) data files.
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45	Data Warehouse	Service Interface and Integration	Interoperability	Data Transformation	MBDSS uses IBM/COBOL and REXX for data transformation of IDES (inbound) and ODES (outbound) data files.
46	Meta Data Management	Service Interface and Integration	Interoperability	Data Transformation	MBDSS uses IBM/COBOL and REXX for data transformation of IDES (inbound) and ODES (outbound) data files.
47	Data Cleansing	Service Interface and Integration	Interoperability	Data Transformation	MBDSS uses IBM/COBOL and REXX for data transformation of IDES (inbound) and ODES (outbound) data files.
48	Extraction and Transformation	Service Interface and Integration	Interoperability	Data Transformation	MBDSS uses IBM/COBOL and REXX for data transformation of IDES (inbound) and ODES (outbound) data files.
49	Loading and Archiving	Service Interface and Integration	Interoperability	Data Transformation	MBDSS uses IBM/COBOL and REXX for data transformation of IDES (inbound) and ODES (outbound) data files.
50	Data Recovery	Service Interface and	Interoperability	Data Transformation	MBDSS uses IBM/COBOL and REXX for data transformation of IDES (inbound)

		Integration			and ODES (outbound) data files.
51	Data Classification	Service Interface and Integration	Interoperability	Data Transformation	MBDSS uses IBM/COBOL and REXX for data transformation of IDES (inbound) and ODES (outbound) data files.
52	Data Warehouse	Service Platform and Infrastructure	Database / Storage	Database	MBD is an IBM/DB2 database hosted by the CMS Data Center. MBDSS access MBD through a portfolio of COTS data connectivity products. All direct development and maintenance of the MBD database is implemented through the CMS data center.
53	Data Warehouse	Service Platform and Infrastructure	Database / Storage	Storage	MBD data is hosted, monitored and maintained by the CMS data center.
54	Graphing / Charting	Service Platform and Infrastructure	Software Engineering	Modeling	MBDSS designers use CA/Allfusion ERWIN data modeling software installed on workstations for data modeling tasks. These data models are incorporated into the deliverables packages for quality assurance walkthroughs.
55	Configuration Management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	MBDSS uses a CMS managed COTS product, MKS Toolkit for all development and modification configuration management. Modifications to MBDSS-wide development modifications are also tracked using the COTS incident tracking software Remedy.
56	Quality Management	Service Platform and Infrastructure	Software Engineering	Test Management	Testing is implemented using IBM Mainframe IBM/MVS utilities to include TSO, and CICS. MBDSS testers are allotted space on the CMS mainframe hosted at the CMS data center.

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

no

5.a. If yes, please describe.

Not Applicable

6. Does this investment provide the public with access to a government automated information system?

no

6.a.1. If yes, provide the specific product name(s) and version number(s) of the required software and the date when the public will be able to access this investment by any software (i.e. to ensure equitable and timely access of government information and services).

Not Applicable.

### PART THREE

#### 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?

2006-08-09

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

no

2.b. If no, what is the strategy for managing the risks?

Not Applicable.

### **COST & SCHEDULE**

1. Was operational analysis conducted?

yes

1.a. If yes, provide the date the analysis was completed.

2006-11-30

What were the results of your operational analysis?

The MBD is meeting, and is expected to continue to meet projected milestones, and the MBD remains within a 10% variance for the planned O&M costs compared to actual O&M costs. We regularly meet with customers on developing expectations. Customers are and will continue to be involved in both refining metrics parameters, and in a feedback loop towards future performance and quality.

1.c. If no, please explain why it was not conducted and if there are any plans to conduct operational analysis in the future.

Not Applicable.