

**MS Word Exhibit 300 for DME/Mixed (BY2008) (Form) / NASA Integrated Enterprise Management - Core Financial (Item)**

Form Report, printed by: System Administrator, **Jan 31, 2007**

**OVERVIEW**

<b>General Information</b>	
<b>1. Date of Submission:</b>	January 31, 2007
<b>2. Agency:</b>	026
<b>3. Bureau:</b>	00
<b>4. Name of this Capital Asset:</b>	NASA Integrated Enterprise Management - Core Financial
<b>Investment Portfolio:</b>	BY OMB 300 Items
<b>5. Unique ID:</b>	026-00-01-01-01-1101-00
<b>(For IT investments only, see section 53. For all other, use agency ID system.)</b>	

**All investments**

6. What kind of investment will this be in FY2008?
<i>(Please NOTE: Investments moving to O&amp;M ONLY in FY2008, with Planning/Acquisition activities prior to FY2008 should not select O&amp;M. These investments should indicate their current status.)</i>
Mixed Life Cycle
7. What was the first budget year this investment was submitted to OMB?
FY2001 or earlier
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.
NASA's comprehensive strategy and action plan for financial management modernization and improvement are designed to fully address and resolve concrete deficiencies and immediate management challenges. Funds requested for this investment complete and stabilize the SAP Version Upgrade and will correct several fundamental and outstanding material weaknesses issued in recent audit reports. Most notably: (A) Lack of Internal Controls Surrounding Costs in Excess of Obligations and Downward Adjustments. (B) FFMIA Compliance / Upward-Downward Accounting Adjustments. Since 2003, the Core Financial (CF) system has served as NASA's financial accounting system of record and is its financial management "backbone," providing NASA's core accounting functionality. In fiscal year (FY) 2003, NASA migrated from 10 disparate legacy financial systems to 1 core accounting system. CF has been structured to ensure that NASA makes measurable and demonstrable progress toward achieving: the PMA Scorecard standards for success in Improved Financial Performance, compliance with FMFIA and FFMIA, an unqualified financial audit opinion, and alignment with the Financial Management Line of Business. This is designed to support improvements to the three central areas that affect financial performance: business processes, technology (systems/software), and reporting/data and investment consists of 4 major components, which comprise NASA's comprehensive strategy and action plan for financial management modernization and improvement: 1) Core Accounting System Integration/ SAP Implementation that integrates core accounting system supports the following functions: standard general ledger, accounts receivable, accounts payable, budget execution, purchasing, and cost management; 2) Project Management Information Improvement which is a system configuration effort completed in early FY 2006 and provides a new standard financial data structure that aligns with how NASA's programs and projects are organized; 3) Version Upgrade to SAP Software Package - a component began in FY 2006 and will be completed in FY 2007; 4) Migration to a Financial Management Line of Business Center of Excellence (FM LOB) - this portion of the investment will begin in FY 2009 and will be completed in FY 2010.
9. Did the Agency's Executive/Investment Committee approve this request?
Yes
9.a. If "yes," what was the date of this approval?
Apr 7, 2006
10. Did the Project Manager review this Exhibit?
Yes
12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project.

No

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

Yes

12.b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)

12.b.1. If "yes," is an ESPC or UESC being used to help fund this investment?

12.b.2. If "yes," will this investment meet sustainable design principles?

12.b.3. If "yes," is it designed to be 30% more energy efficient than relevant code?

13. Does this investment support one of the PMA initiatives?

Yes

If "yes," select the initiatives that apply:

<b>Human Capital</b>	
<b>Budget Performance Integration</b>	Yes
<b>Financial Performance</b>	Yes
<b>Expanded E-Government</b>	Yes
<b>Competitive Sourcing</b>	
<b>Faith Based and Community</b>	
<b>Real Property Asset Management</b>	
<b>Eliminating Improper Payments</b>	
<b>Privatization of Military Housing</b>	
<b>R and D Investment Criteria</b>	
<b>Housing and Urban Development Management and Performance</b>	
<b>Broadening Health Insurance Coverage through State Initiatives</b>	
<b>Right Sized Overseas Presence</b>	
<b>Coordination of VA and DoD Programs and Systems</b>	

13.a. Briefly describe how this asset directly supports the identified initiative(s)?

Budget and Performance Integration – provides centralized, integrated reporting for financials; fundamental in maintaining GREEN rating. Financial Performance – allows NASA to make improvements in financial management and progress toward meeting financial performance standards for success. Expanded E-Gov – migration to FM LOB COE is fully aligned with PMA Internal Efficiency and Effectiveness E-Gov portfolio goals and with goal of reducing redundancy and duplication across agencies.

14. Does this investment support a program assessed using OMB's Program Assessment Rating Tool (PART)?

Yes

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

Yes

14.b. If "yes," what is the name of the PART program assessed by OMB's Program Assessment Rating Tool?

Integrated Enterprise Management

14.c. If "yes," what PART rating did it receive?

Moderately Effective

15. Is this investment for information technology (See section 53 for definition)?

Yes

**For information technology investments only:**

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

Level 2

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)?

Yes

19. Is this a financial management system?

Yes

19.a. If "yes," does this investment address a FFIA compliance area?

Yes

19.a.1. If "yes," which compliance area:

Federal financial management systems requirements, Applicable Federal accounting standards, and The United States Government Standard General Ledger at the transaction level

19.a.2. If "no," what does it address?

19.b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52.

SAP/R3 4.6C

20. What is the percentage breakout for the total FY2008 funding request for the following? (This should total 100%)

Area	Percentage	
Hardware	0.00	
Software	10.00	
Services	90.00	
Other	0.00	
<b>Total</b>	<b>100.00</b>	

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

<b>Name</b>	Patti Stockman
<b>Phone Number</b>	202.358.4787
<b>Title</b>	NASA Records and Privacy Act Officer
<b>Email</b>	Patti.Stockman@nasa.gov

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

No

**SUMMARY OF FUNDING**

**SUMMARY OF SPENDING FOR PROJECT PHASES (In Millions)**

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)

	<b>PY</b>	<b>CY</b>	<b>BY</b>
	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Planning:</b>	2.030	0.825	0.000
<b>Acquisition:</b>	25.760	1.694	0.000
<b>Subtotal Planning &amp; Acquisition:</b>	27.790	2.519	0.000
<b>Operations &amp; Maintenance:</b>	0.000	3.895	4.224
<b>TOTAL</b>	27.790	6.414	4.224
<b>Government FTE Costs</b>	5.237	1.755	0.675
<b># of FTEs</b>	46.3	15.1	4.5
<b>Total, BR + FTE Cost</b>	33.027	8.169	4.899

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?

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

Overall CMM's FY 2008 lifecycle summary of spending total has increased by approximately 13% over the FY2007 request. A 12% increase over the FY 2007 CMM summary of spending is due to the fact that the FY 2008 summary of spending lifecycle was extended by two years in order to provide a full ten years' worth of costs, after the FY 2007 system "Go Live" date. The remainder of the increase is due to an estimated increase in Operation and Maintenance (O&M) costs based on greater O&M infrastructure costs and more accurate cost risk adjustment.

Budget Comments \* Internal Use Only\*

**PERFORMANCE**

**Performance Information**

*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)
<b>1</b>						
<b>2</b>						

*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 Category	Measurement Grouping	Measurement Indicator	Baseline	Planned Improvements to the Baseline	Actual Results
<b>1</b>	2006	Mission and Business Results	Financial Management	Accounting	A measure of interest penalties paid on late invoices	1,193 payments - \$67K	Provide information to support the amount of interest penalties paid on all invoices that are subject to the Prompt Payment Act within 2 business days after the period close.	TBD
<b>2</b>	2006	Mission and Business Results	Financial Management	Accounting	A measure for reconciliation (Prepays, Budgetary to Proprietary (AP), Budgetary to Proprietary (Cost), Unexpended to Expended Appropriation, Funded Expenses, Reimbursable Advances, Reimbursable Revenue, Reimbursable Receivables, Property)	Prepays:-8.8K;Budgetary to Proprietary (AP)-2.1M;Budgetary to Proprietary (Cost)-5.6K ;Unexpended to Expended Appropriation-9.8K 5;Funded Expenses-6.3M;Reimbursable Advances-0;Reimbursable Revenue-73K ;Reimbursable Receivables-1.3M;Property-0	The Account Relationship reconciliations, defined in Volume 19 of the Financial Management Regulations (FMR) 'Periodic Monitoring Controls Activities', will decrease in dollar amount by 25% per Center.	TBD

<b>3</b>	2006	Customer Results	Customer Benefit	Customer Satisfaction	Average customer service rating with data integrity within the end user group for Core Financial	3.0	Average rating of 4.0 or higher on a 5 point scale.	TBD
<b>4</b>	2006	Customer Results	Customer Benefit	Customer Satisfaction	Average customer satisfaction rating with ease of access within the end user group for Core Financial	3.6	Average rating of 4.0 or higher on a 5 point scale.	TBD
<b>5</b>	2006	Customer Results	Customer Benefit	Customer Satisfaction	Average customer satisfaction rating with data availability within the end user group for business warehouse (BW)	3.2	Average rating of 4.0 or higher on a 5 point scale.	TBD
<b>6</b>	2006	Customer Results	Customer Benefit	Customer Satisfaction	Average customer satisfaction rating on the reliance theme for the Competency Center's support of the Centers within the Leaders and Enablers survey groups	3.4	Average rating of 4.0 or higher on a 5 point scale.	TBD
<b>7</b>	2006	Processes and Activities	Productivity and Efficiency	Efficiency	Timeliness of funds distribution process (time from receipt of apportionment to distribution of funds to Center)	65 Days	The NASA internal process for funds distribution will be equal to or less than 12 days.	TBD
<b>8</b>	2006	Processes and Activities	Productivity and Efficiency	Efficiency	# year end closing (steps/time to perform)	120 Steps/4.5 days (60 Hours)	The number of system steps will be reduced, which will enable system year end processes to be completed in 5 days.	TBD
<b>9</b>	2006	Processes and Activities	Productivity and Efficiency	Efficiency	Budget distribution # steps to perform	45 steps for appropriated funds	Reduce the number of duplicate steps executed between SAP and Central Resources Control System-1 (CRCS-1) by 80%.	TBD
<b>10</b>	2006	Technology	Reliability and Availability	Availability	System hardware availability	97.99%	99.8	TBD
<b>11</b>	2006	Technology	Reliability and Availability	Availability	System availability for users (including user lockout)	97.47%	99.8%	TBD
<b>12</b>	2006	Technology	Reliability and Availability	Availability	In any one month period, 95% of 'Severity 1' problems resolved within 4 hours	100%	95%	TBD
<b>13</b>	2006	Technology	Reliability and Availability	Availability	In any one month period, 90% of 'Severity 2' problems resolved within 8 primary business hours	100%	90%	TBD

14	2007	Mission and Business Results	Financial Management	Accounting	A measure of interest penalties paid on late invoices	1,193 payments - \$67K	Continue to provide information to support the amount of interest penalties paid on all invoices that are subject to the Prompt Payment Act within 2 business days after the period close.	TBD
15	2007	Mission and Business Results	Financial Management	Accounting	A measure for reconciliation (Prepays, Budgetary to Proprietary (AP), Budgetary to Proprietary (Cost), Unexpended to Expended Appropriation, Funded Expenses, Reimbursable Advances, Reimbursable Revenue, Reimbursable Receivables, Property)	Prepays:-8.8K;Budgetary to Proprietary (AP)-2.1M;Budgetary to Proprietary (Cost)-5.6K ;Unexpended to Expended Appropriation-9.8K 5;Funded Expenses-6.3M;Reimbursable Advances-0;Reimbursable Revenue-73K ;Reimbursable Receivables-1.3M;Property-0	The Account Relationship reconciliations, defined in Volume 19 of the Financial Management Regulations (FMR) 'Periodic Monitoring Controls Activities', will decrease in dollar amount by 50% per Center.	TBD
16	2007	Customer Results	Customer Benefit	Customer Satisfaction	Average customer service rating with data integrity within the end user group for Core Financial	3.0	Maintain average rating of 4.0 or higher on a 5 point scale.	TBD
17	2007	Customer Results	Customer Benefit	Customer Satisfaction	Average customer satisfaction rating with ease of access within the end user group for Core Financial	3.6	Maintain average rating of 4.0 or higher on a 5 point scale.	TBD
18	2007	Customer Results	Customer Benefit	Customer Satisfaction	Average customer satisfaction rating with data availability within the end user group for business warehouse (BW)	3.2	Maintain average rating of 4.0 or higher on a 5 point scale.	TBD
19	2007	Customer Results	Customer Benefit	Customer Satisfaction	Average customer satisfaction rating on the reliance theme for the Competency Center's support of the Centers within the Leaders and Enablers survey groups	3.4	Maintain average rating of 4.0 or higher on a 5 point scale.	TBD
20	2007	Processes and Activities	Productivity and Efficiency	Efficiency	Timeliness of funds distribution process (time from receipt of apportionment to distribution of funds to Center)	65 Days	The NASA internal process for funds distribution will continue to be equal to or less than 12 days.	TBD
21	2007	Processes and Activities	Productivity and Efficiency	Efficiency	# year end closing (steps/time to perform)	120 Steps/4.5 days (60 Hours)	The number of system steps which will enable system year end processes will continue to be completed in 5 days.	TBD
22	2007	Processes and Activities	Productivity and Efficiency	Efficiency	Budget distribution # steps to perform	45 steps for appropriated funds	Continue to reduce the number of duplicate steps executed between SAP and Central Resources Control System-1 (CRCS-1) by 80%.	TBD

<b>23</b>	2007	Technology	Reliability and Availability	Availability	System hardware availability	97.99%	Maintain 99.8 availability	TBD
<b>24</b>	2007	Technology	Reliability and Availability	Availability	System availability for users (including user lockout)	97.47%	Maintain 99.8 availability	TBD
<b>25</b>	2007	Technology	Reliability and Availability	Availability	In any one month period, 95% of 'Severity 1' problems resolved within 4 hours	100%	Maintain 95% resolution rate	TBD
<b>26</b>	2007	Technology	Reliability and Availability	Availability	In any one month period, 90% of 'Severity 2' problems resolved within 8 primary business hours	100%	Maintain 90% resolution rate	TBD
<b>27</b>	2008	Mission and Business Results	Financial Management	Accounting	A measure of interest penalties paid on late invoices	1,193 payments - \$67K	Continue to provide information to support the amount of interest penalties paid on all invoices that are subject to the Prompt Payment Act within 2 business days after the period close.	TBD
<b>28</b>	2008	Mission and Business Results	Financial Management	Accounting	A measure for reconciliation (Prepays, Budgetary to Proprietary (AP), Budgetary to Proprietary (Cost), Unexpended to Expended Appropriation, Funded Expenses, Reimbursable Advances, Reimbursable Revenue, Reimbursable Receivables, Property)	Prepays:-8.8K;Budgetary to Proprietary (AP)-2.1M;Budgetary to Proprietary (Cost)-5.6K ;Unexpended to Expended Appropriation-9.8K 5;Funded Expenses-6.3M;Reimbursable Advances-0;Reimbursable Revenue-73K ;Reimbursable Receivables-1.3M;Property-0	The Account Relationship reconciliations, defined in Volume 19 of the Financial Management Regulations (FMR) 'Periodic Monitoring Controls Activities', will decrease in dollar amount by 75% per Center.	TBD
<b>29</b>	2008	Customer Results	Customer Benefit	Customer Satisfaction	Average customer service rating with data integrity within the end user group for Core Financial	3.0	Maintain average rating of 4.0 or higher on a 5 point scale.	TBD
<b>30</b>	2008	Customer Results	Customer Benefit	Customer Satisfaction	Average customer satisfaction rating with ease of access within the end user group for Core Financial	3.6	Maintain average rating of 4.0 or higher on a 5 point scale.	TBD
<b>31</b>	2008	Customer Results	Customer Benefit	Customer Satisfaction	Average customer satisfaction rating with data availability within the end user group for business warehouse (BW)	3.2	Maintain average rating of 4.0 or higher on a 5 point scale.	TBD
<b>32</b>	2008	Customer Results	Customer Benefit	Customer Satisfaction	Average customer satisfaction rating on the reliance theme for the Competency Center's support of the Centers within the Leaders and Enablers survey groups	3.4	Maintain average rating of 4.0 or higher on a 5 point scale.	TBD

<b>33</b>	2008	Processes and Activities	Productivity and Efficiency	Efficiency	Timeliness of funds distribution process (time from receipt of apportionment to distribution of funds to Center)	65 Days	The NASA internal process for funds distribution will continue to be equal to or less than 12 days.	TBD
<b>34</b>	2008	Processes and Activities	Productivity and Efficiency	Efficiency	# year end closing (steps/time to perform)	120 Steps/4.5 days (60 Hours)	The number of system steps which will enable system year end processes will continue to be completed in 5 days.	TBD
<b>35</b>	2008	Processes and Activities	Productivity and Efficiency	Efficiency	Budget distribution # steps to perform	45 steps for appropriated funds	Continue to reduce the number of duplicate steps executed between SAP and Central Resources Control System-1 (CRCS-1) by 80%.	TBD
<b>36</b>	2008	Technology	Reliability and Availability	Availability	System hardware availability	97.99%	Maintain 99.8 availability	TBD
<b>37</b>	2008	Technology	Reliability and Availability	Availability	System availability for users (including user lockout)	97.47%	Maintain 99.8 availability	TBD
<b>38</b>	2008	Technology	Reliability and Availability	Availability	In any one month period, 95% of 'Severity 1' problems resolved within 4 hours	100%	Maintain 95% resolution rate	TBD
<b>39</b>	2008	Technology	Reliability and Availability	Availability	In any one month period, 90% of 'Severity 2' problems resolved within 8 primary business hours	100%	Maintain 90% resolution rate	TBD

**EA**

**Enterprise Architecture (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?

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.

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2.b. If "no," please explain why?

**Service Reference Model**

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.*

	<b>Agency Component Name</b>	<b>Agency Component Description</b>	<b>Service Domain</b>	<b>Service Type</b>	<b>Component</b>	<b>Reused Component Name</b>	<b>Reused UPI</b>	<b>Internal or External Reuse?</b>	<b>Funding %</b>
<b>1</b>	Budget Distribution	Distribution of agency budget	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08

<b>2</b>	Budget Execution	Distribution of agency budget	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>3</b>	Bankcard purchases	Procurement via credit card	Back Office Services	Financial Management	Credit / Charge			No Reuse	2.08
<b>4</b>	Bankcard purchases	Procurement via credit card	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>5</b>	Bankcard purchases	Procurement via credit card	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>6</b>	Supply Acquisition	Procurement of supplies	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>7</b>	Supply Acquisition	Procurement of supplies	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>8</b>	Supply Management	Managing supply chain	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>9</b>	Supply Management	Managing supply chain	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>10</b>	Service Acquisition - Contractor Cost Reporting	Processing Contractor Costs	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>11</b>	Service Acquisition - Contractor Cost Reporting	Processing Contractor Costs	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>12</b>	Service Acquisition - IDIQ task orders	Procurement of indefinite delivery/quantity of task order	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>13</b>	Service Acquisition - IDIQ task orders	Procurement of indefinite delivery/quantity of task orders	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>14</b>	Straight line processing	Low value low cost contract processing	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>15</b>	Straight line processing	low value low cost contract processing	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>16</b>	Grant processing	processing grants	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>17</b>	Grant processing	processing grants	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>18</b>	Customer Account Management	managing customer information	Back Office Services	Financial Management	Debt Collection			No Reuse	2.08
<b>19</b>	Customer Account Management	managing customer information	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08

<b>20</b>	Customer Account Management	managing customer information	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>21</b>	Labor Processing	Processing labor costs	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>22</b>	Assessment Cycles	Performing Cost Assessment Fiscal quarter and year-end processing	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>23</b>	Closing and periodic Processing	Fiscal quarter and year-end processing	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>24</b>	Working Capital Fund	Management of non-fiscal year funds	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>25</b>	Upward Downward adjustments	Processing obligation adjustments	Back Office Services	Financial Management	Billing and Accounting			No Reuse	2.08
<b>26</b>	Regular travel	Processing domestic travel	Back Office Services	Financial Management	Expense Management			No Reuse	2.08
<b>27</b>	Regular Travel	Processing domestic travel	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>28</b>	Foreign travel	Processing foreign travel	Back Office Services	Financial Management	Expense Management			No Reuse	2.08
<b>29</b>	Foreign travel	Processing foreign travel	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>30</b>	Cash Advance Travel	Processing cash advances	Back Office Services	Financial Management	Expense Management			No Reuse	2.08
<b>31</b>	Cash Advance Travel	processing cash advances	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>32</b>	Extended travel	Processing travel that requires extended periods of time	Back Office Services	Financial Management	Expense Management			No Reuse	2.08
<b>33</b>	Extended travel	Processing travel that requires extnded periods of time	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>34</b>	Cancelled Travel	Processing canceled travel vouchers	Back Office Services	Financial Management	Expense Management			No Reuse	2.08
<b>35</b>	Cancelled Travel	Processing canceled travel vouchers	Back Office Services	Financial Management	Payment / Settlement			No Reuse	2.08
<b>36</b>	Full Cost Reporting	Reporting project costs according to Full Cost initiative	Business Analytical Services	Reporting	OLAP			No Reuse	2.08
<b>37</b>	Full Cost Reporting	Reporting costs according to Full Cost initiative	Business Analytical Services	Reporting	Standardized / Canned			No Reuse	2.08

38	Full Cost Reporting	Reporting project costs according to Full Cost initiative	Business Analytical Services	Reporting	Ad Hoc			No Reuse	2.08
39	Contract Reporting	Reporting of Contract information	Business Analytical Services	Reporting	OLAP			No Reuse	2.08
40	Contract Reporting	Reporting of contract information	Business Analytical Services	Reporting	Standardized / Canned			No Reuse	2.08
41	Contract Reporting	Reporting of contract information	Business Analytical Services	Reporting	Ad Hoc			No Reuse	2.10
42	Accounts Payable Reporting	Reporting of AP activities	Business Analytical Services	Reporting	OLAP			No Reuse	2.10
43	Accounts Payable Reporting	Reporting of AP activities	Business Analytical Services	Reporting	Standardized / Canned			No Reuse	2.10
44	Accounts Payable Reporting	Reporting of AP Activities	Business Analytical Services	Reporting	Ad Hoc			No Reuse	2.10
45	Accounts Receivable reporting	Reporting of AR activities	Business Analytical Services	Reporting	OLAP			No Reuse	2.10
46	Accounts Receivable reporting	Reporting of AR activities	Business Analytical Services	Reporting	Standardized / Canned			No Reuse	2.10
47	Accounts Receivable reporting	Reporting of AR Activities	Business Analytical Services	Reporting	Ad Hoc			No Reuse	2.10
48	Financial Statements	Generation of annual financial statements (e.g. Balance sheet)	Business Analytical Services	Reporting	OLAP			No Reuse	2.10

### Technical Reference Model

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.

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<b>SRM Component</b>	<b>Service Area</b>	<b>Service Category</b>	<b>Service Standard</b>
Billing and Accounting	Service Access and Delivery	Access Channels	Web Browser
Billing and Accounting	Service Access and Delivery	Access Channels	Web Browser
Billing and Accounting	Service Access and Delivery	Access Channels	Other Electronic Channels
Billing and Accounting	Service Access and Delivery	Delivery Channels	Intranet
Billing and Accounting	Service Access and Delivery	Delivery Channels	Intranet
Billing and Accounting	Service Access and Delivery	Delivery Channels	Intranet
Billing and Accounting	Service Access and Delivery	Service Requirements	Legislative / Compliance
Billing and Accounting	Service Access and Delivery	Service Requirements	Legislative / Compliance
Billing and Accounting	Service Access and Delivery	Service Requirements	Legislative / Compliance
Billing and Accounting	Service Access and Delivery	Service Requirements	Legislative / Compliance
Billing and Accounting	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on
Billing and Accounting	Service Access and Delivery	Service Requirements	Hosting
Billing and Accounting	Service Access and Delivery	Service Requirements	Hosting
Billing and Accounting	Service Access and Delivery	Service Transport	Supporting Network Services
Billing and Accounting	Service Access and Delivery	Service Transport	Supporting Network Services
Billing and Accounting	Service Access and Delivery	Service Transport	Service Transport
Billing and Accounting	Service Access and Delivery	Service Transport	Service Transport
Billing and Accounting	Service Access and Delivery	Service Transport	Service Transport
Billing and Accounting	Service Access and Delivery	Service Transport	Service Transport
Billing and Accounting	Service Access and Delivery	Service Transport	Service Transport
Billing and Accounting	Service Platform and Infrastructure	Support Platforms	Platform Independent
Billing and Accounting	Service Platform and Infrastructure	Support Platforms	Platform Independent
Billing and Accounting	Service Platform and Infrastructure	Support Platforms	Platform Independent
Billing and Accounting	Service Platform and Infrastructure	Support Platforms	Platform Dependent
Billing and Accounting	Service Platform and Infrastructure	Support Platforms	Platform Dependent
Billing and Accounting	Service Platform and Infrastructure	Support Platforms	Platform Dependent
Billing and Accounting	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment
Billing and Accounting	Service Platform and Infrastructure	Software Engineering	Software Configuration Management

Billing and Accounting	Service Platform and Infrastructure	Software Engineering	Test Management
Billing and Accounting	Service Platform and Infrastructure	Delivery Servers	Web Servers
Billing and Accounting	Service Platform and Infrastructure	Delivery Servers	Web Servers
Billing and Accounting	Service Platform and Infrastructure	Database / Storage	Database
Billing and Accounting	Service Platform and Infrastructure	Database / Storage	Storage
Billing and Accounting	Service Platform and Infrastructure	Hardware / Infrastructure	Servers / Computers
Billing and Accounting	Service Platform and Infrastructure	Hardware / Infrastructure	Wide Area Network (WAN)
Billing and Accounting	Component Framework	Presentation / Interface	Static Display
Billing and Accounting	Component Framework	Security	Supporting Security Services
Billing and Accounting	Component Framework	Security	Supporting Security Services
Billing and Accounting	Component Framework	Data Interchange	Data Exchange
Billing and Accounting	Component Framework	Data Interchange	Data Exchange
Billing and Accounting	Component Framework	Data Management	Database Connectivity
Billing and Accounting	Component Framework	Data Management	Reporting and Analysis
Billing and Accounting	Service Interface and Integration	Integration	Middleware
Billing and Accounting	Service Interface and Integration	Integration	Enterprise Application Integration
Credit / Charge	Service Access and Delivery	Access Channels	Web Browser
Credit / Charge	Service Access and Delivery	Access Channels	Web Browser
Credit / Charge	Service Access and Delivery	Access Channels	Other Electronic Channels
Credit / Charge	Service Access and Delivery	Delivery Channels	Intranet
Credit / Charge	Service Access and Delivery	Delivery Channels	Intranet
Credit / Charge	Service Access and Delivery	Delivery Channels	Intranet
Credit / Charge	Service Access and Delivery	Service Requirements	Legislative / Compliance
Credit / Charge	Service Access and Delivery	Service Requirements	Legislative / Compliance
Credit / Charge	Service Access and Delivery	Service Requirements	Legislative / Compliance
Credit / Charge	Service Access and Delivery	Service Requirements	Legislative / Compliance
Credit / Charge	Service Access and Delivery	Service Requirements	Authentication / Single Sign-on
Credit / Charge	Service Access and Delivery	Service Requirements	Hosting
Credit / Charge	Service Access and Delivery	Service Requirements	Hosting
Credit / Charge	Service Access and Delivery	Service Transport	Supporting Network Services
Credit / Charge	Service Access and Delivery	Service Transport	Supporting Network Services

Credit / Charge	Service Access and Delivery	Service Transport	Service Transport
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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.

The Core Financial investment will leverage existing components and applications across the Federal Government by aligning itself with the Financial Management Line of Business Initiative. Beginning in FY 2009, NASA will start to migrate its core accounting functions to a Financial Management Line of Business Center of Excellence, with a projected completion date of 2010. This Center of Excellence will provide hosting, refreshes, upgrades and other services related to the Agency's use and maintenance of an SAP ERP system for core accounting functionality.

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

No

6.a. If "yes," does customer access require specific software (e.g., a specific web browser version)?

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).

## RISK

### Risk Management

*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?*

Aug 1, 2005

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

No

*1.c. If "yes," describe any significant changes:*

*2. If there is currently no plan, will a plan be developed?*

*2.a. If "yes," what is the planned completion date?*

*2.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: (O&M investments do NOT need to answer.)*

A program, based on the CF Risk Management Plan, is in place to ensure that investment risks are reflected in the lifecycle cost estimate and schedule on an ongoing basis. After the initial risk assessment for CF, documented in the 2/7/05 Risk Management Plan for CF, the Program Director oversees risk management jointly with the Project Manager in Monthly Status Report meetings and in Quarterly Risk Review meetings. During these 2 forums, the CF project risk matrix is reviewed and updated. Values are assigned to risks or updated, then risks are prioritized or re-prioritized in terms of their project impact. Cost impact is evaluated during this process. Costs incurred to eliminate, reduce, or respond to risk are documented and updated to ensure that project lifecycle costs and schedule estimates:

- (A) are kept current throughout the fiscal year and
- (B) reflect the implementation of risk response and risk mitigation strategies as necessary.

As part of CF's ongoing and regularly scheduled risk management activities, all lifecycle costs are risk-adjusted using Crystal Ball. Crystal Ball is a software add-in to Microsoft Excel that performs Monte Carlo simulations on risk reserve estimates. For each risk, the project manager identifies the likelihood and impact for each risk as well as an effort/rate cost range. Using this data, the Monte Carlo simulation runs 1000 iterations of the risk estimate. The result of the simulation is a distribution profile that shows not only the expected cost to mitigate the risk, but also a range of costs that may be expected.

**COST & SCHEDULE**

**Cost and Schedule Performance**

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

No

2. Answer the following questions about current cumulative cost and schedule performance. The numbers reported below should reflect current actual information. (Per OMB requirements Cost/Schedule Performance information should include both Government and Contractor Costs):

2.a. What is the Planned Value (PV)?

176.700

2.b. What is the Earned Value (EV)?

173.500

2.c. What is the actual cost of work performed (AC)?

159.750

2.d. What costs are included in the reported Cost/Schedule Performance information?

Contractor and Government

2.e. "As of" date:

May 31, 2006

3. What is the calculated Schedule Performance Index (SPI= EV/PV)?

0.98

4. What is the schedule variance (SV = EV-PV)?

-3.200

5. What is the calculated Cost Performance Index (CPI = EV/AC)?

1.09

6. What is the cost variance (CV = EV-AC)?

13.750

7. Is the CV or SV greater than 10%?

No



7.a. If "yes," was it the CV or SV or both?

7.b. If "yes," explain the variance.

7.c. If "yes," what corrective actions are being taken?

7.d. What is most current "Estimate at Completion"?

191.884

8. Have any significant changes been made to the baseline during the past fiscal year?

No

8.a. If "yes," when was it approved by OMB?

**Actual Performance against the Current 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).

	<b>Description of Milestone</b>	<b>Initial End Date</b>	<b>Initial Total Cost (\$mil)</b>	<b>Planned End Date</b>	<b>Actual End Date</b>	<b>Planned Total Cost (\$mil)</b>	<b>Actual Total Cost (\$mil)</b>	<b>Schedule Variance (# of days)</b>	<b>Cost Variance (\$mil)</b>	<b>Percent Complete</b>
<b>1</b>	Core Financial	Jun 30, 2004	115.100	Jun 30, 2004	Jun 30, 2004	115.100	115.100	0	0.000	100.00
<b>2</b>	Project Management Info Improvement Implementation	Mar 31, 2006	11.800	Mar 31, 2006	Mar 31, 2006	11.800	19.399	0	7.599	100.00
<b>3</b>	SAP Version Update	Nov 30, 2006	81.500	Nov 30, 2006		81.500	25.251		-56.249	57.14
<b>4</b>	FY 07 Operations and Support	Sep 30, 2007	29.535	Sep 30, 2007		29.535	0.000		-29.535	0.00
<b>5</b>	FY 08 Operations and Support	Sep 30, 2008	30.613	Sep 30, 2008		30.613	0.000		-30.613	0.00
<b>6</b>	FY 06 Operations and Support	Sep 30, 2006	31.558	Sep 30, 2006		31.558	4.273		-27.285	13.54
<b>7</b>	FY 05 and Prior Operations and Support	Sep 30, 2005	21.900	Sep 30, 2005	Sep 30, 2005	21.900	18.500	0	-3.400	100.00
<b>8</b>	Operations and Support	Sep 30, 2009	22.720	Sep 30, 2009		22.720				0.00
<b>9</b>	Operations and Support	Sep 30, 2010	23.900	Sep 30, 2010		23.900				0.00
<b>10</b>	Operations and Support	Sep 30, 2011	20.160	Sep 30, 2011		20.160				0.00
<b>11</b>	Operations and Support	Sep 30, 2012	18.450	Sep 30, 2012		18.450				0.00
<b>12</b>	Operations and Support	Sep 30, 2013	19.100	Sep 30, 2013		19.100				0.00
<b>13</b>	Operations and Support	Sep 30, 2014	19.760	Sep 30, 2014		19.760				0.00
<b>14</b>	Operations and Support	Sep 30, 2015	20.450	Sep 30, 2015		20.450				0.00

15	Operations and Support	Sep 30, 2016	21.170	Sep 30, 2016		21.170				0.00
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			DME	Steady State	Total
<b>Completion date:</b> <b>Current Baseline:</b>	Sep 30, 2015	<b>Total cost:</b> <b>Current Baseline:</b>	208.400	279.316	487.716
<b>Estimated completion date:</b>	Sep 30, 2015	<b>Estimate at completion:</b>	191.884	290.450	455.575