

Cost and Schedule of Milestones

Project Name	FSA FMS - Modernization Integration and Oracle Upgrade
---------------------	--

	Planned Start Date	Planned Completion Date	Total Milestone Cost (BCWS* or Planned Value)	Planned Percentage of Milestone Completed at 03/31/2002	Planned Value of Work Scheduled at 03/31/2002	Actual Percentage of Milestone Completed	Actual Costs of Work Performed	Earned Value (Budgeted Cost of Work Performed)
Development:								
FMS Phase III	10/1/2000	1/22/2002	10,300.0	100%	10,300.0	100%	10,300.0	10,300.0
Interface w/ eCampus Based	11/1/2001	3/15/2002	500.0	100%	500.0	100%	500.0	500.0
Interface w/ COD	11/1/2001	4/29/2002	2,000.0	84%	1,676.0	84%	1,680.0	1,680.0
Interface w/ AR/FFEL Lender	11/1/2001	6/30/2002	1,500.0	62%	933.6	62%	930.0	930.0
Contingency FMS/GAPS	9/1/2001	2/15/2002	2,550.0	100%	2,550.0	100%	2,550.0	2,550.0
Enhancements due to Lender Rec	10/1/2002	6/30/2003	4,000.0	0%	0.0			0.0
Interface with DCS	10/1/2002	6/30/2003	2,600.0	0%	0.0			0.0
Interface with NSLDSII	7/1/2003	9/30/2004	5,100.0	0%	0.0			0.0
				0%	0.0			0.0
				0%	0.0			0.0
				0%	0.0			0.0
				0%	0.0			0.0
				0%	0.0			0.0
				0%	0.0			0.0
				0%	0.0			0.0
				0%	0.0			0.0
				0%	0.0			0.0
				0%	0.0			0.0
Development Subtotal			28,550.0		15,959.6		15,960.0	15,960.0
Maintenance:								
FY 2001	10/1/2000	9/30/2001	1,800.0	100%	1,800.0	100%	1,800.0	1,800.0
FY 2002								
1st Quarter	10/1/2001	12/31/2001	2,234.0	100%	2,234.0	100%	2,234.0	2,234.0
2nd Quarter	1/1/2002	3/31/2002	2,234.0	100%	2,234.0	100%	2,234.0	2,234.0
3rd Quarter	4/1/2002	6/30/2002	2,234.0	0%	0.0			0.0
4th Quarter	7/1/2002	9/30/2002	2,234.0	0%	0.0			0.0
FY 2003								
1st Quarter	10/1/2002	12/31/2002	2,608.5	0%	0.0			0.0
2nd Quarter	1/1/2003	3/31/2003	2,608.5	0%	0.0			0.0
3rd Quarter	4/1/2003	6/30/2003	2,608.5	0%	0.0			0.0
4th Quarter	7/1/2003	9/30/2003	2,608.5	0%	0.0			0.0
FY 2004	10/1/2003	9/30/2004	9,434.0	0%	0.0			0.0
Maintenance Subtotal			30,604.0		6,268.0		6,268.0	6,268.0
Project Total			59,154.0		22,227.6		22,228.0	22,228.0

All dollars in thousands
 *Budgeted Cost of Work Scheduled

Planned Value of Work Scheduled as of Analysis Date: 22228 Analysis Date: 3/31/2002

Cost Variance (BCWP-ACWP) 0
 % Cost Variance (CV/BCWP) 0%
 Schedule Variance (BCWP-BCWS to date) 0.412387862
 % Schedule Variance (SV/BCWS to date) 0%

Comments:
 Although FMS Phase III was developed in FY02, FY01 funds were used to develop this milestone, resulting in a total development cost of \$6550. As stated in the business case, Section 4.5, the upgrade to Oracle 11i may or may not be integrated with the Department of Education's upgrade efforts to Oracle 11i. A separate mitigating action is addressing this constraint – performing a 3-month analysis and planning phase to facilitate either an independent FMS upgrade to Oracle 11i or a combined upgrade effort with the Department. As a result, there is no milestone documented on this worksheet related to the Oracle 11i implementation. The IRB technology refresh costs relate to the software costs that include software maintenance and licensing fees as well as Oracle Financials dollars. Refer to the Lifecycle Cost Estimate worksheet. The remaining maintenance costs (Minimum to Sustain) are related to FMS Operations; contractor staff required to support the system per TO88.

Project Funding Plan

Project Name	FSA FMS - Modernization Integration and Oracle Upgrade					
	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
Budget Level	17,984.0	19,534.0	17,034.0	16,534.0	17,534.0	17,034.0
Redirections						
Funding Change Request						
Subtotal	17,984.0	19,534.0	17,034.0	16,534.0	17,534.0	17,034.0
Funding from Other Sources						
Total Initiative Funding	17,984.0	19,534.0	17,034.0	16,534.0	17,534.0	17,034.0

*dollars in thousands

Comments:

Cost Variances:

(1) For Budget Year 2003, if you are requesting a funding increase of greater than 10 percent of the total funding amount (a) received during fiscal year 2002 or (b) the fiscal year 2003 President's budget, please explain the reason for the requested budget increase.

(2) For Budget Year 2004, if you are requesting a finding increase of greater than 10 percent of the total funding amount of your revised request for Budget Year 2003, please explain the reason for the requested funding increase.

Project Funding Plan Assistance Tool:

The table below is provided as a reference tool to aid in the estimation of total initiative funding requirements (above) through FY 2004. The information provided reflects your input on the previous Cost and Schedule of Milestones worksheet. The numbers provided depict the actual fiscal year that expenses will be incurred, regardless of when the funds were obligated. This information should be used to determine your funding requirements. Data captured from the Cost and Schedule of Milestones worksheet is only available through FY 2004. However, having this information available through FY 2004 should also allow for more accurate funding plans for FY 2005 and beyond.

Development:	Planned Start Date	Planned Completion Date	Total Milestone Cost	Spending by Fiscal Year					Total
				2000	2001	2002	2003	2004	
FMS Phase III	10/1/2000	1/22/2002	10,300.0	-	10,300	-	-	-	10,300
Interface w/ eCampus	11/1/2001	3/15/2002	500.0	-	-	500	-	-	500
Interface w/ COD	11/1/2001	4/29/2002	2,000.0	-	-	2,000	-	-	2,000
Interface w/ AR/FFEL	11/1/2001	6/30/2002	1,500.0	-	-	1,500	-	-	1,500
Contingency FMS/GA Enhancements due to	9/1/2001	2/15/2002	2,550.0	-	2,550	-	-	-	2,550
Interface with DCS	10/1/2002	6/30/2003	4,000.0	-	-	-	4,000	-	4,000
Interface with NSLDS	10/1/2002	6/30/2003	2,600.0	-	-	-	2,600	-	2,600
	7/1/2003	9/30/2004	5,100.0	-	-	-	5,100	-	5,100
0				-	-	-	-	-	-
0				-	-	-	-	-	-
0				-	-	-	-	-	-
0				-	-	-	-	-	-
				-	-	-	-	-	-
				-	-	-	-	-	-
				-	-	-	-	-	-
				-	-	-	-	-	-
Development Subtotal			28,550	-	12,850	4,000	11,700	-	28,550
Maintenance:									
FY 2001	10/1/2000	9/30/2001	1,800.0	-	1,800	-	-	-	1,800
FY 2002									
1st Quarter	10/1/2001	12/31/2001	2,234.0	-	-	2,234	-	-	2,234
2nd Quarter	1/1/2002	3/31/2002	2,234.0	-	-	2,234	-	-	2,234
3rd Quarter	4/1/2002	6/30/2002	2,234.0	-	-	2,234	-	-	2,234
4th Quarter	7/1/2002	9/30/2002	2,234.0	-	-	2,234	-	-	2,234
FY 2003									
1st Quarter	10/1/2002	12/31/2002	2,608.5	-	-	-	2,609	-	2,609
2nd Quarter	1/1/2003	3/31/2003	2,608.5	-	-	-	2,609	-	2,609
3rd Quarter	4/1/2003	6/30/2003	2,608.5	-	-	-	2,609	-	2,609
4th Quarter	7/1/2003	9/30/2003	2,608.5	-	-	-	2,609	-	2,609
FY 2004	10/1/2003	9/30/2004	9,434.0	-	-	-	-	9,434	9,434
Maintenance Subtotal			30,604	-	1,800	8,936	10,434	9,434	30,604
Project Total			59,154	-	14,650	12,936	22,134	9,434	59,154

IRB Summary

Project Name	FSA FMS - Modernization Integration and Oracle Upgrade
---------------------	---

Cost of FTEs:

	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Number of Department FTEs	5.00	5.00	5.00	5.00	5.00	5.00	5.00	
Fully Burdened FTE Rate (in thousands of dollars)	88.5	93.0	101.5	106.0	111.0	116.0	121.0	
Department FTE Costs	442.5	465.0	507.5	530.0	555.0	580.0	605.0	3,685.0

Maintenance and Development Expenses:

	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Maintenance Expenses:								
Minimum to Sustain	14,639.0	4,500.0	5,500.0	4,500.0	4,500.0	5,500.0	5,000.0	44,139.0
Technology Refresh		4,934.0	4,934.0	4,934.0	4,934.0	4,934.0	4,934.0	29,604.0
Subtotal Maintenance/Operational	14,639.0	9,434.0	10,434.0	9,434.0	9,434.0	10,434.0	9,934.0	73,743.0
Development Expenses:								
Planning		655.0	500.0	400.0	400.0	400.0	400.0	2,755.0
Modernization Integration	2,650.0	7,895.0	8,600.0	7,200.0	6,700.0	6,700.0	6,700.0	46,445.0
								0.0
								0.0
								0.0
								0.0
Subtotal Development	2,650.0	8,550.0	9,100.0	7,600.0	7,100.0	7,100.0	7,100.0	49,200.0
Subtotal Expenses	17,289.0	17,984.0	19,534.0	17,034.0	16,534.0	17,534.0	17,034.0	122,943.0
Department FTEs	442.5	465.0	507.5	530.0	555.0	580.0	605.0	3,685.0
Total Expenses	17,731.5	18,449.0	20,041.5	17,564.0	17,089.0	18,114.0	17,639.0	126,628.0

Breakout of FTEs:

Please consider the number of FTEs allocated to this initiative by fiscal year (identified on the Life Cycle Cost sheet and Row 17 above) and estimate by percentage the level of effort associated with maintenance and development activities. Development level of effort estimates should be further subdivided planning and useful segment support.

	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
Percentage Maintenance	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%	50.00%
Percentage Development							
Planning	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%
Useful Segments	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
Total Percentage (Total should equal 100%)	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Total Maintenance and Development Expenses:

Total Maintenance	14,860.3	9,666.5	10,687.8	9,699.0	9,711.5	10,724.0	10,236.5	75,585.5
Development:								
Planning	44.3	701.5	550.8	453.0	455.5	458.0	460.5	3,123.5
Useful Segments	2,827.0	8,081.0	8,803.0	7,412.0	6,922.0	6,932.0	6,942.0	47,919.0
Total Development	2,871.3	8,782.5	9,353.8	7,865.0	7,377.5	7,390.0	7,402.5	51,042.5

**dollars in thousands*

Comments:

Lifecycle Cost Estimate

Project Name	FSA FMS - Modernization Integration and Oracle Upgrade
---------------------	---

Lifecycle Costs:

	2001	2002	2003	2004	2005	2006	2007	Total*
Savings								0.0
Expenses :								
Hardware								0.0
Software	1,423.0	4,934.0	4,934.0	4,934.0	4,934.0	4,934.0	4,934.0	29,604.0
Contractor Services	11,416.0	10,550.0	10,000.0	8,000.0	8,000.0	9,000.0	8,500.0	54,050.0
Training			100.0	100.0	100.0	100.0	100.0	500.0
Security			1,500.0	1,000.0	500.0	500.0	500.0	4,000.0
Other	4,450.0	2,500.0	3,000.0	3,000.0	3,000.0	3,000.0	3,000.0	17,500.0
Subtotal Expenses	17,289.0	17,984.0	19,534.0	17,034.0	16,534.0	17,534.0	17,034.0	105,654.0
Department FTE Costs	442.5	465.0	507.5	530.0	555.0	580.0	605.0	3,242.5
Total Expenses	17,731.5	18,449.0	20,041.5	17,564.0	17,089.0	18,114.0	17,639.0	108,896.5
Net Savings								
(Savings - Expenses)	-17,731.5	-18,449.0	-20,041.5	-17,564.0	-17,089.0	-18,114.0	-17,639.0	-108,896.5
Discount Factor		1.000	0.9569	0.9157	0.8763	0.8386	0.8025	
Net Present Value		-18,449.0	-19,178.5	-16,083.9	-14,975.0	-15,189.7	-14,154.4	-98,030.5

dollars in thousands

* Totals do not include FY 2001 costs

Non-IT Contract Cost Estimates:

If the initiative is but one part of a contract that supports an information process, such as a data collection or business process, then please provide in thousands of dollars the ADDITIONAL contract costs for fiscal years 2001 through 2007. In these cases, the total contract costs will exceed the IT costs.

	2001	2002	2003	2004	2005	2006	2007	Total
Other Costs (Any OTHER costs associated with this contract that are NOT IT costs.)	650.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	5,000.0	30,650.0

Comments:

Contractor Services include costs associated with new development and maintenance costs; Software costs include software maintenance costs and licensing fees of 2,684 for FY 2002-2006, and just maintenance costs in FY07; Other under Expenses above includes: \$500 K per year in IV&V costs (third party) and VDC Costs; Non-IT Contract costs are related to non-IT people costs (accounting support).

Validation

Project Name	FSA FMS - Modernization Integration and Oracle Upgrade
---------------------	--

	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY 2007	Total
Total Expenses Not Including FTEs								
IRB Summary	17,289.0	17,984.0	19,534.0	17,034.0	16,534.0	17,534.0	17,034.0	122,943.0
Lifecycle Cost	17,289.0	17,984.0	19,534.0	17,034.0	16,534.0	17,534.0	17,034.0	122,943.0
Project Funding Plan		17,984.0	19,534.0	17,034.0	16,534.0	17,534.0	17,034.0	
Total Department FTEs								
IRB Summary	442.5	465.0	507.5	530.0	555.0	580.0	605.0	3,685.0
Lifecycle Cost	442.5	465.0	507.5	530.0	555.0	580.0	605.0	3,685.0
Total Expenses including FTEs								
IRB Summary	17,731.5	18,449.0	20,041.5	17,564.0	17,089.0	18,114.0	17,639.0	126,628.0
Lifecycle Cost	17,731.5	18,449.0	20,041.5	17,564.0	17,089.0	18,114.0	17,639.0	126,628.0

**dollars in thousands*

Comments:

Exhibit 53 Information:

	FY2002	FY2003	FY2004
IT Goal			A1
IT Expenses (Net of FTE Costs)	17,984.0	19,534.0	17,034.0
Number of IT FTE	5.0	5.0	5.0
Steady State %	52.40%	53.33%	55.22%
Development %	47.60%	46.67%	44.78%
IT Security %			5.69%
Financial Management %			100.00%
Maintenance/Operational	9,666.5	10,687.8	9,699.0
Development	8,782.5	9,353.8	7,865.0