

Cost and Schedule of Milestones

Project Name	National Student Loan Data System (NSLDS II Reengineering)
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	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:								
High Level Data Requirements	11/1/2001	3/31/2002	250.0	100%	250.0	100%	250.0	250.0
Definition Phase	3/1/2002	7/19/2002	1,100.0	21%	235.7	90%	1,000.0	990.0
Construction and Deployment	7/1/2002	9/30/2004		0%	0.0	0%	0.0	0.0
Release I	7/1/2002	9/30/2003	13,050.0	0%	0.0	0%	0.0	0.0
Release II +	1/1/2003	9/30/2004	4,300.0	0%	0.0	0%	0.0	0.0
TBD				0%	0.0			0.0
TBD				0%	0.0			0.0
TBD				0%	0.0			0.0
Milestone 9				0%	0.0			0.0
Milestone 10				0%	0.0			0.0
Milestone 11				0%	0.0			0.0
Milestone 12				0%	0.0			0.0
Milestone 13				0%	0.0			0.0
Milestone 14				0%	0.0			0.0
Milestone 15				0%	0.0			0.0
Development Subtotal			18,700.0		485.7		1,250.0	1,240.0
Maintenance:								
FY 2001	10/1/2000	9/30/2001	0.0	100%	0.0	0%	0.0	0.0
FY 2002								
1st Quarter	10/1/2001	12/31/2001	0.0	100%	0.0	0%	0.0	0.0
2nd Quarter	1/1/2002	3/31/2002	0.0	100%	0.0	0%	0.0	0.0
3rd Quarter	4/1/2002	6/30/2002	0.0	0%	0.0	0%	0.0	0.0
4th Quarter	7/1/2002	9/30/2002	0.0	0%	0.0	0%	0.0	0.0
FY 2003								
1st Quarter	10/1/2002	12/31/2002	0.0	0%	0.0	0%	0.0	0.0
2nd Quarter	1/1/2003	3/31/2003	0.0	0%	0.0	0%	0.0	0.0
3rd Quarter	4/1/2003	6/30/2003	0.0	0%	0.0	0%	0.0	0.0
4th Quarter	7/1/2003	9/30/2003	0.0	0%	0.0	0%	0.0	0.0
FY 2004	10/1/2003	9/30/2004	9,300.0	0%	0.0	0%	0.0	0.0
Maintenance Subtotal			9,300.0		0.0		0.0	0.0
Project Total			28,000.0		485.7		1,250.0	1,240.0

All dollars in thousands

*Budgeted Cost of Work Scheduled

Planned Value of Work Scheduled as of Analysis Date

486

Analysis Date

3/31/2002

Cost Variance (BCWP-ACWP)
% Cost Variance (CV/BCWP)

-10
-1%

Schedule Variance (BCWP-BCWS to date)
% Schedule Variance (SV/BCWS to date)

754.2857143
155%

Comments:

Cost projections for FY03 and FY04 have been revised, with a much higher level of confidence, coming out of the Definition Phase which is scheduled for completion on 7/19/02. Although FY03 costs - development (labor, software licenses, and VDC costs) have increased, there is still a positive NPV by FY07 because: 1) maintenance costs for FY03 and development costs for FY04 have declined; and 2) the projected costs savings from retiring the legacy system have increased as a result of adjusting maintenance costs for Raytheon based on the legacy system business case. One open item is the treatment of help desk/call center costs. These support services will be funded by CA and support by a CA operating partner beginning in Q3 FY04. There are still open issues regarding the funding of these services from the time of conversion in Q4 FY03 through Q2 FY04.

Project Funding Plan

Project Name	National Student Loan Data System (NSLDS II Reengineering)					
	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
Budget Level	2,600.0	12,300.0	13,100.0	9,600.0	10,000.0	10,400.0
Redirections						
Funding Change Request						
Subtotal	2,600.0	12,300.0	13,100.0	9,600.0	10,000.0	10,400.0
Funding from Other Sources						
Total Initiative Funding	2,600.0	12,300.0	13,100.0	9,600.0	10,000.0	10,400.0

*dollars in thousands

Comments:

Projected maintenance costs in FY2004 and beyond of approximately \$10M (\$4M for labor, \$2M for software and \$4M for VDC) enable FSA to achieve projected savings against NSLDS legacy operations business case.

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 funding 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					
				2000	2001	2002	2003	2004	Total
High Level Data Requ	11/1/2001	3/31/2002	250.0	-	-	250	-	-	250
Definition Phase	3/1/2002	7/19/2002	1,100.0	-	-	1,100	-	-	1,100
Construction and Dep	7/1/2002	9/30/2004		-	-	-	-	-	-
Release I	7/1/2002	9/30/2003	13,050.0	-	-	13,050	-	-	13,050
Release II +	1/1/2003	9/30/2004	4,300.0	-	-	-	4,300	-	4,300
TBD				-	-	-	-	-	-
TBD				-	-	-	-	-	-
TBD				-	-	-	-	-	-
Milestone 9				-	-	-	-	-	-
Milestone 10				-	-	-	-	-	-
Milestone 11				-	-	-	-	-	-
Milestone 12				-	-	-	-	-	-
Milestone 13				-	-	-	-	-	-
Milestone 14				-	-	-	-	-	-
Milestone 15				-	-	-	-	-	-
Development Subtotal			18,700	-	-	14,400	4,300	-	18,700
Maintenance:									
FY 2001	10/1/2000	9/30/2001		-	-	-	-	-	-
FY 2002									
1st Quarter	10/1/2001	12/31/2001		-	-	-	-	-	-
2nd Quarter	1/1/2002	3/31/2002		-	-	-	-	-	-
3rd Quarter	4/1/2002	6/30/2002		-	-	-	-	-	-
4th Quarter	7/1/2002	9/30/2002		-	-	-	-	-	-
FY 2003									
1st Quarter	10/1/2002	12/31/2002		-	-	-	-	-	-
2nd Quarter	1/1/2003	3/31/2003		-	-	-	-	-	-
3rd Quarter	4/1/2003	6/30/2003		-	-	-	-	-	-
4th Quarter	7/1/2003	9/30/2003		-	-	-	-	-	-
FY 2004	10/1/2003	9/30/2004	9,300.0	-	-	-	-	9,300	9,300
Maintenance Subtotal			9,300	-	-	-	-	9,300	9,300
Project Total			28,000	-	-	14,400	4,300	9,300	28,000

IRB Summary

Project Name	National Student Loan Data System (NSLDS II Reengineering)
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Cost of FTEs:

	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Number of Department FTEs	0.00	2.00	8.00	8.00	8.00	8.00	8.00	
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	0.0	186.0	812.0	848.0	888.0	928.0	968.0	4,630.0

Maintenance and Development Expenses:

	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Maintenance Expenses:								
Minimum to Sustain		0.0	0.0	6,300.0	6,600.0	7,000.0	7,400.0	27,300.0
Technology Refresh				3,000.0	3,000.0	3,000.0	3,000.0	12,000.0
Subtotal Maintenance/Operational	0.0	0.0	0.0	9,300.0	9,600.0	10,000.0	10,400.0	39,300.0
Development Expenses:								
Planning		1,350.0	0.0	0.0	0.0	0.0	0.0	1,350.0
NSLDS II Release 1		1,250.0	11,800.0	0.0	0.0	0.0	0.0	13,050.0
NSLDS II Release 2 +			500.0	3,800.0	0.0	0.0	0.0	4,300.0
Useful Segment								0.0
Useful Segment								0.0
Useful Segment								0.0
Subtotal Development	0.0	2,600.0	12,300.0	3,800.0	0.0	0.0	0.0	18,700.0
Subtotal Expenses	0.0	2,600.0	12,300.0	13,100.0	9,600.0	10,000.0	10,400.0	58,000.0
Department FTEs	0.0	186.0	812.0	848.0	888.0	928.0	968.0	4,630.0
Total Expenses	0.0	2,786.0	13,112.0	13,948.0	10,488.0	10,928.0	11,368.0	62,630.0

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		0.00%	0.00%	60.00%	100.00%	100.00%	100.00%
Percentage Development							
Planning		55.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Useful Segments		45.00%	100.00%	40.00%	0.00%	0.00%	0.00%
Total Percentage (Total should equal 100%)	0.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Total Maintenance and Development Expenses:

	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Total Maintenance	0.0	0.0	0.0	9,808.8	10,488.0	10,928.0	11,368.0	42,592.8
Development:								
Planning	0.0	1,452.3	0.0	0.0	0.0	0.0	0.0	1,452.3
Useful Segments	0.0	1,333.7	13,112.0	4,139.2	0.0	0.0	0.0	18,584.9
Total Development	0.0	2,786.0	13,112.0	4,139.2	0.0	0.0	0.0	20,037.2

**dollars in thousands*

Comments:

Lifecycle Cost Estimate

Project Name	National Student Loan Data System (NSLDS II Reengineering)
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Lifecycle Costs:

	2001	2002	2003	2004	2005	2006	2007	Total*
Savings	0.0	0.0	0.0	18,100.0	18,100.0	18,100.0	18,100.0	72,400.0
Expenses :								
Hardware	0.0	500.0	3,000.0	3,300.0	3,600.0	4,000.0	4,400.0	18,800.0
Software	0.0	500.0	2,000.0	2,000.0	2,000.0	2,000.0	2,000.0	10,500.0
Contractor Services	0.0	1,600.0	7,000.0	7,500.0	4,000.0	4,000.0	4,000.0	28,100.0
Training	0.0	0.0	150.0	150.0				300.0
Security	0.0	0.0	150.0	150.0				300.0
Other	0.0	0.0						0.0
Subtotal Expenses	0.0	2,600.0	12,300.0	13,100.0	9,600.0	10,000.0	10,400.0	58,000.0
Department FTE Costs	0.0	186.0	812.0	848.0	888.0	928.0	968.0	4,630.0
Total Expenses	0.0	2,786.0	13,112.0	13,948.0	10,488.0	10,928.0	11,368.0	62,630.0
Net Savings (Savings - Expenses)	0.0	-2,786.0	-13,112.0	4,152.0	7,612.0	7,172.0	6,732.0	9,770.0
Discount Factor		1.000	0.9569	0.9157	0.8763	0.8386	0.8025	
Net Present Value		-2,786.0	-12,547.4	3,802.1	6,670.4	6,014.2	5,402.1	6,555.4

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.)								0.0

Comments:

i.) It is expected that a \$1-2M savings in VDC and software costs will be attained and \$7M in labor costs (Raytheon). The \$8-9M in savings is the net savings of the cost today less the cost of the modernized system (\$18.1M legacy - \$9M modernized). However, the savings line above includes today's costs of the legacy system in total (\$18.1M), which will go away once the modernized system is implemented. ii) legacy system costs of \$18.1M include \$11.1M in Raytheon labor costs (based on FY04 projections from legacy system business case) plus VDC costs of \$7M (FY02 estimated costs); iii.) VDC costs are on the hardware line.

Validation

Project Name	National Student Loan Data System (NSLDS II Reengineering)
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	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY 2007	Total
Total Expenses Not Including FTEs								
IRB Summary	0.0	2,600.0	12,300.0	13,100.0	9,600.0	10,000.0	10,400.0	58,000.0
Lifecycle Cost	0.0	2,600.0	12,300.0	13,100.0	9,600.0	10,000.0	10,400.0	58,000.0
Project Funding Plan		2,600.0	12,300.0	13,100.0	9,600.0	10,000.0	10,400.0	
Total Department FTEs								
IRB Summary	0.0	186.0	812.0	848.0	888.0	928.0	968.0	4,630.0
Lifecycle Cost	0.0	186.0	812.0	848.0	888.0	928.0	968.0	4,630.0
Total Expenses including FTEs								
IRB Summary	0.0	2,786.0	13,112.0	13,948.0	10,488.0	10,928.0	11,368.0	62,630.0
Lifecycle Cost	0.0	2,786.0	13,112.0	13,948.0	10,488.0	10,928.0	11,368.0	62,630.0

**dollars in thousands*

Comments:

Exhibit 53 Information:

	FY2002	FY2003	FY2004
IT Goal			A7
IT Expenses (Net of FTE Costs)	2,600.0	12,300.0	13,100.0
Number of IT FTE	2.0	8.0	8.0
Steady State %	0.00%	0.00%	70.32%
Development %	100.00%	100.00%	29.68%
IT Security %			1.08%
Financial Management %			35.00%
Maintenance/Operational	0.0	0.0	9,808.8
Development	2,786.0	13,112.0	4,139.2