

Cost and Schedule of Milestones

Project Name		EAI Releases							
	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:									
Release 3 Requirements	10/1/2001	2/25/2002	860.0	100%	860.0	100%	860.0	860.0	
Release 3 Specification	2/25/2002	5/3/2002	700.0	51%	355.2	70%	490.0	490.0	
Release 3 Build Report	5/3/2002	9/6/2002	930.0	0%	0.0			0.0	
Release 3 Enablement Guide	5/3/2002	9/27/2002	910.0	0%	0.0			0.0	
Release 3 IV&V	10/1/2001	9/27/2002	100.0	50%	50.1	50%	50.0	50.0	
Release 4 Requirements	10/1/2002	1/17/2003	600.0	0%	0.0			0.0	
Release 4 Specification	1/18/2003	4/18/2003	600.0	0%	0.0			0.0	
				0%	0.0			0.0	
Release 4 Build Report	4/19/2003	9/30/2003	1,200.0	0%	0.0			0.0	
Release 4 IV&V	10/1/2002	9/30/2003	50.0	0%	0.0			0.0	
Release 5 Requirements	10/1/2003	1/16/2004	500.0	0%	0.0			0.0	
				0%	0.0			0.0	
Release 5 Specification	1/17/2004	4/16/2004	500.0	0%	0.0			0.0	
Release 5 Build Report	4/17/2004	9/30/2004	950.0	0%	0.0			0.0	
Release 5 IV&V	10/1/2003	9/30/2004	50.0	0%	0.0			0.0	
Development Subtotal			7,950.0		1,265.4		1,400.0	1,400.0	
Maintenance:									
FY 2001	10/1/2000	9/30/2001		100%	0.0			0.0	
FY 2002									
1st Quarter	10/1/2001	12/31/2001	75.0	100%	75.0	100%	75.0	75.0	
2nd Quarter	1/1/2002	3/31/2002	75.0	100%	75.0	100%	75.0	75.0	
3rd Quarter	4/1/2002	6/30/2002	75.0	0%	0.0			0.0	
4th Quarter	7/1/2002	9/30/2002	75.0	0%	0.0			0.0	
FY 2003									
1st Quarter	10/1/2002	12/31/2002	250.0	0%	0.0			0.0	
2nd Quarter	1/1/2003	3/31/2003	250.0	0%	0.0			0.0	
3rd Quarter	4/1/2003	6/30/2003	250.0	0%	0.0			0.0	
4th Quarter	7/1/2003	9/30/2003	250.0	0%	0.0			0.0	
FY 2004	10/1/2003	9/30/2004	1,000.0	0%	0.0			0.0	
Maintenance Subtotal			2,300.0		150.0		150.0	150.0	
Project Total			10,250.0		1,415.4		1,550.0	1,550.0	

All dollars in thousands

*Budgeted Cost of Work Scheduled

Planned Value of Work Scheduled as of Analysis Date

1415

Analysis Date

3/31/2002

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

0
0%

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

134.6376152
10%

Comments:

Project Funding Plan

Project Name	EAI Releases					
	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007
Budget Level	3,800.0	3,450.0	3,000.0	1,000.0	1,000.0	1,000.0
Redirections						
Funding Change Request						
Subtotal	3,800.0	3,450.0	3,000.0	1,000.0	1,000.0	1,000.0
Funding from Other Sources						
Total Initiative Funding	3,800.0	3,450.0	3,000.0	1,000.0	1,000.0	1,000.0

*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	
Release 3 Requirement	10/1/2001	2/25/2002	860.0	-	-	860	-	-	860
Release 3 Specificatic	2/25/2002	5/3/2002	700.0	-	-	700	-	-	700
Release 3 Build Repo	5/3/2002	9/6/2002	930.0	-	-	930	-	-	930
Release 3 Enablemen	5/3/2002	9/27/2002	910.0	-	-	910	-	-	910
Release 3 IV&V	10/1/2001	9/27/2002	100.0	-	-	100	-	-	100
Release 4 Requirement	10/1/2002		600.0	-	-	-	600	-	600
Release 4 Specificatic	1/18/2003	4/18/2003	600.0	-	-	-	600	-	600
0		#REF!		-	-	-	-	-	-
Release 4 Build Repo	4/19/2003	9/30/2003	1,200.0	-	-	-	1,200	-	1,200
Release 4 IV&V	10/1/2002		50.0	-	-	-	50	-	50
Release 5 Requirement	10/1/2003	#VALUE!	500.0	-	-	-	-	500	500
0		#REF!		-	-	-	-	-	-
Release 5 Specificatic	1/17/2004	4/16/2004	500.0	-	-	-	-	500	500
Release 5 Build Repo	4/17/2004	9/30/2004	950.0	-	-	-	-	950	950
Release 5 IV&V	10/1/2003	9/30/2004	50.0	-	-	-	-	50	50
Development Subtotal			7,950	-	-	3,500	2,450	2,000	7,950
Maintenance:									
FY 2001	10/1/2000	9/30/2001		-	-	-	-	-	-
FY 2002									
1st Quarter	10/1/2001	12/31/2001	75.0	-	-	75	-	-	75
2nd Quarter	1/1/2002	3/31/2002	75.0	-	-	75	-	-	75
3rd Quarter	4/1/2002	6/30/2002	75.0	-	-	75	-	-	75
4th Quarter	7/1/2002	9/30/2002	75.0	-	-	75	-	-	75
FY 2003									
1st Quarter	10/1/2002	12/31/2002	250.0	-	-	-	250	-	250
2nd Quarter	1/1/2003	3/31/2003	250.0	-	-	-	250	-	250
3rd Quarter	4/1/2003	6/30/2003	250.0	-	-	-	250	-	250
4th Quarter	7/1/2003	9/30/2003	250.0	-	-	-	250	-	250
FY 2004	10/1/2003	9/30/2004	1,000.0	-	-	-	-	1,000	1,000
Maintenance Subtotal			2,300	-	-	300	1,000	1,000	2,300
Project Total			10,250	-	-	3,800	3,450	3,000	10,250

IRB Summary

Project Name	EAI Releases
---------------------	--------------

Cost of FTEs:

	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Number of Department FTEs		1.00	1.00	1.00				
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	93.0	101.5	106.0	0.0	0.0	0.0	300.5

Maintenance and Development Expenses:

	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	Total
Maintenance Expenses:								
Minimum to Sustain		300.0	950.0	950.0	950.0	950.0	950.0	5,050.0
Technology Refresh			50.0	50.0	50.0	50.0	50.0	250.0
Subtotal Maintenance/Operational	0.0	300.0	1,000.0	1,000.0	1,000.0	1,000.0	1,000.0	5,300.0
Development Expenses:								
Planning		100.0	300.0	300.0				700.0
Workshops		100.0	75.0	75.0				250.0
Components and SW		1,200.0	500.0	200.0				1,900.0
Integration Services		825.0	700.0	750.0				2,275.0
Core Services		625.0	575.0	575.0				1,775.0
Adapters and Security		650.0	300.0	100.0				1,050.0
Subtotal Development	0.0	3,500.0	2,450.0	2,000.0	0.0	0.0	0.0	7,950.0
Subtotal Expenses	0.0	3,800.0	3,450.0	3,000.0	1,000.0	1,000.0	1,000.0	13,250.0
Department FTEs	0.0	93.0	101.5	106.0	0.0	0.0	0.0	300.5
Total Expenses	0.0	3,893.0	3,551.5	3,106.0	1,000.0	1,000.0	1,000.0	13,550.5

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		5.00%	20.00%	20.00%	100.00%	100.00%	100.00%
Percentage Development							
Planning		5.00%	10.00%	10.00%			
Useful Segments		90.00%	70.00%	70.00%			
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:

Total Maintenance	0.0	304.7	1,020.3	1,021.2	1,000.0	1,000.0	1,000.0	5,346.2
Development:								
Planning	0.0	104.7	310.2	310.6	0.0	0.0	0.0	725.4
Useful Segments	0.0	3,483.7	2,221.1	1,774.2	0.0	0.0	0.0	7,479.0
Total Development	0.0	3,588.4	2,531.2	2,084.8	0.0	0.0	0.0	8,204.4

**dollars in thousands*

Comments:

Lifecycle Cost Estimate

Project Name	EAI Releases
---------------------	--------------

Lifecycle Costs:

	2001	2002	2003	2004	2005	2006	2007	Total*
Savings		2,700.0	2,700.0	2,700.0	2,700.0	2,700.0	2,700.0	16,200.0
Expenses :								
Hardware								0.0
Software		222.4						222.4
Contractor Services		3,377.6	3,275.0	2,825.0	1,000.0	1,000.0	1,000.0	12,477.6
Training		100.0	75.0	75.0				250.0
Security			100.0	100.0				200.0
Other		100.0						100.0
Subtotal Expenses	0.0	3,800.0	3,450.0	3,000.0	1,000.0	1,000.0	1,000.0	13,250.0
Department FTE Costs	0.0	93.0	101.5	106.0	0.0	0.0	0.0	300.5
Total Expenses	0.0	3,893.0	3,551.5	3,106.0	1,000.0	1,000.0	1,000.0	13,550.5
Net Savings								
(Savings - Expenses)	0.0	-1,193.0	-851.5	-406.0	1,700.0	1,700.0	1,700.0	2,649.5
Discount Factor		1.000	0.9569	0.9157	0.8763	0.8386	0.8025	
Net Present Value		-1,193.0	-814.8	-371.8	1,489.7	1,425.6	1,364.2	1,899.8

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:

Savings are the result of efficiencies and reuse associated with the messaging architecture. The use of the hub and spoke architecture instead of the point-to-point interfaces reduces the number of connections to develop and support dramatically, from about 50 to about 15. The EAI team also provides development teams with shared resources supporting critical technical skills, reducing the overall total resource requirements to implement modernization.

Validation

Project Name	EAI Releases
---------------------	--------------

	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY 2007	Total
Total Expenses Not Including FTEs								
IRB Summary	0.0	3,800.0	3,450.0	3,000.0	1,000.0	1,000.0	1,000.0	13,250.0
Lifecycle Cost	0.0	3,800.0	3,450.0	3,000.0	1,000.0	1,000.0	1,000.0	13,250.0
Project Funding Plan		3,800.0	3,450.0	3,000.0	1,000.0	1,000.0	1,000.0	
Total Department FTEs								
IRB Summary	0.0	93.0	101.5	106.0	0.0	0.0	0.0	300.5
Lifecycle Cost	0.0	93.0	101.5	106.0	0.0	0.0	0.0	300.5
Total Expenses including FTEs								
IRB Summary	0.0	3,893.0	3,551.5	3,106.0	1,000.0	1,000.0	1,000.0	13,550.5
Lifecycle Cost	0.0	3,893.0	3,551.5	3,106.0	1,000.0	1,000.0	1,000.0	13,550.5

**dollars in thousands*

Comments:

Exhibit 53 Information:

	FY2002	FY2003	FY2004
IT Goal			C
IT Expenses (Net of FTE Costs)	3,800.0	3,450.0	3,000.0
Number of IT FTE	1.0	1.0	1.0
Steady State %	7.83%	28.73%	32.88%
Development %	92.17%	71.27%	67.12%
IT Security %			3.22%
Financial Management %			0.00%
Maintenance/Operational	304.7	1,020.3	1,021.2
Development	3,588.4	2,531.2	2,084.8