

Attachment 5d. Earned Value Management Report Form

Form Approved
OMB No. 0920-xxxx
Exp. Date xx/xx/201x

CDC estimates the average public reporting burden for this collection of information as 40 hours per response, including the time for reviewing instructions, searching existing data/information sources, gathering and maintaining the data/information needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-xxxx).

Legend:

Budget At Completion (BAC)

Budgeted Cost of Work Scheduled (BCWS)

Budgeted Cost of Work Performed (BCWP)

Actual Cost of Work Performed (ACWP)

Cost Variation (CV)

Schedule Variation (SV)

Earned Value Analysis (EVA)

Work Breakdown Structure (WBS)

Program Management Tool (PMT)

The Following Cells Are Formula-Driven Based On Your Work Packages Entered Above		
Budget At Completion (BAC)	0.00	
Budgeted Cost of Work Scheduled (BCWS)	0.00	
Budgeted Cost of Work Performed (BCWP)	0.00	
Actual Cost of Work Performed (ACWP)	0.00	
COST VARIANCE		
Cost Variance in \$	0.00	Cost Variance = BCWP - ACWP (negative value = over budget)
Cost Variance %	#DIV/0!	Cost Variance Percentage = (CV / BCWP)
CPI-Cost Performance Index (On 1-to-100 Scale)	#DIV/0!	Cost Performance Index = BCWP / ACWP
SCHEDULE VARIANCE		
Schedule Variance in \$	0.00	Schedule Variance=BCWP - BCWS (negative value = behind schedule)
Schedule Variance %	#DIV/0!	Schedule Variance Percentage = (SV / BCWS)
SPI-Schedule Performance Index (On 1-to-100 Scale)	#DIV/0!	Schedule Performance Index = BCWP / BCWS
FORECAST FOR FUTURE PERFORMANCE		
<i>Best Case Estimate (EAC1)</i>		
Estimate At Completion - Best Case (EAC1)	#DIV/0!	EAC1 = ACWP + (BAC - BCWP) / CPI
Variance At Completion - Best Case (VAC1)	#DIV/0!	VAC1 = BAC - EAC1
Variance At Completion % - Best Case (VAC1%)	#DIV/0!	VAC1 % = (VAC1/BAC)
<i>Worst Case Estimate (EAC2)</i>		
Estimate At Completion - Worst Case (EAC2)	#DIV/0!	EAC2 = ACWP + (BAC - BCWP) / (CPI * SPI)
Variance At Completion - Worst Case (VAC2)	#DIV/0!	VAC2 = BAC - EAC2
Variance At Completion % - Worst Case (VAC2%)	#DIV/0!	VAC2 % = (VAC2/BAC)
<i>End-of-Project Estimates</i>		
Expected Funds to Completion	#DIV/0!	((EAC1+EAC2)/2)-ACWP (Avg of high & low EAC minus ACWP)
Expected Completion Month/Year	07/312009	