



Project - Professional Retail Outlet (PRO)

Steve Carroll, Brandon Coutts, Garry Cronyn

Group 2 - Earned Value Assessment

Saturday June 28, 2014

<i>Phase 1: Test Planning</i>	PV	AV	RP	EV	CV	SV	CPI	SPI
<i>Develop Unit Test Plan</i>	\$500	\$500	100%	\$500	\$0	\$0	1.00	1.00
<i>Develop integration test plan</i>	\$600	\$600	100%	\$600	\$0	\$0	1.00	1.00
<i>Develop Acceptance test plan</i>	\$550	\$550	100%	\$550	\$0	\$0	1.00	1.00
<b>Payment 1:</b>	\$1,650	\$1,650	0%	1,650	0			
<i>Phase 2: Unit Testing</i>	PV	AV	RP	EV	CV	SV	CPI	SPI
<i>Code walkthrough with team</i>	\$600	\$700	100%	\$600	-\$100	\$0	0.86	1.00
<i>Test software units</i>	\$800	\$1,200	100%	\$800	-\$400	\$0	0.67	1.00
<i>Identify programs that do not meet specifications</i>	\$500	\$500	100%	\$500	\$0	\$0	1.00	1.00
<i>Modify code</i>	\$1,200	\$1,300	100%	\$1,200	-\$100	\$0	0.92	1.00
<i>Re-test units</i>	\$300	\$400	100%	\$300	-\$100	\$0	0.75	1.00
<i>Verify code meets standards</i>	\$200	\$200	100%	\$200	\$0	\$0	1.00	1.00
<b>Payment 2:</b>	\$3,600	\$4,300	0%	\$3,600	-\$700	\$0	0.84	1.00
<i>Phase 3: Integration Testing</i>	PV	AV	RP	EV	CV	SV	CPI	SPI
<i>Test integration of all modules</i>	\$600	\$600	100%	\$600	\$0	\$0	1.00	1.00
<i>Identify components that do not meet specifications</i>	\$300	\$500	75%	\$225	-\$275	-\$75	0.45	0.75
<i>Modify code</i>	\$1,400	\$1,400	50%	\$700	-\$700	-\$700	0.50	0.50
<i>Re-test integration of modules</i>	\$400	\$400	75%	\$300	-\$100	-\$100	0.75	0.75
<i>Verify Components meet standards</i>	\$200	\$200	80%	\$160	-\$40	-\$40	0.80	0.80
<b>Payment 3:</b>	\$2,900	\$3,100	0%	\$1,985	-\$1,115	-\$915	0.64	0.68
<i>Phase 4: Acceptance Testing</i>	PV	AV	RP	EV	CV	SV	CPI	SPI
<i>Business Review with Client</i>	\$400		0%	\$0	\$0	\$0	0.00	0.00
<i>Client tests system</i>	\$800		0%	\$0	\$0	\$0	0.00	0.00
<i>Identify units and components that do not meet specification</i>	\$550		0%	\$0	\$0	\$0	0.00	0.00
<i>Modify code</i>	\$800		0%	\$0	\$0	\$0	0.00	0.00
<i>Retest units and components</i>	\$700		0%	\$0	\$0	\$0	0.00	0.00
<i>Verify that system meets standards</i>	\$600		0%	\$0	\$0	\$0	0.00	0.00
<b>Payment 4:</b>	\$3,850		0%	0	0	\$0	0.00	0.00
<b>Total:</b>	<b>\$12,000</b>	<b>\$9,050</b>		<b>7,235</b>	<b>-\$1,815</b>	<b>-\$915</b>	<b>0.80</b>	
<b>BAC</b>	\$12,000				<i>Planned Value</i>			PV
					<i>Actual Value</i>			AV
<b>Estimate at Completion (Typical)</b>	<b>\$13,815</b>	Solves			<i>Rate Performance</i>			RP
<b>Estimate at Completion (Atypical)</b>	<b>\$15,010</b>	Problems			<i>Earned Value</i>			EV
<b>ETC (Typical)</b>	<b>\$1,815</b>	Overbudget			<i>Cost Variance</i>			CV
<b>ETC (Atypical)</b>	<b>\$3,010</b>	Overbudget			<i>Schedule Variance</i>			SV
					<i>Cost Performance</i>			CPI
					<i>Schedule Performance</i>			SPI