Estimated Project Costs

	PROJECT TASKS	LABOR HOURS	LABOR COST ($)	MATERIAL COST ($)	TRAVEL COST ($)	TOTAL PER TASK
PROJECT DESIGN	Develop Functional Specifications	82.0	$10,500.00	$11,000.00	$11,500.00	$33,082.00
	Develop System Architecture	110.0	$12,500.00	$10,000.00	$12,300.00	$34,910.00
	Develop Preliminary Design Specification	100.0	$11,500.00	$14,500.00	$13,700.00	$39,800.00
	Develop Detailed Design Specifications	110.0	$13,500.00	$12,000.00	$15,200.00	$40,810.00
	Develop Acceptance Test Plan	120.0	$14,500.00	$15,000.00	$16,800.00	$46,420.00
	Subtotal	**522.0**	**$62,500.00**	**$62,500.00**	**$69,500.00**	**$195,022.00**
PROJECT DEVELOPMENT	Develop Components	110.0	$17,000.00	$14,000.00	$12,630.00	$43,740.00
	Procure Software	140.0	$15,000.00	$25,000.00	$16,000.00	$56,140.00
	Procure Hardware	95.0	$16,000.00	$20,000.00	$14,410.00	$50,505.00
	Development Acceptance Test Package	110.0	$17,875.00	$14,500.00	$16,000.00	$48,485.00
	Perform Unit/Integration Test	130.0	$18,000.00	$15,000.00	$18,000.00	$51,130.00
	Subtotal	**585.0**	**$83,875.00**	**$88,500.00**	**$77,040.00**	**$250,000.00**
PROJECT DELIVERY	Install System	85.0	$16,000.00	$15,000.00	$14,800.00	$45,885.00
	Train Customers	90.0	$16,500.00	$16,400.00	$16,900.00	$49,890.00
	Perform Acceptance Test	90.0	$17,300.00	$18,000.00	$17,100.00	$52,490.00
	Perform Post Project Review	95.0	$18,500.00	$17,000.00	$16,030.00	$51,625.00
	Provide Warranty Support	0.0	$0.00	$0.00	$0.00	$0.00
	Archive Materials	50.0	$15,000.00	$16,900.00	$18,200.00	$50,150.00
	Subtotal	**410.0**	**$83,300.00**	**$83,300.00**	**$83,030.00**	**$250,040.00**
PROJECT MANAGEMENT	Customer Progress Meetings/Reports	49.0	$10,000.00	$7,000.00	$17,400.00	$34,449.00
	Internal Status Meetings/Reports	40.0	$11,500.00	$6,500.00	$15,900.00	$33,940.00
	Third-Party Vendor Interface	50.0	$16,000.00	$8,700.00	$19,000.00	$43,750.00
	Interface to Other Internal Departments	20.0	$14,900.00	$6,900.00	$21,000.00	$42,820.00
	Configuration Management	90.0	$15,000.00	$7,200.00	$14,500.00	$36,790.00
	Quality Assurance	90.0	$20,000.00	$9,000.00	$13,900.00	$42,990.00
	Overall Project Management	120.0	$10,000.00	$15,000.00	$21,000.00	$46,120.00
	Subtotal	**459.0**	**$97,400.00**	**$60,300.00**	**$122,700.00**	**$280,859.00**

	LABOR HOURS	LABOR COST ($)	MATERIAL COST ($)	TRAVEL COST ($)	TOTAL PER TASK
Subtotals	1976.0	$327,075.00	$294,600.00	$352,270.00	$975,921.00
Risk (Contingency)	40.0	$8,000.00	$8,000.00	$8,079.00	**$24,079.00**
Total (Scheduled)	**2016.0**	**$335,075.00**	**$302,600.00**	**$360,349.00**	**$1,000,000.00**

Actual Project Costs

	ITEM	COST	DATE	REASON FOR EXPENDITURE
INSTALLATION	Install System	$45,000.00	02.01.2022	
	Train Customers	$42,500.00	02.05.2022	
	Perform Acceptance Test	$40,000.00	02.10.2022	
	Perform Post Project Review	$28,000.00	02.19.2022	
	Provide Warranty Support	$0.00	02.20.2022	
	Achieve Materials	$10,000.00	02.22.2022	
	Subtotal	**$165,500.00**		

	ITEM	COST	DATE	REASON FOR EXPENDITURE
PLANNING (RFP)	Install System	$50,000.00	02.23.2022	
	Train Customers	$50,000.00	02.25.2022	
	Perform Acceptance Test	$45,000.00	02.27.2022	
	Perform Post Project Review	$43,000.00	02.28.2022	
	Provide Warranty Support	$0.00	03.01.2022	
	Archive Materials	$20,000.00	03.02.2022	
	Subtotal	**$208,000.00**		

	ITEM	COST	DATE	REASON FOR EXPENDITURE
PLANNING 2	Install System	$50,000.00	03.03.2022	
	Train Customers	$40,000.00	03.05.2022	
	Perform Acceptance Test	$28,000.00	03.15.2022	
	Perform Post Project Review	$36,000.00	03.25.2022	
	Provide Warranty Support	$0.00	03.26.2022	
	Archive Materials	$17,000.00	03.27.2022	
	Subtotal	**$171,000.00**		

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	ITEM	COST	DATE	REASON FOR EXPENDITURE
CONSTRUCTION	Install System	$54,000.00	03.28.2022	
	Train Customers	$57,000.00	03.31.2022	
	Perform Acceptance Test	$39,000.00	04.04.2022	
	Perform Post Project Review	$58,000.00	04.14.2022	
	Provide Warranty Support	$0.00	04.15.2022	
	Archive Materials	$15,000.00	04.16.2022	
	Subtotal	**$223,000.00**		

	ITEM	COST	DATE	REASON FOR EXPENDITURE
TEST & DELIVERY	Install System	$46,500.00	04.17.2022	
	Train Customers	$50,000.00	04.20.2022	
	Perform Acceptance Test	$40,000.00	04.26.2022	
	Perform Post Project Review	$50,000.00	04.28.2022	
	Provide Warranty Support	$20,000.00	04.29.2022	
	Archive Materials	$25,000.00	04.30.2022	
	Subtotal	**$231,500.00**		

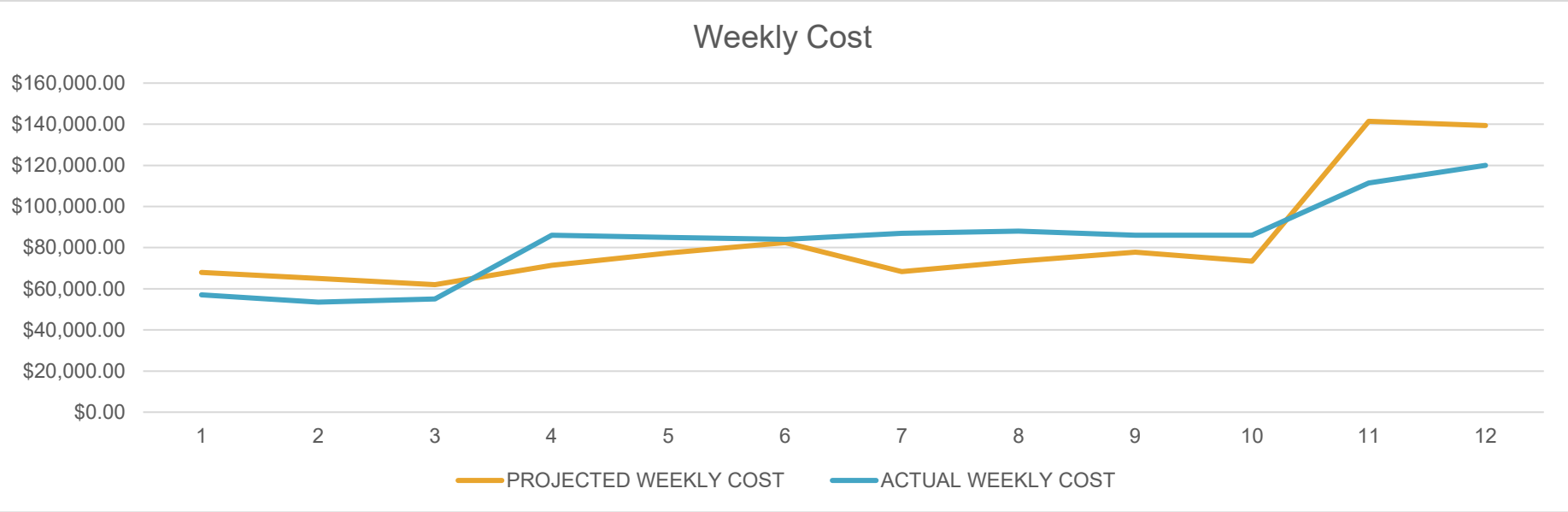| **PROJECT TOTAL**	**$999,000.00**	05.01.2022

Project Data Worksheet

WEEK	PROJECTED WEEKLY COST	ACTUAL WEEKLY COST	PROJECTED CUMULATIVE COST	ACTUAL CUMULATIVE COST
1	$68,000.00	$57,000.00	$68,000.00	$57,000.00
2	$65,000.00	$53,500.00	$133,000.00	$110,500.00
3	$62,000.00	$55,000.00	$195,000.00	$165,500.00
4	$71,394.00	$86,000.00	$266,394.00	$251,500.00
5	$77,391.00	$85,000.00	$343,785.00	$336,500.00
6	$82,391.00	$84,000.00	$426,176.00	$420,500.00
7	$68,391.00	$87,000.00	$494,567.00	$507,500.00
8	$73,391.00	$88,000.00	$567,958.00	$595,500.00
9	$77,791.00	$86,000.00	$645,749.00	$681,500.00
10	$73,391.00	$86,000.00	$719,140.00	$767,500.00
11	$141,430.00	$111,500.00	$860,570.00	$879,000.00
12	$139,430.00	$120,000.00	$1,000,000.00	$999,000.00
	$1,000,000.00	$999,000.00		

Projected vs. Actual Costs Diagram

MONTHLY COST

Weekly Cost

PROJECTED WEEKLY COST   ACTUAL WEEKLY COST

CUMULATIVE COST

Weekly Cost

PROJECTED CUMULATIVE COST   ACTUAL CUMULATIVE COST