

Appendix B:

Full Financial Excel Spreadsheet Workbook

Executive Summary

This Workbook has been developed for the EMS Committee's Review. It contains the raw figures used to fill out a modified business plans.

EMS Program Cost

Years	Total	Percentage
2020	1,688,173.81	100%
2021	1,663,808.01	100%
2022	1,793,325.34	100%

Billing Revenue Estmiates

	Insurance	Medicaid	Medicare	Private Care
Annual Est.	\$ 973,905.64	\$ 550.00	\$ 82.00	\$ 259.00
Lowest.	\$ 866,037.64	\$ 450.00	\$ 82.00	\$ 259.00
Higest.	\$ 1,027,839.64	\$ 600.00	\$ 82.00	\$ 259.00

Operating Cost

2020	210,321.47	12.5%
2021	69,160.28	4.2%
2022	70,754.71	3.9%

Personnel

2020	1,308,487.53	77.5%
2021	1,426,284.70	85.7%
2022	1,554,103.56	86.7%

Year 1 is a "Start-Up" year. Funding would need to be secured to hire, train, and purchase equipment. The timing to do these actions all varies which will impact the start of 911 services. This impacts billing and there are too many variables to determine revenes in Year 1. In the Body of the workbook provided in Appendix B, the anlysis used years 2020, 2021, 2022 to capture the "start-up" and "full operations" we are using Year 1, Year 2, and Year 3.

Ambulance

2020	166,282.41	9.8%
2021	166,282.41	10.0%
2022	166,282.41	9.3%

Buildings

2020	3,082.40	0.18%
2021	2,080.62	0.13%
2022	2,184.65	0.12%

Operating Cost

EMD Software		Priority Dispatch (includes training costs)
	2020	120,859.00
	2021	11,700.00
	2022	11,700.00

Training Cost

Fire

		Training Cost
	2020	1,000.00
	2021	-
	2022	1,000.00

Dispatch

		Training Cost
	2020	28,215.00
	2021	7,120.00
	2022	7,120.00

Drug Cost n/a

	2020	2021	2022
Fuel Cost	(10,539.56) \$	(9,907.19) \$	(9,312.76)

Insurance Cost 1,487.03

Maintenance

	Current Cost	Reduced Cost on Trucks	Est. EMS Maintenance Cost	Adjusted Total	Change in Cost
2020	36,500.00	29,200.00	6,600.00	35,800.00	(700.00)
2021	36,500.00	29,200.00	6,600.00	35,800.00	(700.00)
2022	36,500.00	29,200.00	6,600.00	35,800.00	(700.00)

Personnel Cost

Total Wages and Benefits

	Wages	Benefits	Combined
2020	668,290.62	640,196.91	1,308,487.53
2021	710,961.77	715,322.93	1,426,284.70
2022	753,898.41	800,205.15	1,554,103.56

Total Cost Associated with Hiring Staff

Fire Fighter Equipment 75,942.00 Replacement Times Vary

Fire Civil Service Test 3,500.00 (Only if needed)

Summary by Personnel Cost Item:

12 Fire Fighters

Year	Wages	Benefits	Combined			
2020	377,139.86	417,424.87	794,564.73	66,213.73	198,641.18	214,710.36
2021	399,822.22	466,667.48	866,489.70	72,207.48	216,622.43	233,108.03
2022	424,313.92	522,822.78	947,136.70	78,928.06	236,784.17	253,719.41

6 Dispatchers

Year	Wages	Benefits	Combined
2020	191,898.72	192,879.37	384,778.09
2021	210,603.59	218,381.01	428,984.60
2022	227,662.23	246,695.68	474,357.91

Combined

Year	Wages	Benefits	Combined
2020	569,038.58	610,304.24	1,179,342.82
2021	610,425.82	685,048.49	1,295,474.30
2022	651,976.14	769,518.46	1,421,494.60

Personnel Cost (cont.)**FLSA**

	Wages	Benefits	Combined		
2020	21,347.54	6,347.90	27,695.44	2,307.95	6,923.86
2021	22,631.45	6,729.69	29,361.13	2,446.76	7,340.28
2022	24,017.77	7,141.92	31,159.69	2,596.64	7,789.92

Ambulance Staffing Cost

	Wages	Benefits	Combined		
2020	27,904.50	8,676.76	36,581.26	3,048.44	9,145.32
2021	27,904.50	8,676.76	36,581.26	3,048.44	9,145.32
2022	27,904.50	8,676.76	36,581.26	3,048.44	9,145.32

Overtime for Staffing Ambulance at 8 for Minimum Staffing

	Wages	Benefits	Combined
2020	50,000.00	14,868.00	64,868.00
2021	50,000.00	14,868.00	64,868.00
2022	50,000.00	14,868.00	64,868.00

Building Cost

Utility Cost Est. Increase

2020	3,082.40
2021	2,080.62
2022	2,184.65

Ambulance Cost

Plan 2	4 Ambulances	Total Cost	5 Year Loan 5.4%	6 Year Loan 5.4%	7 Year Loan 5.4%
		788,816.00	166,282.41	138,568.68	118,773.15
		5 year	6 Year	7 year	
	2020	166,282.41	138,568.68	118,773.15	
	2021	166,282.41	138,568.68	118,773.15	
	2022	166,282.41	138,568.68	118,773.15	
	2023	166,282.41	138,568.68	118,773.15	
	2024	166,282.41	138,568.68	118,773.15	
	2025		138,568.68	118,773.15	
	2026			118,773.15	
	2027			118,773.15	

Replacement Every 3 years

Cost of 1 Ambulance

Heart	Ambulance	Equipment	Radio	Radio mnt.	Power Cots	Vehicle
35,000.00	128,000.00	17,000.00	8,000.00	204.00	8,000.00	1,000.00

197,204.00 Total Cost