

**Fire Department Equipment Analysis**

YE2023 Fire Safety Equipment Non Lapsing Fund:	<u>1,525,501.00</u>	
Total Available for Fire Equipment YE23:	<u>1,525,501.00</u>	
Osage - Ambulance (2x)	(769,746.88)	To Be Paid at Delivery - June 2025/June 2026
E1 - Engine Order #1	(1,031,000.00)	To Be Paid at Delivery - August 2025
E1 - Ladder Order	<u>(1,939,000.00)</u>	To Be Paid at Delivery - May 2027
<b>Total Cost:</b>	<b><u>(3,739,746.88)</u></b>	
Funding Needed for Equipment Purchase	(2,214,245.88)	
2024	300,000	Levy or GF Transfer to NLF
2025	300,000	Levy or GF Transfer to NLF
2026	300,000	Levy or GF Transfer to NLF
2027	300,000	Levy or GF Transfer to NLF
2028	64,246	Levy or GF Transfer to NLF
	(949,999.88)	
2025	200,000	Borrow or Add'l Levy
2026	375,000	Borrow or Add'l Levy
2027	<u>375,000</u>	Borrow or Add'l Levy
	0	
Total Funding Needed per Year		
2024	300,000	
2025	500,000	
2026	675,000	
2027	<u>439,246</u>	
	<b>1,914,246</b>	

**Fire Department Equipment Analysis - with assumption of Seagrave 2021 Order**

YE2023 Fire Safety Equipment Non Lapsing Fund:	<u>812,979.00</u>	
Total Available for Fire Equipment YE23:	<u>812,979.00</u>	
Osage - Ambulance (2x)	(769,746.88)	To Be Paid at Delivery - June 2025/June 2026
E1 - Ladder Order	<u>(1,939,000.00)</u>	To Be Paid at Delivery - May 2027
<b>Total Cost:</b>	<b><u>(1,895,767.88)</u></b>	
Funding Needed for Equipment Purchase	(1,895,767.88)	
2024	300,000	Levy or GF Transfer to NLF
2025	300,000	Levy or GF Transfer to NLF
2026	300,000	Levy or GF Transfer to NLF
2027	300,000	Levy or GF Transfer to NLF
2028	-	Levy or GF Transfer to NLF
	(695,767.88)	
2025	200,000	Borrow or Add'l Levy
2026	300,000	Borrow or Add'l Levy
2027	<u>195,768</u>	Borrow or Add'l Levy
	0	
Total Funding Needed per Year		
2024	300,000	
2025	500,000	
2026	600,000	
2027	<u>195,768</u>	
	<b>1,595,768</b>	

**City of Manitowoc  
Fire Department  
Equipment Replacement Schedule**

	Actual <u>2018</u>	Actual <u>2019</u>	Actual <u>2020</u>	Actual <u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>
1/1/ Balance	\$ 358,574	\$ 363,301	\$ 532,399	\$ 683,515	\$ 1,681,116	\$ 1,225,501	\$ 1,525,501	\$ 1,825,501	\$ 909,501	\$ 1,199,501	\$ (64,499)
Borrowing				\$ 697,601				\$ 200,000	\$ 375,000	\$ 375,000	
Revenue	350,000	347,894	151,115.39	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
<u>Est Cost</u>											
Ambulance	385,000	345,273 2	178,796 1	-	-	-	-	385,000 1	385,000 1	-	-
Engine	800,000	-	-	-	755,615 1	-	-	1,031,000 1	-	-	-
Ladder	2,000,000	-	-	-	-	-	-	-	-	1,939,000 1	-
Total Purchases	345,273	178,796	-	-	755,615	-	-	1,416,000	385,000	1,939,000	-
Annual Surplus (deficit)	4,727	169,098	151,115.39	997,601	(455,615)	300,000	300,000	(916,000)	290,000	(1,264,000)	300,000
12/31 Balance w/Borrowing (non-lapsing fund balance)	\$ 363,301	\$ 532,399	\$ 683,515	\$ 1,681,116	\$ 1,225,501	\$ 1,525,501	\$ 1,825,501	\$ 909,501	\$ 1,199,501	\$ (64,499)	\$ 235,501

**City of Manitowoc  
Fire Department - Original with SEAGRAVE  
Equipment Replacement Schedule**

	Actual 2018	Actual 2019	Actual 2020	Actual 2021	2022	2023	2024	2025	2026	2027	2028
1/1/ Balance	\$ 358,574	\$ 363,301	\$ 532,399	\$ 683,515	\$ 412,979	\$ 512,979	\$ 812,979	\$ 1,112,979	\$ 1,227,979	\$ 1,517,979	\$ 253,979
Borrowing				\$ 697,601				\$ 200,000	\$ 375,000	\$ 375,000	
Revenue	350,000	347,894	151,115.39	300,000	300,000	300,000	300,000	300,000	300,000	300,000	
<u>Est Cost</u>											
Ambulance	385,000	345,273	178,796	-	-	-	-	385,000	385,000	-	-
		2	1					1	1		
Engine	800,000	-	-	1,268,137.00	200,000	-	-	-	-	-	-
				2	1						
Ladder	2,000,000	-	-	-	-	-	-	-	-	1,939,000	-
										1	
Total Purchases	345,273	178,796	-	1,268,137	200,000	-	-	385,000	385,000	1,939,000	-
Annual Surplus (deficit)	4,727	169,098	151,115.39	(270,536)	100,000	300,000	300,000	115,000	290,000	(1,264,000)	-
12/31 Balance w/Borrowing (non-lapsing fund balance)	\$ 363,301	\$ 532,399	\$ 683,515	\$ 412,979	\$ 512,979	\$ 812,979	\$ 1,112,979	\$ 1,227,979	\$ 1,517,979	\$ 253,979	\$ 253,979