

City of Manitowoc

Example Financing Plan

				2017 BOR	ROWING					
		EXISTING DEBT PAYMENTS	\$6,000,000 G.O. PROMISSORY NOTES Dated February 1, 2017 (First interest 2/1/18)				Debt Issued 2017-2021: \$25,000,000			
LEVY YEAR	YEAR DUE		PRINCIPAL (2/1)	INTEREST (2/1 & 8/1) TIC= 1.89%	BID PREMIUM	TOTAL	2018-2021 BORROWINGS (A)	TOTAL DEBT PAYMENTS	TOTAL OUTSTANDING PRINCIPAL (B)	YEAR DUE
2015 2016	2016 2017	\$9,131,351 \$8,838,609						\$9,131,351 \$8,838,609	\$52,149,000 \$52,029,000	2016 2017
2017	2018	\$8,180,314	\$535,000	\$194,300	(\$117,790)	\$611,510		\$8,791,824	\$50,624,000	2017
2018	2019	\$7,551,308	\$560,000	\$116,800	(\$117,750)	\$676,800	563,425	\$8,791,533	\$47,854,000	2019
2019	2020	\$7,263,119	\$570,000	\$105,500		\$675,500	852,875	\$8,791,494	\$45,145,000	2020
2020	2021	\$7,207,019	\$580,000	\$94,000		\$674,000	910,975	\$8,791,994	\$42,370,000	2021
2021	2022	\$6,250,823	\$595,000	\$82,250		\$677,250	1,862,600	\$8,790,673	\$39,525,000	2022
2022	2023	\$5,328,646	\$605,000	\$70,250		\$675,250	2,442,450	\$8,446,346	\$31,855,000	2023
2023	2024	\$3,395,668	\$615,000	\$58,050		\$673,050	2,437,225	\$6,505,943	\$24,230,000	2024
2024	2025	\$2,455,868	\$630,000	\$45,600		\$675,600	2,440,200	\$5,571,668	\$18,345,000	2025
2025	2026	\$1,654,791	\$645,000	\$29,625		\$674,625	2,441,225	\$4,770,641	\$13,235,000	2026
2026	2027		\$665,000	\$9,975		\$674,975	2,445,225	\$3,120,200	\$8,790,000	2027
2027	2028						2,442,200	\$2,442,200	\$5,890,000	2028
2029	2030						1,885,625	\$1,885,625	\$3,590,000	2029
2030	2031						1,225,700 603,925	\$1,225,700 \$603,925	\$1,785,000 \$595,000	2030 2031
		\$67,257,514	\$6,000,000	\$806,350	(\$117.790)	\$6,688,560	\$22,553,650	\$96,499,724		

(A) Assumes \$4,750,000 issued annually from 2018-2021. 10 year repayment at 3.00% interest rate.

(B) Outstanding principal at the beginning of the respective year.

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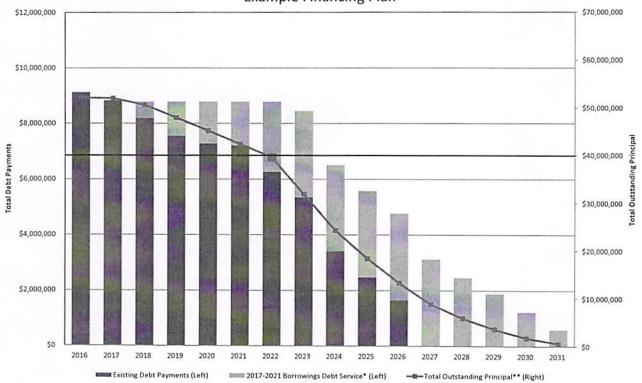
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Preliminary - 2017-2021 (Chart)



City of Manitowoc

Example Financing Plan



^{*}Assumes \$6,000,000 issued in 2017 and \$4,750,000 issued annually 2018-2021. 10 year repayment at market rates for 2017, 3.00% interest rate thereafter.

**Outstanding principal at the beginning of the respective year.

Prepared by Robert W. Baird & Co. Incorporated S:\Public Finance\municipalities\manitowoc cy wi\debt service\2016\ds7 manitowoc cy.xlsx /jtm 10/25/2016



City of Manitowoc

Example Financing Plan

			EXISTING DEBT PAYMENTS	2017 BORROWING \$2,500,000 G.O. PROMISSORY NOTES Dated February 1, 2017 (First interest 2/1/18)				Debt Issued 2017-2021: \$12,500,000			
	LEVY YEAR	YEAR DUE		PRINCIPAL (2/1)	INTEREST (2/1 & 8/1) TIC= 1.88%	BID PREMIUM	TOTAL	2018-2021 BORROWINGS (A)	TOTAL DEBT PAYMENTS	TOTAL OUTSTANDING PRINCIPAL (B)	YEAR DUE
	2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027	2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2025 2026 2027 2028	\$9,131,351 \$8,838,609 \$8,180,314 \$7,551,308 \$7,263,119 \$7,207,019 \$6,250,823 \$5,328,646 \$3,395,668 \$2,455,868 \$1,654,791	\$515,000 \$230,000 \$235,000 \$240,000 \$245,000 \$250,000 \$255,000 \$250,000 \$270,000	\$82,950 \$50,150 \$42,700 \$38,050 \$33,300 \$28,450 \$23,500 \$18,450 \$12,000 \$4,050	(\$31,497)	\$51,453 \$565,150 \$272,700 \$273,050 \$273,350 \$273,450 \$273,450 \$272,000 \$274,050	112,500 694,775 749,400 1,705,450 1,123,000 1,130,175 1,121,525 1,127,050 1,121,675 1,130,325	\$9,131,351 \$8,838,609 \$8,231,767 \$8,228,958 \$8,230,594 \$8,229,469 \$8,229,573 \$6,725,096 \$4,799,343 \$3,850,843 \$3,053,841 \$1,395,725	\$52,149,000 \$52,029,000 \$47,124,000 \$44,889,000 \$42,225,000 \$37,290,000 \$29,975,000 \$22,710,000 \$17,190,000 \$12,455,000 \$8,395,000	2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028
	2028 2029 2030	2029 2030 2031	\$67,257,514	\$2,500,000	\$333,600	(\$31,497)	\$2,802,103	847,200 542,175 314,650 \$11,719,900	\$847,200 \$542,175 \$314,650 \$81,779,517	\$3,590,000 \$1,785,000 \$595,000	2029 2030 2031

(A) Assumes \$2,500,000 issued annually from 2018-2021. 10 year repayment at 3.00% interest rate.

(B) Outstanding principal at the beginning of the respective year.

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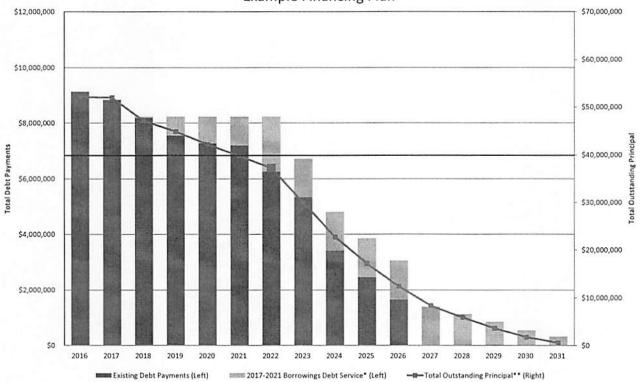
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Status Quo - 2017-2021 (Chart)



City of Manitowoc

Example Financing Plan



*Assumes \$2,500,000 issued annually 2017-2021. 10 year repayment at market rates for 2017, 3.00% interest rate thereafter. **Outstanding principal at the beginning of the respective year.



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