#### FISCAL AGENCY AGREEMENT

THIS AGREEMENT, made as of February 1, 2021 between the City of Manitowoc, Wisconsin (the "Municipality"), and Associated Trust Company, National Association, Green Bay, Wisconsin (the "Fiscal Agent").

#### WITNESSETH:

WHEREAS, the Municipality has duly authorized and issued its \$8,730,000 General Obligation Refunding Bonds, dated November 5, 2018 (the "Obligations") pursuant to the applicable provisions of the Wisconsin Statutes and a resolution adopted on October 15, 2018 (the "Resolution"); and

WHEREAS, the Municipality has issued the Obligations in registered form pursuant to Section 149 of the Internal Revenue Code of 1986, as amended, and applicable Treasury Regulations promulgated thereunder; and

WHEREAS, pursuant to Section 67.10(2), Wisconsin Statutes and a resolution adopted on January 18, 2021, the Municipality has authorized the appointment of the Fiscal Agent as agent for the Municipality for any or all of the following responsibilities: payment of principal and interest on, registering, transferring and authenticating the Obligations as well as other applicable responsibilities permitted by Section 67.10(2), Wisconsin Statutes, effective after February 1, 2021.

NOW, THEREFORE, the Municipality and the Fiscal Agent hereby agree as follows:

### I. APPOINTMENT

The Fiscal Agent is hereby appointed agent for the Municipality with respect to the Obligations for the purpose of performing such of the responsibilities stated in Section 67.10(2), Wisconsin Statutes, as are delegated herein or as may be otherwise specifically delegated in writing to the Fiscal Agent by the Municipality.

#### II. INVESTMENT RESPONSIBILITY

The Fiscal Agent shall not be under any obligation to invest funds held for the payment of interest or principal on the Obligations.

### **III. PAYMENTS**

At least one business day before each interest payment date (commencing with the interest payment date of August 1, 2021 and continuing thereafter until the principal of and interest on the Obligations should have been fully paid or prepaid in accordance with their terms) the Municipality shall pay to the Fiscal Agent, in good funds immediately available to the Fiscal Agent on the interest payment date, a sum equal to the amount payable as principal of, premium, if any, and interest on the Obligations on such interest payment date. Said interest and/or principal payment dates and amounts are outlined on Schedule A which is attached hereto and incorporated herein by this reference.

### IV. CANCELLATION

In every case of the surrender of any Obligation for the purpose of payment, the Fiscal Agent shall cancel and destroy the same and deliver to the Municipality a certificate regarding such cancellation. The Fiscal Agent shall be permitted to microfilm or otherwise photocopy and record said Obligations.

#### V. REGISTRATION BOOK

The Fiscal Agent shall maintain in the name of the Municipality a Registration Book containing the names and addresses of all owners of the Obligations and the following information as to each Obligation: its number, date, purpose, amount, rate of interest and when payable. The Fiscal Agent shall keep confidential said information in accordance with applicable banking and governmental regulations.

#### VI. INTEREST PAYMENT

Payment of each installment of interest on each Obligation shall be made to the registered owner of such Obligation whose name shall appear on the Registration Book at the close of business on the 15th day of the calendar month next preceding each interest payment date and shall be paid by check or draft of the Fiscal Agent mailed to such registered owner at his address as it appears in such Registration Book or at such other address as may be furnished in writing by such registered owner to the Fiscal Agent.

# VII. PAYMENT OF PRINCIPAL AND NOTICE OF REDEMPTION

(a) <u>Principal Payments</u>. Principal shall be paid to the registered owner of an Obligation upon surrender of the Obligation on or after its maturity or redemption date.

The Obligations due on February 1, 2038 (the "Term Bonds") are subject to mandatory redemption prior to maturity by lot at a redemption price equal to One Hundred Percent (100%) of the principal amount to be redeemed plus accrued interest to the date of redemption, from deposits which are required to be made in amounts sufficient to redeem on February 1 of each year the respective amount of Term Bonds specified on the attached <u>Schedule MRP</u>.

The Municipality hereby directs and the Fiscal Agent hereby agrees to select the Term Bonds to be redeemed on the dates set forth above and to give notice of such redemption as set forth in substantially the form attached hereto as Schedule B by registered or certified mail, facsimile transmission, overnight express delivery, electronic transmission or in any other manner required by The Depository Trust Company at least thirty (30) days but not more than sixty (60) days prior to the date fixed for redemption to the registered owner of each Obligation selected to be redeemed, in whole or in part, at the address shown on the registration books as of the Record Date.

The Municipality, in accordance with Section III hereof, shall make payments sufficient for the Fiscal Agent to pay the amounts due on the Term Bonds subject to mandatory redemption.

- Official Notice of Redemption. In the event the Municipality exercises its option (b) to redeem any of the Obligations, the Municipality shall, at least 35 days prior to the redemption date, direct the Fiscal Agent to give official notice of such redemption by sending an official notice thereof by registered or certified mail, facsimile transmission, overnight express delivery, electronic transmission or in any other manner required by The Depository Trust Company at least 30 days but not more than 60 days prior to the date fixed for redemption to the registered owner of each Obligation to be redeemed in whole or in part at the address shown in the Registration Book. Such official notice of redemption shall be dated and shall state (i) the redemption date and price; (ii) an identification of the Obligations to be redeemed, including the date of original issue of the Obligations; (iii) that on the redemption date the redemption price will become due and payable upon each such Obligation or portion thereof called for redemption, and that interest thereon shall cease to accrue from and after said date; and (iv) the place where such Obligations are to be surrendered for payment of the redemption price, which place of payment shall be the principal office of the Fiscal Agent. Official notice of the redemption of Obligations subject to mandatory redemption shall be given in the same manner.
- (c) Additional Notice of Redemption. In addition to the official notice of redemption provided in (b) above, further notice of any redemption shall be given by the Fiscal Agent on behalf of the Municipality to the Municipal Securities Rulemaking Board and The Depository Trust Company of New York, New York but neither a defect in this additional notice nor any failure to give all or any portion of such additional notice shall in any manner defeat the effectiveness of a call for redemption.

Each further notice of redemption given hereunder shall be sent at least 30 days before the redemption date by registered or certified mail, overnight delivery service, facsimile transmission or email transmission and shall contain the information required above for an official notice of redemption.

(d) Redemption of Obligations. The Obligations to be redeemed at the option of the Municipality shall be selected by the Municipality and, within any maturity, shall be selected by lot by the Depository described in Section VIII hereof. Obligations subject to mandatory redemption shall be selected as described in (a) above. The Obligations or portions of Obligations to be redeemed shall, on the redemption dates, become due and payable at the redemption price therein specified, and from and after such date such Obligations or portions of Obligations shall cease to bear interest. Upon surrender of such Obligations for redemption in accordance with the official notice of redemption, such Obligations shall be paid by the Fiscal Agent at the redemption price. Installments of interest due on or prior to the redemption date shall be payable as herein provided for payment of interest. Upon surrender for any partial redemption of any Obligation, there shall be prepared for the registered owner a new Obligation or Obligations of the same maturity in the amount of the unpaid principal. Each check or other transfer of funds issued in payment of the redemption price of Obligations being redeemed shall bear the CUSIP number identifying, by issue and maturity, the Obligations being redeemed with the proceeds of such check or other transfer.

### VIII. UTILIZATION OF THE DEPOSITORY TRUST COMPANY

The Depository Trust Company's Book-Entry-Only System is to be utilized for the Obligations. The Fiscal Agent, as agent for the Municipality, agrees to comply with the

provisions of The Depository Trust Company's Operational Arrangements, as they may be amended from time to time referenced in the Blanket Issuer Letter of Representations executed by the Municipality. The provisions of the Operational Arrangements and this Section VIII supersede and control any and all representations in this Agreement.

# IX. OBLIGATION TRANSFER AND EXCHANGE

The Fiscal Agent shall transfer Obligations upon presentation of a written assignment duly executed by the registered owner or by such owner's duly authorized representative. Upon such a transfer, new registered Obligation(s) of the same maturity, in authorized denomination or denominations in the same aggregate principal amount for each maturity shall be issued to the transferee in exchange therefor, and the name of such transferee shall be entered as the new registered owner in the Registration Book. No Obligation may be registered to bearer. The Fiscal Agent may exchange Obligations of the issue for a like aggregate principal amount of Obligations of the same maturity if in authorized whole multiples of \$5,000.

The Obligations shall be numbered R-1 and upward. Upon any transfer or exchange, the Obligation or Obligations issued shall bear the next highest consecutive unused number or numbers.

The Municipality shall cooperate in any such transfer, and the appropriate officers of the Municipality are authorized to execute any new Obligation or Obligations necessary to effect any such transfer.

#### X. STATEMENTS

The Fiscal Agent shall furnish the Municipality with an accounting of interest and funds upon reasonable request.

### XI. FEES

The Municipality agrees to pay the Fiscal Agent fees for its services hereunder in the amounts set forth on Schedule C hereto.

#### XII. MISCELLANEOUS

- (a) <u>Nonpresentment of Checks</u>. In the event the check or draft mailed by the Fiscal Agent to the registered owner is not presented for payment within five years of its date, then the monies representing such nonpayment shall be returned to the Municipality or to such board, officer or body as may then be entitled by law to receive the same together with the name of the registered owner of the Obligation and the last mailing address of record and the Fiscal Agent shall no longer be responsible for the same.
- (b) Resignation and Removal; Successor Fiscal Agent. (i) Fiscal Agent may at any time resign by giving not less than 60 days written notice to Municipality. Upon receiving such notice of resignation, Municipality shall promptly appoint a successor fiscal agent by an instrument in writing executed by order of its governing body. If no successor fiscal agent shall have been so appointed and have accepted appointment within 60 days after such notice of resignation, the resigning fiscal agent may petition any court of competent jurisdiction for the

appointment of a successor fiscal agent. Such court may thereupon, after such notice, if any, as it may deem proper and prescribes, appoint a successor fiscal agent. The resignation of the fiscal agent shall take effect only upon appointment of a successor fiscal agent and such successor fiscal agent's acceptance of such appointment.

- (ii) The Fiscal Agent may also be removed by the Municipality at any time upon not less than 60 days' written notice. Such removal shall take effect upon the appointment of a successor fiscal agent and such successor fiscal agent's acceptance of such appointment.
- (iii) Any successor fiscal agent shall execute, acknowledge and deliver to Municipality and to its predecessor fiscal agent an instrument accepting such appointment hereunder, and thereupon the resignation or removal of the predecessor fiscal agent shall become effective and such successor fiscal agent, without any further act, deed or conveyance, shall become vested with all the rights, powers, trusts, duties and obligations of its predecessor, with like effect as if originally named as fiscal agent herein; but nevertheless, on written request of Municipality, or on the request of the successor, the fiscal agent ceasing to act shall execute and deliver an instrument transferring to such successor fiscal agent, all the rights, powers, and trusts of the fiscal agent so ceasing to act. Upon the request of any such successor fiscal agent, Municipality shall execute any and all instruments in writing for more fully and certainly vesting in and confirming to such successor fiscal agent all such rights, powers and duties. Any predecessor fiscal agent shall pay over to its successor fiscal agent any funds of the Municipality.
- (iv) Any corporation, association or agency into which the Fiscal Agent may be converted or merged, or with which it may be consolidated, or to which it may sell or transfer its corporate trust business and assets as a whole or substantially as a whole, or any corporation or association resulting from any such conversion, sale, merger, consolidation or transfer to which it is a party, ipso facto, shall be and become successor fiscal agent under this Agreement and vested with all the trusts, powers, discretions, immunities and privileges and all other matters as was its predecessor, without the execution or filing of any instrument or any further act, deed or conveyance on the part of any of the parties hereto, anything herein to the contrary notwithstanding.
- (v) Any successor fiscal agent shall be qualified pursuant to Sec. 67.10(2), Wisconsin Statutes, as amended.
- (c) <u>Termination</u>. This Agreement shall terminate on the earlier of (i) the payment in full of all of the principal and interest on the Obligations to the registered owners of the Obligations or (ii) five years after (aa) the last principal payment on the Obligations is due (whether by maturity or earlier redemption) or (bb) the Municipality's responsibilities for payment of the Obligations are fully discharged, whichever is later. The parties realize that any funds hereunder as shall remain upon termination shall, except as may otherwise by law, be turned over to the Municipality after deduction of any unpaid fees and disbursements of Fiscal Agent or, if required by law, to such officer, board or body as may then be entitled by law to receive the same. Termination of this Agreement shall not, of itself, have any effect on Municipality's obligation to pay the outstanding Obligations in full in accordance with the terms thereof.

(d) <u>Execution in Counterparts</u>. This Agreement may be simultaneously executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

IN WITNESS WHEREOF, the parties have executed this Agreement, being duly authorized so to do, each in the manner most appropriate to it, on the date first above written.

CITY OF MANITOWOC MANITOWOC COUNTY, WISCONSIN

	By: Justin M. Nickels Mayor
(SEAL)	•
	Mackenzie Reed-Kadow City Clerk
	ASSOCIATED TRUST COMPANY, NATIONAL ASSOCIATION, GREEN BAY, WISCONSIN Fiscal Agent
(SEAL)	By:
	AttestTitle

# SCHEDULE A

Debt Service Schedule \$8,730,000 General Obligation Refunding Bonds of the City of Manitowoc, Wisconsin dated November 5, 2018

(SEE ATTACHED)



#### **BOND DEBT SERVICE**

# City of Manitowoc \$8,730,000 General Obligation Refunding Bonds Dated 11/5/2018

Dated Date Delivery Date 02/01/2021 02/01/2021

Ending         Principal         Coupon         Interest         Service         Service           02/01/2021         178,425         178,425         178,425         178,425         178,425           08/01/2022         178,425         178,425         178,425         356,8           02/01/2023         240,000         4.000%         173,625         173,625         592,0           08/01/2023         173,625         173,625         173,625         593,625         1,033,2           08/01/2024         700,000         4.000%         159,625         159,625         1,033,2           08/01/2025         725,000         4.000%         159,625         1846,125         1,029,7           08/01/2025         725,000         4.000%         159,625         1846,125         1,029,7           08/01/2026         765,000         5.000%         145,125         910,125         1,029,7           08/01/2026         126,000         126,000         126,000         1,036,1           08/01/2027         800,000         4.000%         110,000         110,000         1,036,0           08/01/2028         825,000         4.000%         93,500         93,500         1,028,5           02/01/2039					D.111	Annual
02/01/2021 08/01/2022 08/01/2022 178,425 178,425 08/01/2023 02/01/2023 08/01/2023 08/01/2023 08/01/2024 08/01/2024 08/01/2024 08/01/2024 08/01/2025 08/01/2025 08/01/2025 08/01/2025 08/01/2025 08/01/2025 08/01/2025 08/01/2025 08/01/2025 08/01/2025 08/01/2025 08/01/2026 08/01/2026 08/01/2027 08/01/2027 08/01/2027 08/01/2028 08/01/2027 08/01/2028 08/01/2027 08/01/2028 08/01/2028 08/01/2027 08/01/2028 08/01/2028 08/01/2028 08/01/2028 08/01/2028 08/01/2028 08/01/2028 08/01/2028 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2029 08/01/2030 08/01/2031 08/01/2031 08/01/2031 08/01/2031 08/01/2031 08/01/2031 08/01/2031 08/01/2031 08/01/2031 08/01/2032 08/01/2033 08/01/2033 08/01/2034 08/01/2034 08/01/2035 08/01/2035 08/01/2035 08/01/2036 08/01/2037 08/01/2038 08/01/2037 08/01/2037 08/01/2038 08/01/2037 08/01/2038 08/01/2038 08/01/2037 08/01/2038 08/01/2038 08/01/2038 08/01/2038 08/01/2039 08/01/2038 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2035 08/01/2036 08/01/2037 08/01/2037 08/01/2038 08/01/	Period	<b>5.</b> 1 1 1		T-t	Debt	Debt
08/01/2021	Ending	Principal	Coupon	Interest	Service	Service
08/01/2021	02/01/2021					
02/01/2022         178,425         178,425         356,8           08/01/2023         240,000         4.000%         178,425         178,425         356,8           02/01/2023         240,000         4.000%         178,425         173,625         592,0           08/01/2024         700,000         4.000%         173,625         873,625         592,0           08/01/2025         725,000         4.000%         159,625         159,625         1,033,2           08/01/2025         725,000         4.000%         159,625         1845,125         1,029,7           02/01/2026         765,000         5.000%         145,125         910,125         1,029,7           08/01/2026         126,000         126,000         126,000         1,036,1         10,000         1,036,1           08/01/2027         800,000         4.000%         126,000         126,000         1,036,0         1,036,0           08/01/2028         825,000         4.000%         110,000         110,000         1,036,0           08/01/2029         550,000         4.000%         93,500         643,500         82,500         82,500         726,0           08/01/2030         390,000         4.000%         82,500         47				178,425	178,425	178,425
08/01/2022         178,425         178,425         356,8           02/01/2023         240,000         4.000%         178,425         418,425           08/01/2024         700,000         4.000%         173,625         873,625           08/01/2024         159,625         159,625         159,625           02/01/2025         725,000         4.000%         159,625         159,625           08/01/2026         765,000         5.000%         145,125         145,125         1,029,7           02/01/2026         765,000         5.000%         145,125         910,125         1,036,1           02/01/2026         765,000         4.000%         126,000         126,000         1,036,1           02/01/2027         800,000         4.000%         126,000         126,000         1,036,1           02/01/2028         825,000         4.000%         110,000         935,000         1,036,0           08/01/2028         93,500         93,500         935,000         1,028,5           02/01/2030         390,000         4.000%         82,500         82,500         726,0           08/01/2031         405,000         4.000%         74,700         74,700         74,700           08/01/20				178,425	178,425	-
02/01/2023         240,000         4.000%         178,425         418,425         592,0           08/01/2023         700,000         4.000%         173,625         173,625         592,0           02/01/2024         700,000         4.000%         178,625         873,625         103,325           02/01/2025         725,000         4.000%         159,625         884,625         1,033,2           08/01/2026         765,000         5.000%         145,125         145,125         1,029,7           08/01/2027         800,000         4.000%         126,000         126,000         1,036,0           08/01/2028         825,000         4.000%         110,000         110,000         1,036,0           08/01/2028         93,500         93,500         93,500         93,500         93,500           08/01/2029         550,000         4.000%         93,500         643,500         82,500         82,500         82,500         82,500         82,500         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726,0         726				178,425	178,425	356,850
08/01/2023		240,000	4.000%	178,425	418,425	·
08/01/2024         159,625         159,625         1,033,2           02/01/2025         725,000         4.000%         159,625         884,625           08/01/2026         765,000         5.000%         145,125         145,125         1,029,7           08/01/2026         765,000         5.000%         126,000         126,000         1,036,1           02/01/2027         800,000         4.000%         126,000         926,000         1,036,0           08/01/2028         825,000         4.000%         110,000         935,000         1,036,0           08/01/2028         93,500         93,500         93,500         1,028,5           02/01/2029         550,000         4.000%         93,500         643,500           08/01/2029         82,500         82,500         726,0           08/01/2030         390,000         4.000%         82,500         726,0           08/01/2031         405,000         4.000%         74,700         74,700         547,2           02/01/2031         405,000         4.000%         74,700         74,700         547,2           02/01/2032         420,000         4.000%         58,200         58,200         544,8           02/01/2033		,		173,625	173,625	592,050
08/01/2024         159,625         159,625         1,033,2           02/01/2025         725,000         4.000%         159,625         884,625           08/01/2026         765,000         5.000%         145,125         145,125         1,029,7           08/01/2026         126,000         126,000         126,000         1,036,1           02/01/2027         800,000         4.000%         126,000         926,000           08/01/2028         825,000         4.000%         110,000         935,000           08/01/2028         93,500         93,500         93,500         1,028,5           02/01/2029         550,000         4.000%         93,500         643,500           08/01/2029         550,000         4.000%         82,500         726,0           08/01/2030         390,000         4.000%         82,500         74,700         74,700           08/01/2031         405,000         4.000%         74,700         74,700         547,2           02/01/2031         405,000         4.000%         66,600         66,600         546,3           02/01/2032         420,000         4.000%         58,200         58,200         544,8           02/01/2033         435,000		700,000	4.000%	173,625	873,625	·
02/01/2025         725,000         4.000%         159,625         884,625           08/01/2026         765,000         5.000%         145,125         112,5125           08/01/2026         765,000         5.000%         145,125         910,125           08/01/2027         800,000         4.000%         126,000         926,000           08/01/2028         825,000         4.000%         110,000         1,036,0           08/01/2028         93,500         93,500         93,500           08/01/2029         550,000         4.000%         93,500         643,500           08/01/2030         390,000         4.000%         82,500         726,0           08/01/2031         405,000         4.000%         82,500         726,0           08/01/2031         405,000         4.000%         74,700         74,700         547,2           02/01/2032         420,000         4.000%         66,600         66,600         546,3           02/01/2033         435,000         4.000%         58,200         58,200         544,8           02/01/2034         455,000         4.000%         49,500         544,5         544,5           02/01/2035         475,000         4.000% <t< td=""><td></td><td></td><td></td><td>159,625</td><td>159,625</td><td>1,033,250</td></t<>				159,625	159,625	1,033,250
08/01/2025         765,000         5.000%         145,125         145,125         1,029,7           02/01/2026         765,000         5.000%         145,125         910,125         1,036,1           08/01/2027         800,000         4.000%         126,000         926,000         1,036,1           08/01/2028         825,000         4.000%         110,000         110,000         1,036,0           08/01/2028         93,500         93,500         93,500         1,028,5           02/01/2029         550,000         4.000%         93,500         643,500           08/01/2030         390,000         4.000%         82,500         472,500           08/01/2031         405,000         4.000%         74,700         74,700         547,2           08/01/2032         420,000         4.000%         66,600         66,600         546,3           02/01/2033         435,000         4.000%         58,200         58,200         544,8           02/01/2033         435,000         4.000%         58,200         58,200         544,8           02/01/2034         455,000         4.000%         49,500         504,500           08/01/2035         495,000         4.000%         30,900		725,000	4.000%			• •
02/01/2026         765,000         5.000%         145,125         910,125           08/01/2026         126,000         126,000         1,036,1           02/01/2027         800,000         4.000%         126,000         926,000           08/01/2028         825,000         4.000%         110,000         110,000         1,036,0           08/01/2028         93,500         93,500         93,500         1,028,5           02/01/2029         550,000         4.000%         93,500         643,500           08/01/2029         82,500         82,500         82,500           08/01/2030         390,000         4.000%         82,500         472,500           08/01/2031         405,000         4.000%         74,700         74,700         547,2           02/01/2032         420,000         4.000%         66,600         486,600         66,600         546,3           02/01/2032         420,000         4.000%         58,200         58,200         544,8           02/01/2033         435,000         4.000%         58,200         542,7           02/01/2034         455,000         4.000%         49,500         504,500           08/01/2035         475,000         4.000%		•			145,125	1,029,750
08/01/2026         126,000         126,000         1,036,1           02/01/2027         800,000         4.000%         126,000         926,000           08/01/2028         825,000         4.000%         110,000         110,000         1,036,0           02/01/2028         825,000         4.000%         110,000         935,000         08,00         93,500         93,500         1,028,5           02/01/2029         550,000         4.000%         93,500         643,500         726,0         726,0           08/01/2030         390,000         4.000%         82,500         472,500         726,0           08/01/2031         405,000         4.000%         74,700         74,700         547,2           02/01/2032         420,000         4.000%         66,600         486,600         546,3           08/01/2032         58,200         58,200         58,200         544,8           02/01/2033         435,000         4.000%         58,200         493,200           08/01/2034         455,000         4.000%         49,500         504,500           08/01/2035         475,000         4.000%         40,400         515,400           08/01/2036         495,000         4.000%		765,000	5.000%	145,125	910,125	, ,
02/01/2027         800,000         4.000%         126,000         926,000           08/01/2028         825,000         4.000%         110,000         1306,00           08/01/2028         93,500         935,000         935,000         1,028,5           02/01/2029         550,000         4.000%         93,500         643,500         82,500         726,0           08/01/2030         390,000         4.000%         82,500         472,500         726,0         726,0           08/01/2030         390,000         4.000%         82,500         472,500         726,0				126,000	126,000	1,036,125
08/01/2027         110,000         110,000         1,036,00           02/01/2028         825,000         4.000%         110,000         935,000         1,028,5           08/01/2029         550,000         4.000%         93,500         643,500         726,0           08/01/2029         82,500         82,500         726,0         726,0         726,0           08/01/2030         390,000         4.000%         82,500         472,500         726,0           08/01/2031         405,000         4.000%         74,700         74,700         547,2           02/01/2031         405,000         4.000%         66,600         66,600         546,3           02/01/2032         420,000         4.000%         66,600         486,600         546,3           02/01/2033         435,000         4.000%         58,200         58,200         544,8           02/01/2033         435,000         4.000%         49,500         504,500           08/01/2034         455,000         4.000%         40,400         515,400           08/01/2035         475,000         4.000%         30,900         30,900         546,3           02/01/2036         495,000         4.000%         30,900         52	02/01/2027	800,000	4.000%	126,000	926,000	
02/01/2028         825,000         4.000%         110,000         935,000           08/01/2028         93,500         93,500         1,028,5           02/01/2029         550,000         4.000%         93,500         643,500           08/01/2030         390,000         4.000%         82,500         472,500           08/01/2030         74,700         74,700         74,700         547,2           02/01/2031         405,000         4.000%         66,600         66,600         546,3           02/01/2032         420,000         4.000%         66,600         486,600         546,3           02/01/2032         420,000         4.000%         58,200         58,200         544,8           02/01/2033         435,000         4.000%         58,200         493,200         542,7           02/01/2034         455,000         4.000%         49,500         504,500         544,9           08/01/2035         475,000         4.000%         40,400         515,400         546,3           02/01/2036         495,000         4.000%         30,900         525,900         546,3           02/01/2037         515,000         4.000%         21,000         536,000         546,9				110,000	110,000	1,036,000
08/01/2028         93,500         93,500         1,028,5           02/01/2029         550,000         4.000%         93,500         643,500           08/01/2029         82,500         82,500         726,0           02/01/2030         390,000         4.000%         82,500         472,500           08/01/2031         405,000         4.000%         74,700         74,700         547,2           02/01/2031         405,000         4.000%         66,600         66,600         546,3           02/01/2032         420,000         4.000%         66,600         486,600         546,3           02/01/2032         420,000         4.000%         58,200         58,200         544,8           02/01/2033         435,000         4.000%         58,200         493,200         544,8           02/01/2034         455,000         4.000%         49,500         504,500         542,7           02/01/2035         475,000         4.000%         40,400         515,400         546,3           02/01/2036         495,000         4.000%         30,900         525,900         546,3           02/01/2037         515,000         4.000%         21,000         536,000         546,9 <tr< td=""><td></td><td>825,000</td><td>4.000%</td><td>110,000</td><td></td><td></td></tr<>		825,000	4.000%	110,000		
02/01/2029         550,000         4.000%         93,500         643,500           08/01/2029         82,500         82,500         726,00           02/01/2030         390,000         4.000%         82,500         472,500           08/01/2031         405,000         4.000%         74,700         479,700           08/01/2031         66,600         66,600         66,600         546,3           02/01/2032         420,000         4.000%         66,600         486,600           08/01/2032         58,200         58,200         58,200         544,8           02/01/2033         435,000         4.000%         58,200         493,200           08/01/2033         455,000         4.000%         49,500         504,500           08/01/2034         455,000         4.000%         40,400         515,400           08/01/2035         475,000         4.000%         40,400         515,400           08/01/2036         495,000         4.000%         30,900         525,900           08/01/2037         515,000         4.000%         21,000         536,000           08/01/2037         515,000         4.000%         10,700         546,7           02/01/2038 <td< td=""><td></td><td>,</td><td></td><td></td><td></td><td>1,028,500</td></td<>		,				1,028,500
08/01/2029         82,500         82,500         726,00           02/01/2030         390,000         4.000%         82,500         472,500           08/01/2030         74,700         74,700         74,700         547,2           02/01/2031         405,000         4.000%         74,700         479,700           08/01/2032         66,600         66,600         546,3           02/01/2032         420,000         4.000%         58,200         58,200         544,8           02/01/2033         435,000         4.000%         58,200         493,200         542,7           08/01/2033         455,000         4.000%         49,500         504,500         542,7           08/01/2034         455,000         4.000%         40,400         515,400         544,9           08/01/2035         475,000         4.000%         30,900         30,900         546,3           02/01/2036         495,000         4.000%         30,900         525,900           08/01/2037         515,000         4.000%         21,000         536,000           08/01/2038         535,000         4.000%         10,700         545,700		550,000	4.000%		643,500	• •
02/01/2030         390,000         4.000%         82,500         472,500           08/01/2031         405,000         4.000%         74,700         74,700           08/01/2031         66,600         66,600         546,3           02/01/2032         420,000         4.000%         66,600         486,600           08/01/2032         58,200         58,200         58,200         544,8           02/01/2033         435,000         4.000%         58,200         493,200           08/01/2034         455,000         4.000%         49,500         504,500           08/01/2034         475,000         4.000%         40,400         40,400         544,9           02/01/2035         475,000         4.000%         30,900         30,900         546,3           02/01/2036         495,000         4.000%         30,900         525,900           08/01/2037         515,000         4.000%         21,000         536,000           08/01/2037         10,700         546,7         10,700         545,700				82,500	82,500	726,000
08/01/2030       74,700       74,700       547,2         02/01/2031       405,000       4.000%       74,700       479,700         08/01/2031       66,600       66,600       546,3         02/01/2032       420,000       4.000%       66,600       486,600         08/01/2033       58,200       58,200       58,200       544,8         02/01/2034       455,000       4.000%       49,500       49,500       542,7         02/01/2034       455,000       4.000%       49,500       504,500       544,9         08/01/2035       475,000       4.000%       40,400       515,400       546,3         02/01/2036       495,000       4.000%       30,900       525,900       546,3         02/01/2037       515,000       4.000%       21,000       536,000       546,9         02/01/2038       535,000       4.000%       10,700       545,700       546,7		390,000	4.000%		472,500	•
02/01/2031         405,000         4.000%         74,700         479,700           08/01/2031         66,600         66,600         546,3           02/01/2032         420,000         4.000%         66,600         486,600           08/01/2032         58,200         58,200         58,200         544,8           02/01/2033         435,000         4.000%         58,200         493,200           08/01/2034         49,500         49,500         542,7           02/01/2035         475,000         4.000%         40,400         540,400           08/01/2035         30,900         30,900         525,900           08/01/2036         495,000         4.000%         30,900         525,900           08/01/2037         515,000         4.000%         21,000         536,000           08/01/2037         10,700         10,700         546,7           02/01/2038         535,000         4.000%         10,700         545,700				74,700		547,200
08/01/2031       66,600       66,600       546,3         02/01/2032       420,000       4.000%       66,600       486,600         08/01/2032       58,200       58,200       544,8         02/01/2033       435,000       4.000%       58,200       493,200         08/01/2034       49,500       49,500       542,7         02/01/2034       455,000       4.000%       49,500       504,500         08/01/2035       475,000       4.000%       40,400       515,400         08/01/2036       495,000       4.000%       30,900       525,900         08/01/2036       21,000       21,000       536,000         08/01/2037       515,000       4.000%       21,000       536,000         08/01/2038       535,000       4.000%       10,700       545,700	02/01/2031	405,000	4.000%			•
02/01/2032         420,000         4.000%         66,600         486,600           08/01/2032         58,200         58,200         544,8           02/01/2033         435,000         4.000%         58,200         493,200           08/01/2034         49,500         49,500         542,7           02/01/2034         455,000         4.000%         49,500         504,500           08/01/2035         475,000         4.000%         40,400         515,400           08/01/2035         30,900         30,900         525,900           08/01/2036         495,000         4.000%         30,900         525,900           08/01/2037         515,000         4.000%         21,000         536,000           08/01/2037         10,700         10,700         546,7           02/01/2038         535,000         4.000%         10,700         545,700		,			66,600	546,300
08/01/2032       58,200       58,200       544,8         02/01/2033       435,000       4.000%       58,200       493,200         08/01/2034       49,500       49,500       542,7         02/01/2034       455,000       4.000%       49,500       504,500         08/01/2035       475,000       4.000%       40,400       515,400         08/01/2035       30,900       30,900       525,900         08/01/2036       495,000       4.000%       30,900       525,900         08/01/2037       515,000       4.000%       21,000       536,000         08/01/2037       10,700       10,700       546,7         02/01/2038       535,000       4.000%       10,700       545,700		420,000	4.000%	66,600	486,600	
02/01/2033         435,000         4.000%         58,200         493,200           08/01/2033         49,500         49,500         542,7           02/01/2034         455,000         4.000%         49,500         504,500           08/01/2035         475,000         4.000%         40,400         515,400           08/01/2035         30,900         30,900         525,900           08/01/2036         495,000         4.000%         30,900         525,900           08/01/2037         515,000         4.000%         21,000         536,000           08/01/2037         10,700         10,700         546,7           02/01/2038         535,000         4.000%         10,700         545,700		,		58,200		544,800
08/01/2033       49,500       49,500       542,7         02/01/2034       455,000       4.000%       49,500       504,500         08/01/2034       40,400       40,400       544,9         02/01/2035       475,000       4.000%       40,400       515,400         08/01/2036       30,900       30,900       525,900         08/01/2036       21,000       21,000       546,9         02/01/2037       515,000       4.000%       21,000       536,000         08/01/2037       10,700       10,700       546,7         02/01/2038       535,000       4.000%       10,700       545,700	02/01/2033	435,000	4.000%		493,200	·
02/01/2034         455,000         4.000%         49,500         504,500           08/01/2034         40,400         40,400         544,9           02/01/2035         475,000         4.000%         40,400         515,400           08/01/2035         30,900         30,900         546,3           02/01/2036         495,000         4.000%         30,900         525,900           08/01/2037         21,000         21,000         546,9           02/01/2037         515,000         4.000%         21,000         536,000           08/01/2037         10,700         10,700         545,700		,			49,500	542,700
08/01/2034       40,400       40,400       544,9         02/01/2035       475,000       4.000%       40,400       515,400         08/01/2035       30,900       30,900       546,3         02/01/2036       495,000       4.000%       30,900       525,900         08/01/2036       21,000       21,000       546,9         02/01/2037       515,000       4.000%       21,000       536,000         08/01/2037       10,700       10,700       546,7         02/01/2038       535,000       4.000%       10,700       545,700		455,000	4.000%	49,500	504,500	·
02/01/2035       475,000       4.000%       40,400       515,400         08/01/2035       30,900       30,900       546,3         02/01/2036       495,000       4.000%       30,900       525,900         08/01/2036       21,000       21,000       546,9         02/01/2037       515,000       4.000%       21,000       536,000         08/01/2037       10,700       10,700       546,7         02/01/2038       535,000       4.000%       10,700       545,700	08/01/2034					544,900
08/01/2035       30,900       30,900       546,3         02/01/2036       495,000       4.000%       30,900       525,900         08/01/2036       21,000       21,000       546,9         02/01/2037       515,000       4.000%       21,000       536,000         08/01/2037       10,700       10,700       546,7         02/01/2038       535,000       4.000%       10,700       545,700	02/01/2035	475,000	4.000%	40,400	515,400	•
02/01/2036       495,000       4.000%       30,900       525,900         08/01/2036       21,000       21,000       546,9         02/01/2037       515,000       4.000%       21,000       536,000         08/01/2037       10,700       10,700       546,7         02/01/2038       535,000       4.000%       10,700       545,700						546,300
08/01/2036       21,000       21,000       546,9         02/01/2037       515,000       4.000%       21,000       536,000         08/01/2037       10,700       10,700       546,7         02/01/2038       535,000       4.000%       10,700       545,700	02/01/2036	495,000	4.000%			•
02/01/2037       515,000       4.000%       21,000       536,000         08/01/2037       10,700       10,700       546,7         02/01/2038       535,000       4.000%       10,700       545,700	08/01/2036	•			21,000	546,900
08/01/2037 10,700 10,700 546,7 02/01/2038 535,000 4.000% 10,700 545,700		515,000	4.000%			• • • •
02/01/2038 535,000 4.000% 10,700 545,700		,	<del>-</del>			546,700
		535,000	4.000%			•
08/01/2038 245,/	08/01/2038	•		•	•	545,700
8,730,000 3,198,450 11,928,450 11,928,4		8,730,000		3,198,450	11,928,450	11,928,450

# **SCHEDULE MRP**

# **Mandatory Redemption Provision**

The Obligations due on February 1, 2038 (the "Term Bonds") are subject to mandatory redemption prior to maturity by lot (as selected by the Depository) at a redemption price equal to One Hundred Percent (100%) of the principal amount to be redeemed plus accrued interest to the date of redemption, from debt service fund deposits which are required to be made in amounts sufficient to redeem on February 1 of each year the respective amount of Term Bonds specified below:

# For the Term Bonds Maturing on February 1, 2038

Redemption	
Date	<u>Amount</u>
2037	\$515,000
2038	535,000 (maturity)

#### SCHEDULE B

# NOTICE OF MANDATORY SINKING FUND REDEMPTION\*

City of Manitowoc, Wisconsin General Obligation Refunding Bonds Dated November 5, 2018

NOTICE IS HEREBY GIVEN that a portion of the Bonds of the above-referenced issue which mature on February 1, 20\_\_\_ shall be subject to mandatory sinking fund redemption on February 1 of the year set forth below, in the amount set forth below, at a redemption price equal to One Hundred Percent (100%) of the principal amount redeemed plus accrued interest to the date of redemption.

	Redemption Date	Principal Amount	CUSIP Number
	February 1,	\$	
above.	Such portion of the Bonds v	will cease to bear interes	st on the redemption date set forth
		BY THE ORI COMMON C	
		CITY OF MA	ANITOWOC, WISCONSIN
Dated:			

To be provided by registered or certified mail, facsimile transmission, overnight express delivery, electronic transmission or in any other manner required by The Depository Trust Company, to The Depository Trust Company, Attn: Supervisor, Call Notification Department, 570 Washington Blvd., Jersey City, NJ 07310, not less than thirty (30) days nor more than sixty (60) days prior to the call date. At least thirty (30) days prior to the call date notice shall also be filed electronically with the Municipal Securities Rulemaking Board through the Electronic Municipal Market Access (EMMA) System website at <a href="https://www.emma.msrb.org">www.emma.msrb.org</a>.

# SCHEDULE C

(SEE ATTACHED)