



Virtual Meeting
Mequon, WI 53092
Phone: 262-236-2913
Fax: 262-242-1580

www.ci.mequon.wi.us

Water Utility
Taped and Televised

MEQUON MUNICIPAL WATER UTILITY COMMISSION

Tuesday, June 9, 2020

7:30 PM

Virtual Meeting

ELECTRONIC MEETING NOTICE: Pursuant to the current recommendation of the CDC limiting the size of public gatherings and the various federal and state orders implementing that recommendation, and to help protect our community from the Coronavirus (COVID-19) pandemic, this meeting will be held virtually through the GoToMeeting platform with each member accessing the meeting remotely. Citizens wishing to attend the meeting are encouraged to watch the live broadcast of the meeting on the City's YouTube Account (<https://www.youtube.com/channel/UCZDJETJ1a2M-KQgIcEDiyMQ>), or on the City's Agenda Management Website (<http://mequoncitywi.iqm2.com/Citizens/default.aspx>). Citizens may also join the meeting online or by phone. Please go to <https://www.gotomeet.me/Mequon/cc> and enter access code 298-967-317 to join the meeting online or call into the meeting by dialing 1-866-899- 4679 and enter access code 298-967-317.

PUBLIC COMMENTS will be accepted in writing only. Public comments should be directed at least 2 hours prior to the meeting to the Department of Public Works in advance by email at klundeen@ci.mequon.wi.us or by leaving a written public comment addressed to the intended committee in the drop box at City Hall on 11333 N. Cedarburg Road, Mequon, by 5:30 PM on Tuesday, June 9. Comments received timely will be forwarded to all members of the body for their consideration.

Reasonable accommodations will be made for those citizens who are unable to attend the meeting in the methods identified above upon at least two hours' notice. Notice can be given to the City Clerk's Office at 262-236-2914.

Agenda

1) Call to Order, Roll Call

2) Approval of Meeting Minutes

Action requested: review and approve

a. April 14, 2020 Minutes

3) Action Item

Discussion and Action

a. Contract Award to Globe Contractors, Inc. to Replace Hydrants and Extend 150 feet of Water Main in Port Washington Road in the Amount of \$68,340

4) Adjourn

Dated: June 9, 2020

/s/ John Wirth, Chair

Notice is hereby given that a quorum of other governmental bodies may be present at this meeting to present, discuss and/or gather information about a subject over which they have decision-making responsibility, although they will not take formal action thereto at this meeting.

Persons with disabilities requiring accommodations for attendance at this meeting should contact the City Clerk's Office at 262-236-2914, twenty-four (24) hours in advance of the meeting.

Any questions regarding this agenda may be directed to the Public Works Office at 262-236-2913, Monday through Friday, 7:00 AM - 3:30 PM.



11333 N. Cedarburg Road
Mequon, WI 53092
Phone: 262-236-2913
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MEQUON MUNICIPAL WATER UTILITY COMMISSION

Tuesday, April 14, 2020

7:30 PM

Christine Nuernberg Hall

Minutes

- 1) Call to Order, Roll Call
Commissioner Wirth called the meeting to order at 7:30 PM.

Present:

- Commissioner John Wirth
- Commissioner Robert Strzelczyk
- Commissioner Glenn Bushee
- Commissioner Dale Mayr
- Commissioner Jeffrey Hansher
- Commissioner Mark Gierl
- Commissioner Brian Parrish
- Commissioner Kathleen Schneider
- Commissioner Andrew Nerbun

Also present were City Attorney Sajdak, City Administrator Jones, Director of Public Works/City Engineer Lundeen, Deputy Director of Utilities Driscoll, Water Utility/City Water LLC Director of Operations Voigt, and Administrative Assistant Deuster.

- 2) Approval of Meeting Minutes

a. March 10, 2020 Minutes

RESULT: **Approved [Unanimous]**

MOVED BY: Commissioner Mayr

SECONDED BY: Commissioner Nerbun

AYES:	Wirth, Strzelczyk, Bushee, Mayr, Hansher, Gierl, Parrish, Schneider, Nerbun
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- 3) Resolutions

Action requested: review and recommend approval

a. Orchard Street Water Services Agreement

RESULT: **Approved [Unanimous]**

Attachment: 04-14-2020 Mins_Water Utility Commission (5225 : April 14, 2020 Minutes)

MOVED BY: Commissioner Strzelczyk
SECONDED BY: Commissioner Nerbun

AYES: Wirth, Strzelczyk, Bushee, Mayr, Hansher, Gierl, Parrish, Schneider, Nerbun

4) Motion to Adjourn at 7:34 PM.

RESULT: **Approved by Voice Acclamation [Unanimous]**
MOVED BY: Commissioner Strzelczyk
SECONDED BY: Commissioner Gierl

AYES: Wirth, Strzelczyk, Bushee, Mayr, Hansher, Gierl, Parrish, Schneider, Nerbun

Respectfully Submitted,

Casey Deuster

Attachment: 04-14-2020 Mins_Water Utility Commission (5225 : April 14, 2020 Minutes)



11333 N. Cedarburg Road
 Mequon, WI 53092-1930
 Phone: 262-242-3100
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www.ci.mequon.wi.us

Office of Mequon Municipal Water Utility Commission

TO: Mequon Municipal Water Utility Commission
FROM: Jim Voigt, Director of Operations
DATE: June 1, 2020
SUBJECT: Contract Award to Globe Contractors, Inc. to Replace Hydrants and Extend 150 feet of Water Main in Port Washington Road in the Amount of \$68,340

Background

The building owner at 10520 N Port Washington Rd approached the Water Utility in August 2019 about the possibility of connecting to the public water system. The redevelopment of this property requires public fire protection for the building, and the owner also requested domestic public water service instead of using the existing well on the property.

Based on the tariff with the Public Service Commission of Wisconsin, the Water Utility staff calculated the cost of this short water main extension. The water utility provided a price of \$30,900, and the customer agreed. The distance of this watermain extension is 150 feet and is less than 1,000 feet from existing infrastructure to provide service to this building. As the total length is under 1,000 feet, the unit costs in Table 5 of the tariff apply (see Exhibit A). The water main extension is categorized as betterment of services.

This work also includes a fire hydrant relocation at 10500 N. Port Washington Road, as required by NFP code, to within 150 feet of the external fire department connection. Two additional hydrant replacements in East Eastbrook Drive and West Eastbrook Court were included in the bid. These hydrants were scheduled for replacement and included in the bid to achieve some economy of scale for both projects. The hydrant replacements are categorized as buried utility work.

Analysis

Five bids were received and are summarized below with detailed bid items in Exhibit B.

Contractor	Bid
Globe Contractors, Inc.	\$68,340
Go Constructors, LLC	\$69,040
Mid City Corp.	\$84,540
DF Tomasini Contractors, Inc.	\$90,200
Super Excavators, Inc.	\$112,999

City Water's recommendation letter is attached as Exhibit C.

Fiscal Impact

The total project bid was \$68,340. The customer agreed to contribute \$30,900, and the remaining balance and total cost to the utility is \$37,440. This water main extension is categorized as betterment of services, and the hydrant replacements are categorized as buried utility work.

The cost to the Water Utility for the water main extension at 10520 North Port Washington Road is \$17,040. There is adequate funding for this work in the Betterment of Services Fund, 620679-741007.

Additional costs to the utility for hydrant work on this project total \$20,400. This includes hydrant and service relocation at 10500 North Port Washington Road, per NR 811, in the amount of the \$2,400. In addition, this also includes replacement the two existing hydrants in West Eastbrook Court and East Eastbrook Drive in the amount of \$18,000. There is adequate funding for this work in the Buried Utility Plant Fund, 620679-741004. These costs are detailed in the table below.

Item	Property Owner	Utility	Total
Water Main Extension (10500 PW Rd)	\$30,900	\$17,040	\$47,940
Hydrant Replacement (10500 PW Rd)	N/A	\$2,400	\$2,400
Eastbrook Court Hydrants (2)	N/A	\$18,000	\$18,000
Total	\$30,900	\$37,440	\$68,340

Please note that at a future meeting, staff will hold a policy discussion as to whether the costs of Table 5 of the tariff should be updated, or whether this type of water main extension should be constructed under the build and contribute model. Either option would result in a net neutral cost to the utility.

Recommendation

Staff recommends that the Water Utility Commission award a contract to Globe Contractors, Inc. of Pewaukee, Wisconsin to replace hydrants and extend 150 feet of water main at 10500 N. Port Washington Road in the amount of \$68,340.

Attachments:

Exhibit A - Table 5 (Connecting Main Cost for 1000FT or Less) (PDF)

Exhibit B - MWU Project #2020-01-Bid Tab(PDF)

Exhibit C - Recommendation of Award (PDF)

Table 5
Standard Local Delivery Main Extension and Connecting Main Costs
 (applies to non-developer main extensions of 1,000 feet or less)

Bid Items	Cost per foot		
	Low	Med	High
Water main - spoil backfill			
6-inch	\$30	\$40	\$50
8-inch	\$35	\$45	\$55
12-inch	\$55	\$60	\$70
16-inch	\$70	\$80	\$90
Water main - granular backfill			
6-inch	\$45	\$50	\$60
8-inch	\$50	\$55	\$65
12-inch	\$70	\$80	\$90
16-inch	\$85	\$90	\$100
Water main - Slurry backfill			
6-inch	\$75	\$80	\$90
8-inch	\$80	\$85	\$95
12-inch	\$100	\$110	\$120
16-inch	\$115	\$120	\$130
Water main - Directionally Drilled			
6-inch	\$60	\$70	\$80
8-inch	\$65	\$75	\$85
12-inch	\$85	\$95	\$100
16-inch	\$145	\$160	\$175
Water main - Bore and Jack			
6-inch	\$225	\$250	\$275
8-inch	\$250	\$275	\$325
12-inch	\$275	\$300	\$340
16-inch	\$325	\$375	\$425
Restoration*			
Turf	\$3	\$4	\$5
Asphalt roadway	\$40	\$45	\$55
Asphalt driveway	\$30	\$45	\$55
Concrete roadway	\$37	\$45	\$53
Concrete driveway	\$18	\$20	\$30
Sidewalk	\$20	\$25	\$30
Gravel shoulder	\$5	\$10	\$15
Concrete Curb and Gutter	\$30	\$35	\$40
Erosion Mat	\$1	\$2	\$4
Heavy Duty Erosion Mat	\$2	\$3	\$5
Erosion Control			
Silt fence	\$1	\$2	\$3

* based on a 6' wide trench width

Bid Items	Cost per Each		
	Low	Med	High
Hydrant assembly	\$3,200	\$3,800	\$4,500
Valve & valve box			
6-inch	\$1,000	\$1,300	\$1,700
8-inch	\$1,300	\$1,600	\$2,000
12-inch	\$2,000	\$2,500	\$3,000
16-inch	\$2,500	\$3,000	\$4,000
Erosion Control			
Sediment logs	\$200	\$225	\$250
Hay Bales	\$10	\$15	\$25
Connection to existing main			
6-inch main	\$2,000	\$2,500	\$2,750
8-inch main	\$2,200	\$3,000	\$3,500
10-inch main	\$2,400	\$3,300	\$4,000
12-inch main	\$2,750	\$3,500	\$4,500
16-inch main	\$3,000	\$3,750	\$5,000



BID TABULATION

PROJECT: 10500 N. Port Washington Rd Water Main Extension Project #: MWU-2020-01				Engineer's Opinion of Cost		Globe Contractors, Inc.		Go Constructors, LLC		Mid City Corporation		DF Tomasini Contractors, Inc.		Super Excavators, Inc	
BID DEADLINE: May 7, 2020 11:00am Central Daylight Time															
DESCRIPTION		UNITS	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	8" PVC Water Main– Spoil Backfill with Turf Restoration	LF	50	\$ 70.00	\$3,500.00	\$190.00	\$9,500.00	\$150.00	\$7,500.00	\$225.00	\$11,250.00	\$ 264.00	\$13,200.00	\$258.00	\$12,900.00
2	8" PVC Water Main – Granular Backfill with Asphalt Driveway Restoration	LF	10	\$ 120.00	\$1,200.00	\$250.00	\$2,500.00	\$400.00	\$4,000.00	\$275.00	\$2,750.00	\$ 370.00	\$3,700.00	\$755.00	\$7,550.00
3	8" PVC Water Main – Granular Backfill with Concrete Driveway Restoration	LF	90	\$ 120.00	\$10,800.00	\$250.00	\$22,500.00	\$200.00	\$18,000.00	\$350.00	\$31,500.00	\$ 430.00	\$38,700.00	\$403.00	\$36,270.00
4	8" Water Main Valve	EA	1	\$ 2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$ 1,400.00	\$1,400.00	\$1,659.00	\$1,659.00
5	Hydrant Assembly	EA	1	\$ 4,500.00	\$4,500.00	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$ 7,550.00	\$7,550.00	\$4,976.00	\$4,976.00
6	6-inch Service Connection	EA	1	\$ 7,200.00	\$7,200.00	\$1,200.00	\$1,200.00	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$ 2,300.00	\$2,300.00	\$255.00	\$255.00
7	Connection to 8-inch Main	EA	1	\$ 2,000.00	\$2,000.00	\$1,200.00	\$1,200.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$ 3,300.00	\$3,300.00	\$329.00	\$329.00
8	Relocate Existing Hydrant	LS	1	\$ 3,500.00	\$3,500.00	\$1,200.00	\$1,200.00	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$ 3,100.00	\$3,100.00	\$128.00	\$128.00
9	Relocate Existing 6-inch Service Valve	LS	1	\$ 2,500.00	\$2,500.00	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$ 2,200.00	\$2,200.00	\$128.00	\$128.00
10	Saw Cutting	LF	180	\$ 3.00	\$540.00	\$3.00	\$540.00	\$3.00	\$540.00	\$3.00	\$540.00	\$ 2.50	\$450.00	\$1.00	\$180.00
11	Traffic Control	LS	1	\$ 5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$ 1,500.00	\$1,500.00	\$21,300.00	\$21,300.00
12	Remove and Install New Hydrants	EA	2	\$ 10,000.00	\$20,000.00	\$9,000.00	\$18,000.00	\$9,000.00	\$18,000.00	\$9,500.00	\$19,000.00	\$ 6,400.00	\$12,800.00	\$13,662.00	\$27,324.00
Total Base Bid for Items 1 thru 12				\$62,740.00		\$68,340.00		\$69,040.00		\$84,540.00		\$90,200.00		\$112,999.00	
Addendum Acknowledged (Yes/No)						YES		YES		YES		YES		YES	
Bid Security/Type						5% Bid Bond		5% Bid Bond		5% Bid Bond		5% Bid Bond		5% Bid Bond	
Apparent Low Bid														Globe Contractors, Inc.	

Attachment: Exhibit B - MWU Project #2020-01-Bid Tab (5165 : Water Main Extension - 10500 N. Port

memo



To: Kristen Lundeen – City of Mequon – Water Utility
From: Tom Nennig, City Water
CC: Jim Voigt
Date: May 15, 2020
Re: 10500 N. Port Washington Road Water Main Extension

Project Bid: On Thursday May 7, 2020, public bids were opened for the above-mentioned water main extension project. The project contains a water main extension to serve the building at 10500 N. Port Washington Rd., a hydrant and service modification, and two hydrant replacements.

Bidding documents were prepared and administered by City Water, LLC. The City received five (5) bids from prequalified bidders. The low bid was submitted by Globe Contractors, Inc. and is detailed below

- Base Bid Total: \$68,340
- 10500 N. Port Washington Rd. extension: \$47,940
- Hydrant and service modification: \$3,000
- Hydrant replacements: \$18,000

The Base Bid submitted by Globe was approximately 8.9% higher than the engineer's estimated amount for the project due to the increased unit cost of the water main extension under the asphalt and concrete driveway. A copy of the bid tabulation is attached.

The water main extension to 10500 N. Port Washington Rd. was less than 1,000 feet therefore, according to the PSC tariff the Utility will design and build the extension for costs identified in the tariff. Based on prices identified in the tariff, the Utility can only charge the customer \$30,900 based on the unit prices. The additional cost of the water main extension will be paid from the Betterment of Service Projects capital fund.

The cost for hydrant and service modification, and hydrant replacements will be paid by the Buried Utility Plant capital fund.

Recommendation: City Water recommends the Water Commission accept the base bid amount of \$68,340 and award the bid to Globe Contractors.