

CITY OF OAK CREEK WATER & SEWER UTILITY

OFFICIAL NOTICE

PLEASE TAKE NOTICE that the Water and Sewer Utility Commission will meet at the Oak Creek Water & Sewer Utility, 170 West Drexel Avenue, Oak Creek, Wisconsin, 53154 on Tuesday, March 8, 2016, at 9:00 am.

The purpose of this meeting will be to discuss the topics listed on the attached agenda.

It is possible that members of and possibly a quorum of members of our governmental bodies of the municipality may be in attendance at the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice.

PUBLIC NOTICE

Please Note: Upon reasonable notice, a good faith effort will be made to accommodate the needs of disabled individuals through sign language interpreters or other auxiliary aid at no cost to the individual to participate in public meetings. Due to the difficulty in finding interpreters, requests should be made as far in advance as possible, preferably a minimum of 48 hours. For additional information or to request this service, contact the Oak Creek City Clerk at 768-6511 or write to the ADA Coordinator at the Health Department, City Hall, 8040 South 6th Street, Oak Creek, Wisconsin, 53154.

DATED, at Oak Creek, Wisconsin, this the 3rd day of March, 2016.

/s/ Michael J. Sullivan
General Manager

A G E N D A
WATER AND SEWER UTILITY COMMISSIONERS
CITY OF OAK CREEK

<u>TIME</u>	<u>DATE</u>	<u>LOCATION</u>
9:00 am	Tuesday March 8, 2016	Headquarters Building 170 West Drexel Avenue

1.0 OPENING OF MEETING

- 1.1 Roll Call
- 1.2 Minutes Approval - Regular Meeting 02-09-16

2.0 FINANCIAL MATTERS

- 2.1 Change Order #1 S. 27th Street Hydrant Relocation/Water Main Relay Project
- 2.2 Project Payment Approvals
- 2.3 Voucher Approval
- 2.4 Utility Investments

3.0 ADMINISTRATIVE & OPERATIONS REPORTS

- 3.1 Aldermanic Report
- 3.2 Plant Operations Report
- 3.3 Distribution Operations Report
- 3.4 Administrative Operations Report
- 3.5 Engineering Operations Report
- 3.6 Manager's Report

4.0 PROJECT APPROVALS

- 4.1 5th Avenue Water Main Extension Construction Contract Award

5.0 MISCELLANEOUS MATTERS

- 5.1 Gate Opener Replacement Headquarter Bids
- 5.2 Hydrant Painting Bids
- 5.3 Verizon-Cellular Lease Amendment at Sycamore Tower

6.0 CLOSED SESSION

- 6.1 Closed session in accordance with Section 19.85 (1) (g) of the Wisconsin State Statutes for the following purpose:
 - A. CT Tank Compliance Project

7.0 ADJOURN

**CHANGE ORDER AUTHORIZATION
CHANGE ORDER NO. 1
PROJECT NO. 15101**

South 27th Street Hydrant Relocation and Water Main Relay

**INITIATED BY THE OAK CREEK WATER AND SEWER UTILITY
DATE INITIATED: February 19, 2016**

Work authorization for furnishing the necessary labor, materials and equipment to perform the following:

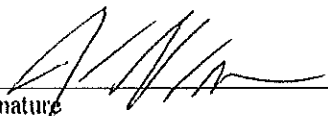
ITEM NO.	ITEM DESCRIPTION	QUANTITY UNIT	UNIT PRICE	COST
E-1	Utility Conflict Alignment Changes	1 LS	\$15,000.00	\$15,000.00
E-2	Water Main Alignment Conflict	1 LS	\$2,500.00	\$2,500.00
E-3	Unforeseen Site Contamination	1 LS	\$29,013.64	\$29,013.64
E-4	Required Changes Related to Unforeseen Site Contamination	1 LS	\$33,852.00	\$33,852.00
TOTAL CHANGE ORDER				\$80,365.64

E = Contract Extra, C = Contract Credit

This work, performed under the South 27th Street Hydrant Relocation and Water Main Relay contract, is hereby agreed upon and has been performed as indicated under the contract for Project No. 15101, Change Order No. 1 for contract extras with a total net cost of \$80,365.64.

MJ Construction, Inc.

Oak Creek Water & Sewer Utility



Signature

Signature

Justin Leszczynski

Accepted by (print name)

Accepted by (print name)

3/1/16

Date Accepted

Date Accepted

OAK CREEK WATER AND SEWER UTILITY
PROGRESS PAYMENT

PROJECT NO. 15101 - 27th Street Hydrant Relocations and Water Main Relay

Item No.	Item Description	Quantity	IM Construction		Partial Payment 1 April 18, 2019		Partial Payment 2 May 12, 2019		Partial Payment 3 June 10, 2019		Partial Payment 4 July 14, 2019		Partial Payment 5 August 17, 2019		Partial Payment 6 September 8, 2019		Partial Payment 7 March 2, 2020		Total Complete		
			Unit	Price	Total	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	12" PVC Water Main, Grac. B.F., Pavement Restoration	210	LF	\$143.00	\$30,030.00	0	\$0.00	0	\$0.00	0	\$0.00	179	\$25,897.00	0	\$0.00	0	\$0.00	-146.50	-\$20,949.50	98.50	\$14,228.50
2	12" PVC Water Main, Grac. B.F., Turf Rest.	350	LF	\$118.00	\$41,350.00	0	\$0.00	0	\$0.00	138.40	\$16,968.69	0	\$0.00	0	\$0.00	450.00	\$78,750.00	26.80	\$4,690.00	347.80	\$41,388.20
3	12" PVC Water Main, Slurry B.F., Rest.	545	LF	\$175.00	\$95,375.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	557.10	\$97,492.50
4	16" D.I. Water Main, Grac. B.F., Asphalt Rest.	75	LF	\$220.00	\$16,500.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	72.00	\$15,840.00
5	16" D.I. Water Main, Grac. B.F., Turf Rest.	972	LF	\$190.00	\$184,880.00	670.00	\$127,300.00	203.00	\$38,084.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	901.00	\$182,704.00
6	16" D.I. Water Main, Slurry B.F., Rest.	55	LF	\$215.00	\$11,825.00	0	\$0.00	0	\$0.00	0	\$0.00	38.00	\$8,170.00	0	\$0.00	0	\$0.00	0	\$0.00	38.00	\$8,170.00
7	16" Battery Valve	2	EA	\$5,100.00	\$10,200.00	1	\$5,100.00	1	\$5,100.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	2	\$10,200.00
8	12" Gate Valve	6	EA	\$2,600.00	\$15,600.00	1	\$2,600.00	1	\$2,600.00	1	\$2,600.00	1	\$2,600.00	0	\$0.00	3	\$7,800.00	0	\$0.00	6	\$15,600.00
9	Hydrant Assembly	8	EA	\$2,200.00	\$17,600.00	0	\$0.00	3	\$6,600.00	1	\$2,200.00	1	\$2,200.00	2	\$4,400.00	1	\$2,200.00	0	\$0.00	8	\$17,600.00
10	Connect to Existing 12" Water Main	7	EA	\$6,000.00	\$42,000.00	1	\$6,000.00	0	\$0.00	0	\$0.00	1	\$6,000.00	0	\$0.00	5	\$30,000.00	0	\$0.00	7	\$42,000.00
11	Connect to Existing 16" Water Main	6	EA	\$7,300.00	\$43,800.00	0	\$0.00	1	\$7,300.00	3	\$21,900.00	2	\$14,600.00	0	\$0.00	0	\$0.00	0	\$0.00	6	\$43,800.00
12	Connect to Existing 20" Water Main	1	EA	\$12,400.00	\$12,400.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$12,400.00	0	\$0.00	1	\$12,400.00
13	Temporary Hydrant Extensions	13	VF	\$580.00	\$7,540.00	3	\$2,000.00	1	\$980.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	11	\$6,360.00
14	Hydrant Extensions	37	VF	\$480.00	\$17,760.00	1	\$480.00	1	\$720.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	26	\$13,680.00	38	\$18,720.00
15	1"-1/4" HDPE Water Service	1	EA	\$4,300.00	\$4,300.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$4,300.00	0	\$0.00	1	\$4,300.00
16	8" PVC Water Service	1	EA	\$7,500.00	\$7,500.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$7,500.00	0	\$0.00	1	\$7,500.00
17	8" PVC Water Service	1	EA	\$8,200.00	\$8,200.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00
18	Hydrant Alteration - Rouse Existing Hydrant	10	EA	\$6,300.00	\$63,000.00	11	\$69,300.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$6,300.00	0	\$0.00	0	\$0.00	12	\$75,600.00
19	Hydrant Alteration - Furnish and Install New Hydrant	5	EA	\$8,950.00	\$44,750.00	3	\$29,850.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$8,950.00	0	\$0.00	4	\$38,800.00
20	Hydrant Relocation - Rouse Existing Hydrant	3	EA	\$9,500.00	\$28,500.00	1	\$14,250.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$14,250.00	0	\$0.00	3	\$28,500.00
21	Hydrant Relocation - Furnish and Install New Hydrant	5	EA	\$10,600.00	\$54,750.00	3	\$34,325.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	4	\$43,800.00
22	Hydrant Abandonment	8	EA	\$1,500.00	\$12,000.00	0	\$0.00	3	\$4,500.00	1	\$1,500.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	8	\$12,000.00
23	Abandoning Sanitary Force Main Manholes	3	EA	\$1,000.00	\$3,000.00	0	\$0.00	0	\$0.00	3	\$3,000.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	3	\$3,000.00
24	Erection Control	1	LS	\$200.00	\$200.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$200.00
25	Traffic Control	1	LS	\$300.00	\$300.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$300.00
E-1	Utility Conflict	1	LS	\$15,000.00	\$15,000.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$15,000.00
E-2	Alignment Conflict	1	LS	\$2,500.00	\$2,500.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$2,500.00
E-3	Contaminated Soil Handling and Disposal	1	LS	\$29,013.64	\$29,013.64	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$29,013.64
E-4	Castile Iron Pipe	1	LS	\$33,852.00	\$33,852.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$0.00	1	\$33,852.00
TOTAL (Items 1-25)					\$198,397.00	\$195,100.00	\$191,433.00	\$49,107.00	\$89,703.00	\$142,070.00	\$75,921.04	\$817,888.84									

Total Completed To Date: \$817,888.84
 Allowance for Testing and Approval (0% of Total Completed to Date): \$0.00
 Subtotal 1 (Total Complete minus Allowance for Testing and Approval): \$817,888.84
 Retainage (5% of Subtotal 1 up to a Maximum of \$19,347.45): \$0.00
 Subtotal 2 (Subtotal 1 Less Retainage): \$817,888.84
 Less Previous Payments: -\$719,606.30
TOTAL PAYMENT DUE THIS PERIOD: \$98,282.54

Contractor Final Payment Approval by:  Date: 3/4/16

Recommended for Commission Approval by: _____ Date: _____

PLANT OPERATIONS

February, 2016

PUMPAGE REPORT	2016 (pumpage in gallons)	2015 (pumpage in gallons)	Percentage of Change
Monthly pumpage	193,967,000	195,546,000	-0.8
Monthly average day	6,689,000	6,983,000	-4.2
Monthly peak day	(2/21/16) 7,790,000	(2/9/15) 8,190,000	-4.9
Yearly pumpage	404,220,000	406,719,000	-0.6
Yearly average day	6,737,000	6,894,000	-2.3
Yearly peak day	(1/13/16) 7,890,000	(1/19/15) 8,430,000	-6.4
West zone pumpage	88,720,000	88,490,000	+0.3

WATER QUALITY REPORT	Raw Water	Finished Water
Average free chlorine		1.52 mg/l
Total chlorine		1.71 mg/l
Average alkalinity	111.9 mg/l	112.7 mg/l
Average pH	8.3	8.1
Average fluoride	0.10 mg/l	0.71 mg/l
Average turbidity	7.02 N.T.U.	0.04 N.T.U.
Average temperature	35.0°F	
Hardness	137 mg/l	137 mg/l

Preventative Maintenance Tasks: Staff completed 129 preventative maintenance tasks, 2 miscellaneous work orders, and 2 safety sessions during the month.

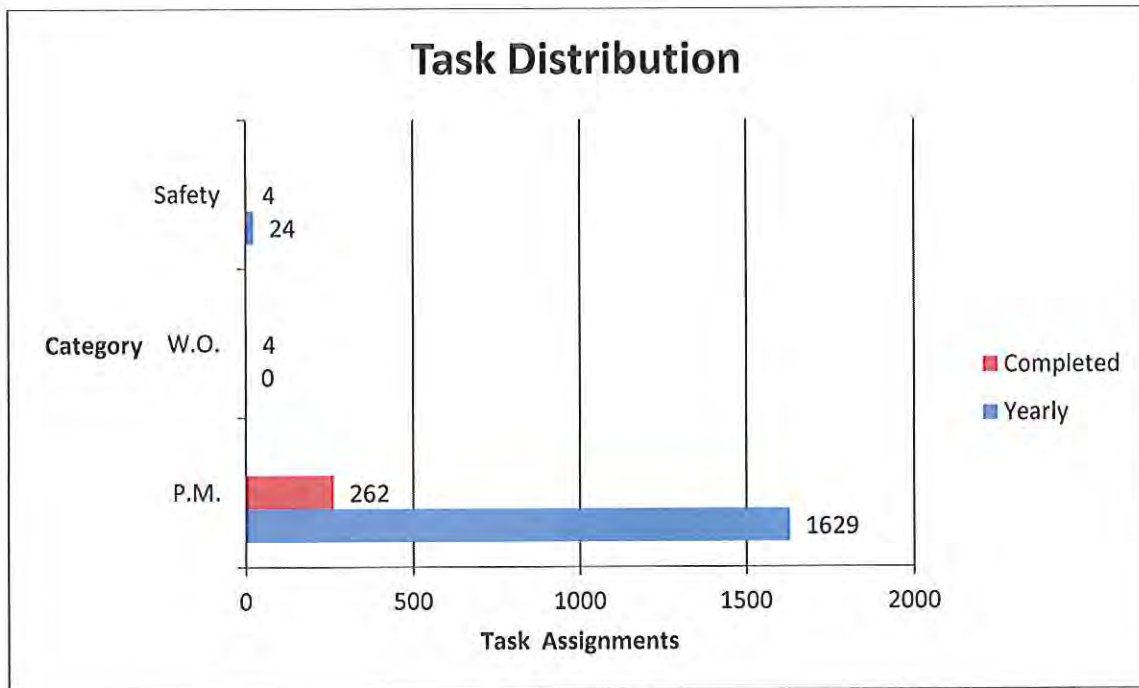
Electrical Equipment Maintenance: Electrical Energy Experts were on site the week of 2-1 to complete preventative maintenance on electrical equipment at the treatment plant and raw water pump station. The main transformers and 2.4kV breakers were serviced at the treatment plant. At the raw water pump station the switches, transformers, incoming mains and tie were serviced, as well as, the Motor Control Centers. Techs found a hot spot in a fused switch located between one of the mains located at the plant and a transformer located at the raw water pump station. Investigation revealed that the lightening arresters were damaged. Staff is awaiting a repair proposal.

Pre-bid Meeting: Plant Manager Francis attended the CT Tank Project pre-bid meeting on 2-11. The treatment plant grounds were accessible to the contractors after the pre-bid meeting.

Golden Anderson Rebuild: Operators Messerschmidt and Muschinski rebuilt the Golden Anderson Valve for Highlift pump #2.

Coagulant Control Center: Operator White replaced all of the two-way and three-way valves on the coagulant control center. The CCC is used to determine the correct coagulant dosage.

Reduced Pressure Backflow Preventer: Butters-Fetting was on site the week of 2-22 to relocate the RPBP to floor level. This project was part of the 2016 CIP.



DISTRIBUTION & COLLECTION OPERATIONS

February 2016

Water Main Break:

On February 15th the Utility repaired a water leak at 8471 South Verdev Drive on a 1960 6" CIP water main that had a circumferential break.

Water Lateral Repairs:

On February 22nd a crew was sent to repair a 1" copper water lateral that was leaking at 8520 South Woodvale Drive. When the crew excavated the water lateral, they found that the flare at the curb stop on the home side was leaking.

On February 29th a crew was sent to repair a ¾" copper water lateral that was leaking at 305 East Parkway Estates Drive. When the crew excavated the water lateral, they found that the flare at the curb stop on the home side was leaking.

Fire Hydrant Repairs:

On February 5th a crew was sent to 10110 South Barrington Drive to repair a fire hydrant. The o-rings in the dome needed replacing.

On February 8th a crew was sent to repair a fire hydrant across from 8344 South Howell Avenue that was hit by a car. A police report was received, and the driver was billed for damages.

In February a crew worked on replacing corroded bolts in 81 hydrants planned for painting this year.

Miscellaneous:

On February 2 and 3 Distribution Manager Schwartz attended the WIAWWA Distribution Expo in the Wisconsin Dells.

On February 2 Utility Service Workers Price, Struebing, Allard, and Flatow attended the WIAWWA Expo in the Wisconsin Dells. Allard and Flatow also competed in Hydrant Hysteria while at the Expo.

On February 3 Utility Service Workers Volbrecht, Pier, and Maughan attended the WIAWWA Expo in the Wisconsin Dells.

On February 8 and 22 Distribution Manager Schwartz participated in a Web-Ex in rewriting of the PSC 185. The topic was Water Loss/Water Efficiency.

On February 10 and 11 Distribution Manager and Senior Utility Service Worker Allard attended a pilot M36 training program in Cudahy.

On February 17 - 19 Utility Service Workers Volbrecht and Pier attended water and wastewater conference and trade show in Indianapolis.

ADMINISTRATIVE OPERATIONS

February 2016

Year End:

Accounting Supervisor Stenzel and staff are working on closing out the financial records for the year 2015. This process involves reconciling several accounts and preparing workpapers to facilitate the year-end audit. Staff, from all departments, helps with closing out projects and conducting inventories. The financial audit is scheduled for March 21 and 22.

PSC Group Meeting:

The PSC drafted a significant revision to its Chapter 185 "Standards for Water Public Utility Service" rules. The Municipal Environmental Group (MEG) has taken on the challenge of analyzing the revisions to ensure the water industry is satisfied and will suggest further revisions as needed. As part of this process, MEG has reached out to municipalities and utilities around the state to organize work groups, based on interests and expertise, who can concentrate on individual sections of this re-write. Accounting Supervisor Stenzel participated in a work group meeting on February 10 to begin reviewing the General Provisions/Recordkeeping section.

Workload:

Other administrative tasks included the following:

1. Added 4 customer accounts.
2. Billed 3,247 water customers and 3,371 sewer customers.

Gallons Billed (in thousands):

	YTD 2016	YTD 2015	YTD 2014	YTD 2013	YTD 2012	Average
Residential	40,885	41,986	42,634	43,611	44,087	42,641
Commercial	64,879	65,604	65,012	63,524	64,234	64,651
Industrial	57,400	64,407	71,780	65,427	54,024	62,608
Public Authority	2,734	3,531	2,718	3,230	3,264	3,095
Wholesale	206,247	228,947	225,649	217,578	227,811	221,246
Total	372,145	404,475	407,793	393,370	393,420	394,241
% Incr (Decr)	-8.0%	-0.8%	3.7%	0.0%		

New Customers:

	YTD 2016	YTD 2015	YTD 2014	YTD 2013	YTD 2012	Average
Residential	6	5	6	6	6	5.8
Commercial	0	1	1	0	1	0.6
Industrial	0	1	0	0	0	0.2
Public Authority	0	0	0	0	0	-
Wholesale	0	0	0	0	0	-
Total	6	7	7	6	7	7
% Incr (Decr)	-14.3%	0.0%	16.7%	-14.3%		

ENGINEERING OPERATIONS

February 2016

5th Avenue Water Main Extension

Bids for this project were opened on February 19, 2016. Out of ten bidders, American Sewer Services, Inc. was the low bidder with a proposal amount of \$117,830. The project is slated to begin in late March and be complete by late April in order to facilitate construction of the 5th Avenue road/paving project.

CT Tank Compliance Project/2016 Water Treatment Plant Improvement Project

The plans and specifications for this project are complete and out to bid via QuestCDN. The project is currently set for a March 4, 2016 bid opening. Utility Engineer Pritzlaff expects that the PSC will provide its ruling on the project at or near March 3, 2016.

The Public Service Commission of Wisconsin (PSC) held a public hearing on February 16, 2016 at 4:00pm at the Oak Creek Public Library. Representatives from the PSC, City of Franklin, City of Oak Creek, and the Oak Creek Water and Sewer Utility were all in attendance along with approximately 100 concerned citizens.

The public hearing notice the PSC sent included a stipulation that there would be a 33% rate increase associated with the project. Under direction from the PSC Administrative Law Judge, the Utility was not allowed to provide supplemental materials refuting the assertion by the PSC. It is in the record that the Oak Creek Water and Sewer Utility will not seek a rate increase for the project because of the sound financial planning done in years prior and based on cash accounting principles. This topic was thoroughly vetted at the public hearing through a presentation by General Manager Sullivan and members of the general public.

Utility Engineer Pritzlaff submitted the Intermediate Remedial Action Plan (IRAP) to representatives from the Remediation and Redevelopment branch of the WDNR. The IRAP has provided for additional testing during construction to determine the extent of PCB's on the site. Engineering expects that the WDNR will approve the IRAP by mid-March.

15th Avenue Water Main Extension Project

The Commission approved this project at its February 9, 2016 Commission meeting. The project includes extending approximately 1,100' of 12" PVC water main in 15th Avenue from East Woodview Avenue to approximately 1,100' north of East Woodview Avenue. This project will also include special assessments for 14 properties along the corridor. Utility Engineer Pritzlaff has drafted the preliminary special assessment resolution. This item will be heard by the Oak Creek Common Council at their regular meeting on March 15, 2016.

South 5th Avenue Water Main Extension Contract Award

Project Nos.: 16103

Date: March 8, 2016

RECOMMENDATION: That the Commission consider a motion to approve the 5th Avenue Water Main Extension project and award a construction contract to the lowest responsive, responsible bidder, American Sewer Services, Inc. based on the bid amount of \$117,830.00.

This project includes extending approximately 500' of 12" water main ahead of the WisDOT 5th Avenue Extension project. These extensions will facilitate future utility work and minimize disturbance to newly paved areas. For this project, the Utility will be using a new type of water main pipe called BIONAX. This PVC pipe is thinner walled and manufactured such that the molecules in the plastic align in a grid type pattern. This results in a pipe material that exhibits strength characteristics that are the same or better than classic C900 PVC pipe at the same cost. This type of pipe does not catastrophically fail like traditional PVC C900 pipe. Because of the alignment of the molecules in the plastic, it tends to have smaller circular failures resulting in less water loss and easier maintenance. The project will be funded from the 2016 CIP.

The work was advertised, and the following bids were received:

Contractor	Bid Amount
American Sewer Services, Inc.	\$117,830.00
Willkomm Excavating & Grading, Inc.	\$118,905.00
MJ Construction, Inc.	\$121,455.00
DF Tomasini, Inc.	\$124,755.00
Wanasek Corp.	\$124,755.00
Advance Construction, Inc.	\$139,155.00
Genesis Excavators, Inc.	\$141,981.00
UPI LLC	\$141,832.00
Mid City Plumbing and Heating	\$149,080.00
Bradford Contractors	\$149,896.00

The capital budget for this project is \$145,000.

Headquarters Gate Opener Replacement

The following are quotes for replacement for the two gate openers at 170 West Drexel Avenue.

COMPANY	BID
Century Fence:	\$10,983.00
Northway Fence:	\$10,600.00
Munson, Inc.:	\$10,489.00

Recommended Bid: Munson, Inc. \$10,489.00

2016 CIP Budget: 12,500.00

2016 HYDRANT PAINTING BIDS

In the CIP budget it was proposed to contract out hydrant painting for approximately 300 hydrants in 2016. The roads scheduled to have hydrants painted on are: Howell Avenue, Ryan Road, Rawson Avenue, Drexel Avenue, South 27th Street and 13th Street.

Safety is the primary concern for starting this program as the main roads experience heavier traffic numbers, and the Utility hires summer help to complete this task.

Two firms were contacted to complete this work; however, only Davies Services of Appleton, Wisconsin returned a bid which included references. Germantown and Burlington Water Departments were contacted and both highly recommend Davies Services.

Davies Services Bid:

Sandblast prime and top coat and color code bonnets on hydrants.

One coat of Devran 224 HS epoxy primer 3-5 mils.

One coat of Devoe 379 UVA urethane 3-5 mils.

Cost \$ 100.00

Option 1: one extra coat of zinc primer at 3-5 mils.

Cost \$ 25.00

300 hydrants \$37,000.00

CIP Budget \$37,500.00

DAVIES SERVICES

A division of



3/2/16

Oak Creek
Attn: Doug Schwartz
Re: Hydrant Paint

Dear Doug,

Below is the information you requested. If you need any further information feel free to contact me.

Sandblast Prime and top coat and color code bonnets on Hydrants.

One coat of Devran 224 HS epoxy primer 3-5 mils.

One coat of Devoe 379 UVA urethane 3-5 mils.

Cost

100.00 each

One extra of zink Primer @ 3-5 mils can be added on arterial roads for extra protection

Cost for zink primer

25.00 each

Best regards,
John Paalman
920-740-3131