



# City of Appleton

100 North Appleton Street  
Appleton, WI 54911-4799  
[www.appleton.org](http://www.appleton.org)

## Meeting Agenda - Final Utilities Committee

---

Tuesday, April 10, 2018

5:00 PM

Council Chambers, 6th Floor

---

1. Call meeting to order

2. Roll call of membership

3. Approval of minutes from previous meeting

[18-0475](#) Approval of the March 27, 2018 Utilities Committee Meeting Minutes.

**Attachments:** [March 27, 2018 Utilities Committee Meeting Minutes.pdf](#)

4. **Public Hearings/Apearances**

5. **Action Items**

[18-0476](#) Award Unit F-18, Sewer Cleaning & Televising to Green Bay Pipe & TV, LLC in an amount not to exceed \$247,500.

**Attachments:** [Unit F-18.pdf](#)

[18-0495](#) Request to sole source contract to Patrick Engineering for a contract fee of \$130,000 and a contingency of 10% for professional services needed to complete the Wastewater Electrical Distribution Upgrades Phase 2 for a contract not to exceed \$143,000.

**Attachments:** [2018 Electrical Distribution System Upgrades Design PH 2.pdf](#)

6. **Information Items**

[18-0478](#) Anaerobic Digester Seed Sludge to New Water - Project Completion

[18-0477](#) 2018 Water Treatment Facility Power Generation Test

**Attachments:** [2018 WPPI Test and Payment.pdf](#)

[18-0492](#) Lead Service Update

## 7. Adjournment

*Notice is hereby given that a quorum of the Common Council may be present during this meeting, although no Council action will be taken.*

*Reasonable Accommodations for Persons with Disabilities will be made upon Request and if Feasible.*

*For questions on the agenda, contact Chris Shaw at 920-832-5945 or Paula Vandehey at 920-832-6474.*



# City of Appleton

100 North Appleton Street  
Appleton, WI 54911-4799  
[www.appleton.org](http://www.appleton.org)

## Meeting Minutes Utilities Committee

---

Tuesday, March 27, 2018

5:00 PM

Council Chambers, 6th Floor

---

1. Call meeting to order

*Chairperson Dannecker called the Utilities Committee meeting to order at 5:00 p.m.*

2. Roll call of membership

**Present:** 5 - Dannecker, Baranowski, Meltzer, Reed and Dvorachek

3. Approval of minutes from previous meeting

[18-0418](#)

Approval of the March 13, 2018 Utilities Committee Meeting Minutes.

**Attachments:** [March 13, 2018 Utilities Committee Meeting Minutes.pdf](#)

Baranowski moved, seconded by Reed, that the Minutes be approved. Roll Call. Motion carried by the following vote:

**Aye:** 5 - Dannecker, Baranowski, Meltzer, Reed and Dvorachek

4. Public Hearings/Appearances

5. Action Items

[18-0422](#)

Approve Stormwater Management Alternative 1 for the urbanization of Evergreen Drive and Alvin Street.

**Attachments:** [Evergreen Alvin Select Alternative UC memo.pdf](#)  
[Evergreen Alvin Alts 1.pdf](#)

Baranowski moved, seconded by Meltzer, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

**Aye:** 5 - Dannecker, Baranowski, Meltzer, Reed and Dvorachek

[18-0423](#)

Sole Source Purchase of Flight Scrapers to Evoqua Water Technologies for a cost of \$35,100.

**Attachments:** [utilities memo - DAF Flights 03-19-18.pdf](#)

Baranowski moved, seconded by Reed, that the Report Action Item be recommended for approval. Roll Call. Motion carried by the following vote:

**Aye:** 5 - Dannecker, Baranowski, Meltzer, Reed and Dvorachek

## 6. Information Items

[18-0420](#)

One and Two Family Stormwater Credit Summary

**Attachments:** [Stormwater Credit Summary.pdf](#)

*This item was presented.*

[18-0421](#)

Monthly Reports for February 2018:

- Water Distribution and Meter Team Monthly Report

**Attachments:** [Water Meter Team Reports February.pdf](#)

*This item was presented.*

## 7. Adjournment

**Baranowski moved, seconded by Dannecker, that the Utilities Committee Meeting be adjourned at 5:10 p.m. Roll Call. Motion carried by the following vote:**

**Aye:** 5 - Dannecker, Baranowski, Meltzer, Reed and Dvorachek

**CITY OF APPLETON**  
**Department of Public Works**  
**MEMORANDUM**

**TO:** ☐ Finance Committee  
☐ Municipal Services Committee  
☒ Utilities Committee

**cc:** City Clerk  
Contract File

**SUBJECT:** Anticipated Award and/or Award of Contract

**ANTICIPATED AWARD**

The Department of Public Works is planning to award \_\_\_\_\_

Committee Date: \_\_\_\_\_

Council Date: \_\_\_\_\_

\*\*\*\*\* AND / OR \*\*\*\*\*

**AWARD OF CONTRACT**

The Department of Public Works recommends that \_\_\_\_\_ F-18, Sanitary and Storm Sewer  
Cleaning & Televising \_\_\_\_\_

Be awarded to: Name: Green Bay Pipe & TV, LLC

Address: 1100 Columbia Avenue

Green Bay, WI 54303

In the amount of \_\_\_\_\_ with a contingency of \_\_\_\_\_

**\*\* OR \*\*** in the amount Not To Exceed \$247,500.00

Budget: \$247,500.00

Estimate: \$250,000.00

Committee Date: 4/10/18

Council Date: 4/18/18

## CITY OF APPLETON

TO: Finance Department

FROM: Chad Weyenberg

DATE: 04/03/18

SUBJECT: Funding for Contract:

F-18

## Sanitary & Storm Sewer Cleaning and Televising

Unit No.

Description

AWARD DATE: 4/18/18 (Council Date)

AWARD TO: Green Bay Pipe & TV, LLC

1100 Columbia Avenue

Green Bay, WI 54303

Funding for the project will be as follows:

Item No.	Account No.	Account Description	Contract Amount	Contingency	Total
1.	5427.6404.3213	Sanitary	\$160,000.00	None	\$160,000.00
2.	5222.6404.3037	Storm	\$87,500.00	None	\$87,500.00
3.					
4.					
5.					
6.					
7.					
8.					
		<b>TOTAL</b>	<b>\$247,500.00</b>		<b>\$247,500.00</b>

Public Works

Finance Department

cc: Project File

# SANITARY & STORM SEWER CLEANING & TELEVISING

Unit F-18

April 2, 2018

## BID TABULATION

ITEM	DESCRIPTION	Quantity	Units	Green Bay Pipe & TV, LLC		Northern Pipe, Inc		Speedy Clean Drain & Sewer		Diversified Infrastructure	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1.	Sanitary Sewer Cleaning	225,000	lin. ft.	\$0.32	\$72,000.00	\$0.40	\$90,000.00	\$0.70	\$157,500.00	\$0.90	\$202,500.00
2.	Sanitary Sewer Televising	225,000	lin. ft.	\$0.31	\$69,750.00	\$0.38	\$85,500.00	\$0.60	\$135,000.00	\$0.75	\$168,750.00
3.	Storm Sewer Cleaning	115,000	lin. ft.	\$0.32	\$36,800.00	\$0.45	\$51,750.00	\$0.70	\$80,500.00	\$0.90	\$103,500.00
4.	Storm Sewer Televising	115,000	lin. ft.	\$0.32	\$36,800.00	\$0.38	\$43,700.00	\$0.60	\$69,000.00	\$0.75	\$86,250.00
5.	6" Sanitary or Storm Sewer Cleaning	1,000	lin. ft.	\$0.35	\$350.00	\$0.42	\$420.00	\$0.70	\$700.00	\$0.90	\$900.00
6.	6" Sanitary or Storm Sewer Televising	1,000	lin. ft.	\$0.35	\$350.00	\$0.42	\$420.00	\$0.60	\$600.00	\$0.75	\$750.00
7.	Lateral Televising (Storm or Sanitary)	60	each	\$125.00	\$7,500.00	\$175.00	\$10,500.00	\$98.00	\$5,880.00	\$195.00	\$11,700.00
8.	Stormceptor Cleaning & Inspection	1	each	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$2,440.00	\$2,440.00	\$3,625.00	\$3,625.00
				\$224,550.00		\$283,290.00		\$451,620.00		\$577,975.00	



*"...meeting community needs...enhancing quality of life."*

---

**PARKS, RECREATION & FACILITIES  
MANAGEMENT**

**Dean R. Gazza, Director**

1819 East Witzke Boulevard

Appleton, Wisconsin 54911-8401

(920) 832-5572 FAX (920) 993-3103

Email - [dean.gazza@appleton.org](mailto:dean.gazza@appleton.org)

**To:** Utilities Committee

**From:** Dean R. Gazza, Director of Parks, Recreation and Facilities Management

**Date:** April 10, 2018

**Re:** Action: Request to sole source contract to Patrick Engineering for a contract fee of \$130,000 and a contingency of 10% for professional services needed to complete the Wastewater Electrical Distribution Upgrades Phase 2 for a contract not to exceed \$143,000.

---

This memo is a request to sole source a contract to Patrick Engineering to fully design and create construction documents for the Wastewater Electrical Distribution Upgrades Phase 2 project. In moving forward with Phase 2 of the Electrical Distribution Project Patrick Engineering provided a detailed proposal of the work that is proposed with a competitive project fee of \$130,000 which equates to a project fee of just 7.6%. The Phase 1 project fee was 7.7%, which remains competitive.

The 2018 Capital Improvement budget allocated monies to perform engineering services for the Wastewater Plant Electrical Distribution Phase 2 Engineering. This will be the second construction phase of a multi-phase project to upgrade the aging electrical distribution equipment. Most of the equipment is over 40 years old and is at the end of its estimated and useful life.

In 2016 we solicited proposals from professional consulting firms to create an electrical distribution system feasibility analysis and master plan for the Wastewater Treatment Plant. Through the selection process, Patrick Engineering was awarded the contract. Then again in 2017 we solicited proposals from professional consulting firms to fully design, create construction documents, and construction administration services. Through the selection process, Patrick Engineering was awarded the contract.

Patrick Engineering has as unsurpassed knowledge of the current electrical system from the two previous projects and the design work completed to date. Based upon Patrick Engineering's previous experience along with the proposals and selection process from the two previous years, we are requesting sole sourcing Wastewater Electrical Distribution Upgrades Phase 2 professional services to Patrick Engineering in the amount of \$130,000 with a contingency of 10% only to be utilized as needed. We believe that our choice of Patrick Engineering will ensure that the investment is fully maximized based on their past work and continued continuity throughout a highly complex and technical project.

Please feel free to contact me at 832-5572 with any questions, or by email at [dean.gazza@appleton.org](mailto:dean.gazza@appleton.org).



*"...meeting community needs...enhancing quality of life."*

Department of Utilities  
Water Treatment Facility  
2281 Manitowoc Road  
Menasha, Wisconsin 54952 – 8924  
920 – 997 – 4200 tel  
920 – 997 – 3240 fax

**TO:** Chairperson Greg Dannecker and Members of the Utilities Committee  
**FROM:** Chris Stempa, Utilities Deputy Director  
**DATE:** March 28, 2018  
**RE:** *2018 Water Treatment Facility Power Generation Test*

The Appleton Water Treatment Facility (AWTF) has completed an annual electrical test for WPPI Energy. The test occurred on March 14, 2018 after the water plant was dispatched by WPPI Energy to provide power under the existing contract for capacity agreement. The water plant successfully provided 3.594 megawatts of power for the two hour test.

Power production data from this test is used in calculating capacity credits and deriving the monthly payments from WPPI Energy over the next 12 months. The payments for capacity are based on two types of credits. The first credit is based on the previous month's peak demand and the annual test capacity results in kilowatts. The second credit is for generated power produced in excess of the previous month demand.

Below is an example of how to apply the most recent generator tested capacity of 3,594 kW to the February 2018 AWTF peak usage of 814 kW. The current WPPI contract formula pays a capacity demand credit of \$4.00 per kW and \$1.50 per kW credit for available emergency stand-by generator power (if called upon) in excess of the peak demand.

**WPPI Fee Variables**

Annual Tested Generator Capacity	3,594 kW
February Peak Demand	814 kW

Power Produced in Excess of Demand = 2,780 kW

**WPPI Fee Constants under Existing Capacity Agreement**

Capacity Credit Demand	\$4.00/kW
Capacity Credit for Excess Demand	\$1.50/kW

Capacity Credit for Demand = 814 kW x \$4.00/kW = \$3,256

Capacity Credit for Excess Demand = 2,780 kW x \$1.50/kW = \$4,170

Total Monthly Capacity Credit = \$7,426

In the case of the above example a \$7,426 total credit is paid to the city for having the electrical generation potential available. The total annual returns to the AWTF in 2017 as part of the program contract with WPPI Energy yielded \$93,574.

If you have any questions regarding the test please contact me.