



# Board of Public Works

## Regular Meeting

335 South Broadway  
De Pere, WI 54115  
<http://www.de-pere.org>

### Agenda

**Monday, April 8, 2019**

**7:30 PM**

**De Pere City Hall Council Chambers**

Pursuant to Wisconsin Statutes 19.84, Notice is hereby given to the public that a meeting of the **Board of Public Works** of the City of De Pere will be held on **April 8, 2019** at **7:30 PM** in the **De Pere City Hall Council Chambers, 335 S. Broadway Street, De Pere, WI 54115.**

*This meeting can be viewed LIVE at [www.depere.tv](http://www.depere.tv). This meeting is also rebroadcast on TW Cable Channel 4 and AT&T U-verse Channel 99 throughout the week and available on demand at [www.depere.tv](http://www.depere.tv).*

#### I. Call to Order

1. Roll Call
2. Approval of BOPW March 11, 2019 Meeting Minutes.
3. Public Hearing to Levy Special Assessments
  - i. Notice of Public Hearing
  - ii. Recommendation from the Board of Public Works
  - iii. Final Resolution Authorizing Levying Special Assessments
    1. Consider Resolution #19-01, Final Resolution Authorizing Levying Special Assessments for Storm Sewer Main and/or Laterals\*

#### II. Public Comment

#### III. Items

1. Consider Preliminary Resolution for Special Assessment for Sanitary Sewer System, Parkview Road from Ashwaubenon Creek to Ashland Avenue\*
2. Approval of City Engineer Parking and Traffic Recommendations.\*
3. Discuss City Engineer Recommendations on No-Action Parking and Traffic Discussion Items.
4. Consider Heavy Truck Route Revisions Exempting City Vehicles\*
5. Discuss Tree Replacement Policy for Street Construction Projects
6. Consider WPS Proposal to Bury Ryan Road Electric.\*
7. Consider Matthew Tower Cleaning & Coating Repair Contract\*
8. Consider Reservoir Inspection Contract\*
9. Consider Tower Inspection Contract\*
10. Consider Leak Detection Survey\*
11. Consider Quote for 2019 Traffic Signal Study.\*
12. Consider Award of Contract 19-18 Prosper Street and Enterprise Drive Reconstruction and Utility Relay\*

## IV. Future Agenda Items

## V. Adjournment

**\*Items with an asterisk require City Council approval.**

Any person wishing to attend this meeting who, because of disability, requires special accommodations should contact the Clerk-Treasurer's office at 339-4050 by Noon, Monday April 8, 2019 so that arrangements can be made.

Agenda Sent To:  
Mayor  
Alderspersons  
Department Heads  
TV, Newspapers & Radio Stations  
Kress Family Library  
De Pere Chamber of Commerce  
Water Tower Cleaning & Coating,  
Inc.

Utility Service Associates  
JT Engineering  
Vinton Construction  
Brian L & Jennifer L Compton  
Ephraim D & Jane A Liefke  
Jules L & Beverly C Vangheem  
Judith A Christensen  
Patrick S & Amy S Knuth  
Richard O & Amy J Cassidy  
Keith D Dahlke  
Shane L Smith  
Brenda L Eisenmann  
Raymond Colazo  
Robert L Ross  
John H & Cholticha C Linzmeyer  
Lisa Pfluger  
Karen Hoff  
Darryll L & Sharon L Hillmann  
Andrew J Baumann  
Patrick M & Siena H Thornton  
Douglas H & Phyllis I Boettcher  
William H & Jennifer M Puerzer Jr.

Karvin M Leffel  
Matthew W Gonwa  
Michael Coppens  
Chad J & Rachael A Nichols  
Lynda A Heuvelmans  
Suzanne M Gerrits  
Martha E Contreras

Michelle L Pagel  
Chevalier Joint Revocable Trust  
Scott E & Rene A Glinski  
Matthew & Amanda Shaver  
Brian J Stoller

Shelly L Hendricks  
Anita L Larson  
Scott M & Ashley Lyman  
J Michael & Christina Fitzgerald  
Timothy J & Kasey L Berceau  
Amanda Fruzen  
Donald J & Mary Jane Van Remortel  
Randy P Maurer

Mary J Krautkramer  
Randy L & Susan I Pallex  
Joseph P Turner  
James E McGarity  
Judith L Torphy  
Brian T & Megan M Reimer  
Alvin J & Sandra A Schroeder  
Jeffrey J & Nicolette M Buboltz  
Steven M Watermolen  
Turner Real Estate LLC  
James V Fanlon  
De Pere Housing Authority  
Bradley J Bishop & Kerri S La Plant  
Paul W Wolf  
Bertha J Peterson  
Brent S Meyer  
Thomas P Lohff & Celest J Nasgovitz  
John M Guthu & Cathy A Arndt  
Joseph J Degreef  
Steven M & Diane M McDonough  
Jason J & Amy J Reiss  
Riedi James G & Linda M Revocable  
Trust  
Elizabeth Hermesen  
Gary G & Rosemary Hendricks  
Shari Ane VanStraten  
Kyle E Kudick  
Kenneth G Gajeski  
Steven K & Kathleen M Feldhausen  
Catherine J Dunn Guyette & Joseph P  
Guyette  
Gary E & Kim M Giese  
Raymond J & Kathleen A Kiley  
Crystal Pranke  
Anthony C Kozlovsky  
Thomas S & Michelle M Bohm



Roy F & Theresa A Fruzen  
James E & Barbara J Brooks  
Kenneth J & Janet M Brosig  
Matthew J Daanen  
Robert J & Barbara E Peeters Jr.  
Thomas H Bonfigt  
Ronald J Secor

Erin Heitpas  
Paul LaLuzerne  
Scott A & Laura L Vanryzin  
Union Hotel Corp

Holly A Ross Bairl  
Patricia M Johnson  
Tim & Laurel Bossard  
Wayne R & Debbie A Trinkner  
Michael T Anderson  
Kevin M & Cynthia S Clarksen  
Robert R Rupp Kilgore & Dayna J Rupp  
Kilgore  
Michael Aschenbrenner  
Ric A & Mary Jo Trout  
St Norbert College Inc  
VHC, Inc.

Notice is hereby given that a majority of the members of the Common Council of the City of De Pere may attend this meeting to gather information about a subject (s) over which they have decision-making responsibility.



City of De Pere, Wisconsin

**Request For Board of Public Works Action**

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**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Engineering

**FROM:** Betty Sellenheim

**SUBJECT:** Approval of BOPW March 11, 2019 Meeting Minutes.

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**ATTACHMENTS:**

- Draft Minutes 3-11-19 (PDF)



# Board of Public Works

## Regular Meeting

335 South Broadway  
De Pere, WI 54115  
<http://www.de-pere.org>

### Draft Minutes

Monday, March 11, 2019

7:30 PM

De Pere City Hall Council Chambers

#### I. Call to Order

The meeting was called to order at 7:30 PM by Mayor Michael J. Walsh

| Attendee Name    | Title        | Status  | Arrived |
|------------------|--------------|---------|---------|
| James Boyd       | Aldersperson | Present |         |
| Dan Carpenter    | Aldersperson | Present |         |
| Jonathon Hansen  | Aldersperson | Present |         |
| Dean Raasch      | Aldersperson | Present |         |
| Michael J. Walsh | Mayor        | Present |         |

Others present Scott Thoresen, Director of Public Works, Eric Rakers, City Engineer.

#### 2. Approval of BOPW February 11, 2019 Meeting Minutes

**Aldersperson Carpenter moved to approve the February 11, 2019 Board of Public Works meeting minutes, seconded by Mayor Walsh.**

Discussion followed.

Aldersperson Hansen requested a correction in item #6, stating that the comments from Aldersperson Raasch should reflect the city should “not” plant additional trees if the pruning of existing trees are years behind.

Mayor Walsh requested a correction in the spelling of his last name.

**Upon vote, the motion passed unanimously with the stated corrections.**

|                  |                                        |
|------------------|----------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>             |
| <b>MOVER:</b>    | Dan Carpenter, Aldersperson            |
| <b>SECONDER:</b> | Michael J. Walsh, Mayor                |
| <b>AYES:</b>     | Boyd, Carpenter, Hansen, Raasch, Walsh |

#### II. Public Comment

**Aldersperson Carpenter moved to open the meeting to public comment at 7:36 pm, seconded by Aldersperson Raasch. Upon vote, the motion passed unanimously.**

Tim Bossard questioned replanting trees that are taken out due to disease.

**Mayor Walsh moved to return to regular order at 7:38 pm, seconded by Aldersperson Raasch.**

**Upon vote, the motion passed unanimously.**

#### III. Items

##### 1. Consider Preliminary Resolution for Special Assessment for Storm Sewer Main and/or Laterals

Eric Rakers, City Engineer, explained the purpose of this item is to approve the preliminary resolution for special assessments for storm sewer main and/or storm lateral construction associated with street resurfacing and reconstruction in 2019. Eric reviewed the project scheduled for 2019 and stated that the charges for the assessments were previously approved. Residents have three different payback options available. The assessment can be paid in full within 30 days with no interest; they could wait up to 25 years to pay in full, or pay in full if the property is sold within the 25 year period, with interest accruing up to 10 years; or pay in full at the time of connection to the storm water

lateral. Connection to the storm lateral would only be required if the sump pump is creating drainage issues. Staff recommends approving the preliminary resolution to schedule a public hearing at the next Board of Public Works meeting in April and establish a 5 year payback period.

**Mayor Walsh moved to open the meeting to public comment at 7:45 pm, seconded by Alderperson Boyd. Upon vote, the motion passed unanimously.**

Steve Watermolen questioned the scope of the project.

Eric Rakers, City Engineer, explained that the water main and services are being redone in this area, along with new storm main and laterals being installed. For cost effectiveness, this is typically done the same time when the streets are resurfaced or reconstructed. The storm main and laterals are what the property owners are assessed for, which gets the lateral to the property line. The cost for the street resurfacing is paid for through taxes. Additional costs would be incurred for a resident to get their sump pump connected to the lateral. Eric also explained the repayment options.

Shane Smith questioned why his property was chosen and why he is required to have the lateral installed.

Eric Rakers, City Engineer, explained that the area was chosen because the whole area is relatively flat and there have been past issues and complaints regarding sidewalk icing. The long term goal is for every home in the city to have a storm lateral. New homes are required to have them installed and are paid for by the developer of the property.

Mayor Walsh explained that the decision for properties being required to have storm laterals was approved by the Board of Public Works and Common Council, with an ordinance being passed.

Raymond Colazo questioned what needs to be done if his home is already connected to sewer.

Eric Rakers, City Engineer, explained that some homes in the area have private storm sewer in their backyard with their sump pump hooked into. This is not considered a city connection, because there is no mechanism to have the sewer replaced if it were to fail. The sewer can be televised to see if a property is connected to the city sewer. If it is, there would be a zero assessment and schedule D could be revised when it is brought back for the public hearing.

Tim Bossard questioned how you would know if you are already connected to the city sewer.

Eric Rakers, City Engineer, commented that they met with many residents after the public information meeting. The Engineering Department can televise a property to see if it is connected to the city sewer.

Gary Giese commented on the interest charge on the 5 year payback option.

Mayor Walsh explained the interest rate on the 5 year payback options is 1% above the interest rate the city pays.

Rene Glinski questioned what taxes are used for and why residents only receive a 6 month warning of the assessment.

Eric Rakers, City Engineer, stated that the street reconstruction is paid for, the water utility covers the cost of the water main replacement, the storm water utility will pay for 80% of the storm sewer main and the property owner is responsible for 20% of the storm sewer main and 100% of lateral. The storm water utility also pays for street sweeping, leaf pickup, and storm water maintenance. All new homes are required to pay for a storm lateral; the utility doesn't pick up this cost. Information is sent out to property owners as soon as the projects are approved, with letter going out in January for the informational meeting for this project.

Mayor Walsh commented that before the new ordinance was established, the property owner had to pay 100% of the storm sewer main and lateral cost.

Scott Thoresen, Director of Public Works, commented that the city has a street rating program, and every other year streets are rated to determine when paving is needed. Typical streets last between 15-20 years and because of the year of the street and drainage concerns, this area needed to be addressed.

**Mayor Walsh moved to return to regular order at 8:10 pm, seconded by Alderperson Raasch. Upon vote, the motion passed unanimously.**

Discussion followed.

Alderperson Carpenter commented that due to the water main being updated and the street repaired, it is more cost effective for the city to install storm water laterals at the same time.

Alderperson Raasch commented on the multiple payback options available for payment.

Alderperson Hansen commented on the interest rate.

**Alderperson Raasch moved to approve the preliminary resolution and schedule a public hearing at the Board of Public Works meeting on April 8, 2019 and establish a 5-year payback period, seconded by Alderperson Boyd.**

Discussion followed.

Alderperson Raasch confirmed that if residents question if they are already connected to the city sewer, the Engineering Department can verify this and adjust Schedule D if necessary.

Alderperson Hansen questioned the possibility of adjusting the payback period.

**Upon vote, the motion passed unanimously.**

|                  |                                        |
|------------------|----------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>             |
| <b>MOVER:</b>    | Dean Raasch, Alderperson               |
| <b>SECONDER:</b> | James Boyd, Alderperson                |
| <b>AYES:</b>     | Boyd, Carpenter, Hansen, Raasch, Walsh |

2. Consider Main Avenue Bump Out\*

Scott Thoresen, Director of Public Works, explained that in the 2019 budget, funding was approved for a mid-block crossing on Main Avenue between 3<sup>rd</sup> and 4<sup>th</sup> Street so pedestrians can cross more safely. Staff met with stakeholders and the biggest concern for the project was the loss of parking stalls. The options were referred to Definitely De Pere to review with the stakeholders, and option #3 was the preferred choice. With the new entrance to the public walkway that is going to be enhanced with artwork this year, staff would also recommend approving option #3.

Discussion followed.

Alderperson Hansen questioned the tree removal with the project.

Alderperson Raasch questioned why the north side of the street did not mirror the south side with outside seating available on the terrace.

Scott Thoresen, Director of Public Works stated that the stakeholders were concerned with loss of parking, but there is the opportunity for the bump outs to mirror each other.

**Alderperson Boyd moved to open the meeting to public comment at 8:30 pm, seconded by Alderperson Raasch. Upon vote, the motion passed unanimously.**

Kevin Bauer commented on his concerns with the bump outs and the notification process, along with the possibility of motorcycle parking.

Discussion followed.

Alderperson Carpenter questioned the availability of adding motorcycle parking.

Mayor Walsh stated with the difficulty crossing Main Avenue, the bump outs are needed for pedestrian crossing.

**Mayor Walsh moved to return to regular order at 8:40 pm, seconded by Alderperson Hansen. Upon vote, the motion passed unanimously.**

Discussion followed.

Alderperson Boyd questioned the notification process for the project.

Mayor Walsh feels an opportunity will be missed if something is not done. People enjoy sitting outside in the summer.

Scott Thoresen, Director of Public Works, commented that the common concern in all the meetings from the stakeholders is parking.

Alderperson Raasch suggested an option #4, which would be to mirror the north side of the road with the south side.

**Alderperson Raasch moved to consider option #3 for the bump outs on Main Avenue and for staff to create an option #4, with the north side of Main Avenue mirroring the South side, the same as option #3, seconded by Alderperson Hansen.**

**Alderperson Carpenter moved to open the meeting to public comment at 8:50 pm, seconded by Alderperson Raasch. Upon vote, the motion passed unanimously.**

Kevin Bauer commented that he would be interested in option #4 if his business would have the opportunity to use it.

Discussion followed.

Mayor Walsh explained that the improvements are not being done just for existing businesses. The city has to look at the long term investment.

**Alderperson Raasch moved to return to regular order at 8:55 pm, seconded by Alderperson Boyd. Upon vote, the motion passed unanimously.**

Discussion followed.

Alderperson Raasch commented that there are other opportunities for the city to utilize the bump out area on the north side of the street to make it an inviting area.

Alderperson Boyd commented that he likes the mirroring option and the city needs to look at future businesses as well as the existing ones.

**Upon vote, the above motion passed unanimously.**

|                  |                                        |
|------------------|----------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>             |
| <b>MOVER:</b>    | Dean Raasch, Alderperson               |
| <b>SECONDER:</b> | Jonathon Hansen, Alderperson           |
| <b>AYES:</b>     | Boyd, Carpenter, Hansen, Raasch, Walsh |

3. Consider Award of Contract 19-01 Sewer and Water Relay and Street Resurfacing\*

**Alderperson Hansen moved to award contract 19-01 Sewer and Water Relay and Street Resurfacing to Jossart Brothers, Inc. for \$2,247,515.85, seconded by Alderperson Boyd. Upon vote, the motion passed unanimously.**

|                  |                                        |
|------------------|----------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>             |
| <b>MOVER:</b>    | Jonathon Hansen, Alderperson           |
| <b>SECONDER:</b> | James Boyd, Alderperson                |
| <b>AYES:</b>     | Boyd, Carpenter, Hansen, Raasch, Walsh |

4. Consider Award of Contract 19-13 Crackfilling\*

**Alderperson Raasch moved to award contract 19-13 Crackfilling to Asphalt Seal and Repair, Inc. for \$115,200.00, seconded by Alderperson Carpenter. Upon vote, the motion passed unanimously.**

|                  |                                        |
|------------------|----------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>             |
| <b>MOVER:</b>    | Dean Raasch, Alderperson               |
| <b>SECONDER:</b> | Dan Carpenter, Alderperson             |
| <b>AYES:</b>     | Boyd, Carpenter, Hansen, Raasch, Walsh |

5. Consider Quote for 2019 Consulting Services\*

**Mayor Walsh moved to approve the quote for 2019 Consulting Services from Cedar Corporation, seconded by Alderperson Carpenter. Upon vote, the motion passed unanimously.**

|                  |                                        |
|------------------|----------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>             |
| <b>MOVER:</b>    | Michael J. Walsh, Mayor                |
| <b>SECONDER:</b> | Dan Carpenter, Alderperson             |
| <b>AYES:</b>     | Boyd, Carpenter, Hansen, Raasch, Walsh |

6. Consider Engineering Technical Services Regarding Installation of AT&T's Wireless Antennae Facilities on Matthew Water Tower\*

**Alderperson Raasch moved to approve the engineering services agreement with Dixon Engineering for AT&T's wireless upgrade on the Matthew Street water tower, seconded by Alderperson Carpenter. Upon vote, the motion passed unanimously.**

|                  |                                        |
|------------------|----------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>             |
| <b>MOVER:</b>    | Dean Raasch, Alderperson               |
| <b>SECONDER:</b> | Dan Carpenter, Alderperson             |
| <b>AYES:</b>     | Boyd, Carpenter, Hansen, Raasch, Walsh |

7. Consider Approval for the State Municipal Agreement with WisDOT for the Main Avenue & Eighth Street Signal Retrofit\*

**Alderperson Hansen moved to approve the State Municipal Agreement with WisDOT for the Main Avenue and Eighth Street signal retrofit, seconded by Alderperson Boyd.**

Discussion followed.

Alderperson Hansen questioned the Main Avenue reconstruction and if the signals would be impacted with the reconstruction, and if the signals would be customized for the intersection.

Eric Rakers, City Engineer, stated nothing can be guaranteed. The signals are in really bad shape and with the DOT grant, it would push the replacement into 2020. The traffic study would still be done this year to see what changes could be implemented.

Scott Thoresen, Director of Public Works, explained the financing for the project.

**Upon vote, the above motion passed unanimously.**

|                  |                                        |
|------------------|----------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>             |
| <b>MOVER:</b>    | Jonathon Hansen, Alderperson           |
| <b>SECONDER:</b> | James Boyd, Alderperson                |
| <b>AYES:</b>     | Boyd, Carpenter, Hansen, Raasch, Walsh |

8. Consider Draft 2018 Annual Report for the Wisconsin Department of Natural Resources MS4 General Permit\*

**Mayor Walsh moved to approve the draft 2018 Annual Report for the Wisconsin Department of Natural Resources MS4 General Permit, seconded by Alderperson Raasch.**

Discussion followed.

Eric Rakers, City Engineer, gave an overview of the annual report for the permit. The permit is renewed every 5 years by the Wisconsin Department of Natural Resources. The city is required to submit an annual report highlighting activities completed the previous year. Activities included educational materials, construction of a new storm water pond with the Lawrence Drive and Main Avenue reconstruction, televising, yearly leaf collection, brush pick-up and street sweeping.

Alderperson Hansen questioned the impact the new Optimist Park pond had.

Eric Rakers, City Engineer, explained that there are three different drainage basins within the city. The lower Fox basin is the area that the city is deficient. The Optimist Park pond is in the lower Fox basin and has provided a great improvement for the city permit requirements.

**Upon vote, the motion passed unanimously.**

|                  |                                        |
|------------------|----------------------------------------|
| <b>RESULT:</b>   | <b>ADOPTED [UNANIMOUS]</b>             |
| <b>MOVER:</b>    | Michael J. Walsh, Mayor                |
| <b>SECONDER:</b> | Dean Raasch, Alderperson               |
| <b>AYES:</b>     | Boyd, Carpenter, Hansen, Raasch, Walsh |

IV. Future Agenda Items

None

V. Adjournment

**Mayor Walsh moved to adjourn the meeting at 9:10 pm, seconded by Alderperson Raasch.**

**Upon vote, the motion passed unanimously.**

Respectfully submitted,  
Grace Lahtela





City of De Pere, Wisconsin

**Request For Board of Public Works Action**

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**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Engineering

**FROM:** Eric Rakers

**SUBJECT:** Consider Resolution #19-01, Final Resolution Authorizing Levying Special Assessments for Storm Sewer Main and/or Laterals\*

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**ATTACHMENTS:**

- CI\_BOPW\_Storm\_Sewer\_Assessment\_Final\_Resolution\_3-11-2019 (DOCX)
- BPW Final Resolution BOPW #19-01 (DOCX)
- Schedule\_B (PDF)
- Schedule\_C (PDF)
- Schedule\_D (PDF)
- Parkview Road Assessment Map (PDF)
- James Street Assessment Map (PDF)
- Project 19-01 Utility Relay Assessment Map (PDF)

# City of De Pere

## Public Works Department

## Memo

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**To:** Honorable Mayor Walsh  
Members of the Board of Public Works

**From:** Eric Rakers, P.E., City Engineer

**Date:** April 8, 2019

**Subject:** Consider Resolution #19-01, Final Resolution Authorizing Levying Special Assessments for Storm Sewer Main and/or Laterals

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The purpose for this item is to approve a final resolution for special assessment for storm sewer and/or storm lateral construction associated with street resurfacing and reconstruction in 2019.

### Background

The City is performing the following construction in 2019 that includes the installation of new storm sewer and/or storm laterals:

- Cook Street Utility Relay and Resurfacing from S. Erie Street to 130' East of Silver Street
- Hockers Street Utility Relay and Resurfacing from S. Erie Street to 140' East of Cardinal Street
- James Street Reconstruction from N. Broadway Street to N. Wisconsin Street
- Parkview Road Reconstruction from Ashland Avenue to the West City Limits
- Robin Street Utility Relay and Resurfacing from Hockers Street to Mayfair Street
- Silver Street Utility Relay and Resurfacing from Hockers Street to Mayfair Street
- Star Street Utility Relay and Resurfacing from Hockers Street to Cook Street

Storm sewer lateral installation on James Street and Parkview Road conforms to the City Municipal Code Section 26-5-5 (b) which states:

- (1) Installation. Storm sewer main and lateral installation to each lot of record shall be constructed at the time of street reconstruction in those streets which do not have storm sewer. The location of the lateral installation shall be as determined by the city engineer or designee.*

The City has received drainage complaints in the area of Cook Street, Hockers Street, Robin Street, Silver Street and Star Street over the last few years. Because of this, storm sewer laterals are being installed to properties within this block. The installation of storm laterals conforms to the City Municipal Code Section 26-5-5 (c) which states that:

- (1) Installation. Storm sewer main and lateral installation to each lot of a record shall be constructed at during street resurfacing improvements when:*
- a. Requested by a property owner along the street to be resurfaced; or*
  - b. When ordered by the director of public works to address drainage issues*
- The location of the lateral installation shall be as determined by the city engineer*

*or designee.”*

Assessments for these services were calculated per Code Section 13-7. As calculated per Code Section 13-7 and approved by the Board of Public Works (BOPW), the costs for the 2019 storm sewer special assessment is as follows:

- Residential Properties
  - Storm Lateral Assessment - \$1,621.19 per each
  - Storm Main Assessment - \$371.66 per parcel
- Non-Residential Properties
  - Storm Main Assessment - \$7.22 per foot of parcel frontage
  - Storm Lateral Assessment - 6” - \$1,852.20 per each
  - Storm Lateral Assessment - 8” - \$1,860.51 per each
  - Storm Lateral Assessment - 12” - \$2,136.87 per each

The locations impacted by storm sewer assessments include:

- Cook Street from S. Erie Street to 130’ East of Silver Street
- Hockers Street from S. Erie Street to 140’ East of Cardinal Street
- James Street from N. Broadway Street to N. Wisconsin Street
- Parkview Road from Ashland Avenue to the West City Limits
- Robin Street from Hockers Street to Mayfair Street
- Silver Street from Hockers Street to Mayfair Street
- Star Street from Hockers Street to Cook Street

Property owners have been notified several times of this project including:

- January 18, 2017 – Letter notifying Parkview Road property owners of upcoming project.
- May 24, 2017 – Phone conversation with Parkview Road property going over estimated utility connection costs.
- July 2, 2018 – Letter to Parkview Road property notifying of upcoming construction and utility connection costs.
- January 4, 2019 – Letters sent notifying residents of storm sewer assessments and public information meeting. (All roads except Parkview Road, Silver Street, and James Street)
- January 10, 2019 – Letters sent notifying residents on Silver Street of storm sewer assessments and public information meeting.
- January 17, 2019 – Public Information meeting (All roads except Parkview Road and James Street).
- February 25, 2019 – Email to James Street property notifying of storm sewer assessment.
- March 1, 2019 – Email to James Street property notifying of preliminary assessment amount and inviting to meet regarding the assessment if needed.
- March 1, 2019 – Letter sent notifying residents of preliminary assessment amount and invitation to Board of Public Works meetings on March 11, 2019 and April 8, 2019.
- March 22, 2019 – Letter sent notifying residents of Board of Public Works Meeting on April 8, 2019.

Code Section 13-7 d. further identifies procedures and pay options for the storm sewer special assessments as follows:

- d. *Public hearing. The board shall hold a public hearing on the assessments and after the hearing may by resolution approve, disapprove, modify, or refer the report with such directions as it deems necessary. The board shall provide for the following payment alternatives if it determines to assess for any of the improvements:*
  - i. *No interest imputed if payment of assessment made in full within 30 days of invoice;*
  - ii. *Payment in such number of yearly installments as deemed reasonable by the board, together with interest thereon at the rate of one percent over the interest rate paid by the city on its latest bonding issue, with payment in full due upon transfer of the property;*
  - iii. *Deferred payment of assessment with interest to accrue at the rate of one percent over the interest rate paid by city on its last bond issue, with the total becoming due on the earliest of the following:*
    - A. *Transfer of the benefited property to any other person or entity;*
    - B. *Subdivision of the benefited property;*
    - C. *Connection to the storm sewer;*
    - D. *The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefited property.*
  - iv. *Interest on alternatives ii. and iii. above shall stop accruing after a period of ten years.*

The BOPW established a five year payback for assessments if payment is made the year payments come due. Also, under iii., property owners are not required to pay until they connect to the storm lateral, sell or subdivide the property, or 25 years, whichever occurs first.

### **Recommendation**

Staff recommends that the Board of Public Works adopt the final resolution.

### **Attachments**

- BPW Final Resolution BOPW #19-01
- Schedule\_B
- Schedule\_C
- Schedule\_D
- Parkview Road Assessment Map
- James Street Assessment Map
- Project 19-01 Utility Relay Assessment Map

## RESOLUTION BOPW #19-01

FINAL RESOLUTION AUTHORIZING STORM SEWER MAIN AND/OR LATERAL  
CONSTRUCTION AND LEVYING SPECIAL ASSESSMENTS AGAINST BENEFITED  
PROPERTY

(COOK STREET, HOCKERS STREET, JAMES STREET, PARKVIEW ROAD, ROBIN  
STREET, SILVER STREET, AND STAR STREET)

WHEREAS, the Board of Public Works of the City of De Pere having declared its intention to exercise its police power to levy special assessments pursuant to Wis. Stats. §66.0703, for improvements constructed within the areas described below and special assessments to be levied on a reasonable basis upon the property benefited thereby. Said improvements to include storm sewer main and/or laterals. Said improvements shall be constructed in, and the properties benefiting therefrom are contained within, the following described areas or abutting streets:

**STORM SEWER MAIN AND LATERALS**

Both Sides of Cook Street from S. Erie Street to 130' East of Silver Street  
Both Sides of Hockers Street from S. Erie Street to 140' East of Cardinal Street  
Both Sides of James Street from N. Broadway Street to N. Wisconsin Street  
Both Sides of Parkview Road from Ashland Avenue to West City Limits  
Both Sides of Robin Street from Hockers Street to Mayfair Street  
Both Sides of Silver Street from Hockers Street to Mayfair Street  
Both Sides of Star Street from Hockers Street to Cook Street

WHEREAS, the Board of Public Works has published a Notice of Public Hearing regarding such improvements and, pursuant thereto, a public hearing has been held at the City Hall Council Chambers on the 8<sup>th</sup> day of April, 2019 at 7:30 p.m., whereupon the Board of Public Works heard all interested parties or their agents or attorneys;

NOW, THEREFORE, BE IT HEREBY RESOLVED, by the Board of Public Works of the City of De Pere, Wisconsin, that:

1. The report of the Board of Public Works of the City of De Pere, as compiled by the Director of Public Works, pertaining to the construction of the above described improvements, including plans and specifications therefore is hereby adopted and approved.
2. The Board of Public Works, based on its view of the property and its review of such report, determines that the above described properties are benefitted by such public improvements and that the benefits and amounts assessed against each parcel on the basis shown in the report, representing an exercise of police power, are determined to be on a reasonable basis and are hereby confirmed and approved.
3. Payment for the public improvements shall be made by assessing the cost therefore against the above described benefitted properties as indicated in such report.
4. The assessments hereby levied for said improvements shall be:
  - (1) paid in cash within thirty (30) days of invoice; or
  - (2) paid in five (5) annual installments, together with interest on the unpaid balance at a rate of 4.5% if payment starts the year invoiced; or
  - (3) deferred with interest to accrue at the rate of 4.5% with the total becoming due on the earliest of the following:
    - i. Transfer of the benefitted property to any other person or entity;
    - ii. Subdivision of the benefitted property;
    - iii. Connection to the storm sewer;
    - iv. The expiration of 25 years from the date of the adoption of the final assessment resolution, at which time the assessment plus accrued interest shall be made in full against the benefitted property.

Interest on alternatives shall stop accruing after a period of ten years.

5. The total amount assessed benefited properties shall not exceed the total cost of the improvements.
6. The Clerk-Treasurer is hereby directed to publish this resolution in the Green Bay Press Gazette as a Class 1 Notice.
7. The Clerk-Treasurer is further directed to mail a copy of this resolution to the property owners whose names appear on the assessment roll whose address is known or can, with reasonable diligence, be ascertained.
8. If any section, sentence, or clause of this resolution or any special assessment set forth or referenced herein shall be declared invalid for any reason whatsoever, such decision shall not affect the remaining sections or assessments approved herein, which shall remain in full force and effect.
9. This resolution shall remain in full force and effect from and after its passage and publication according to law.

Adopted by the Board of Public Works of the City of De Pere, Wisconsin, this 8<sup>th</sup> day of April, 2019.

APPROVED:

\_\_\_\_\_  
Michael J. Walsh, Mayor and Chair of the Board  
of Public works

Ayes:\_\_\_\_\_

Nays:\_\_\_\_\_

SCHEDULE B

EXISTING DEVELOPMENT OTHER THAN RESIDENTIAL

UP TO TWO UNITS PER BUILDING



**Schedule B**  
**2019 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building**  
**Summary Based on 2016-2018 Asphalt Reconstruction and Resurfacing Projects.**

**City of De Pere**  
**Date: 12/19/2018**

**Mainline Cost**

| Project               | Bid Item | Bid Item Description                               | Unit | Quantity | Cost    | Total       | Comment |
|-----------------------|----------|----------------------------------------------------|------|----------|---------|-------------|---------|
| 17-02                 | ST-01    | Provide 18" PVC or RCP Class III Storm Sewer       | LF   | 389.0    | \$55.00 | \$21,395.00 |         |
| 18-02                 | ST-04    | Provide 18" PVC , RCP Class III, or PP Storm Sewer | LF   | 260.0    | \$52.74 | \$13,712.40 |         |
| Total                 |          |                                                    |      | 649.0    |         | \$35,107.40 |         |
| Average Cost Per Foot |          |                                                    |      |          |         | \$54.09     |         |

**Schedule B**  
**2019 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building**  
**Summary Based on 2016-2018 Asphalt Reconstruction and Resurfacing Projects.**  
**City of De Pere**  
**Date: 12/19/2018**

**Storm Sewer Manhole**

| Project                                       | Bid Item | Bid Item Description                         | Unit | Quantity | Cost     | Total        | Comment |
|-----------------------------------------------|----------|----------------------------------------------|------|----------|----------|--------------|---------|
| 16-02                                         | ST-20    | Remove and Replace 4' Diameter Storm Manhole | VF   | 73.74    | \$275.00 | \$20,278.50  |         |
| 16-07                                         | ST-07    | Remove and Replace 4' Diameter Storm Manhole | VF   | 24.96    | \$490.00 | \$12,230.40  |         |
| 17-01                                         | ST-10    | Remove and Replace 4' Diameter Storm Manhole | VF   | 26.80    | \$365.00 | \$9,782.00   |         |
| 17-01                                         | ST-12    | Provide 4' Diameter Storm Manhole            | VF   | 31.40    | \$350.00 | \$10,990.00  |         |
| 17-02                                         | ST-12    | Provide 4' Diameter Storm Manhole            | VF   | 96.20    | \$310.00 | \$29,822.00  |         |
| 17-07                                         | ST-06    | Remove and Replace 4' Diameter Storm Manhole | VF   | 4.10     | \$600.00 | \$2,460.00   |         |
| 18-01                                         | ST-13    | Provide 4' Diameter Storm Manhole            | VF   | 32.48    | \$507.00 | \$16,467.36  |         |
| 18-01                                         | ST-16    | Remove and Replace 4' Diameter Storm Manhole | VF   | 5.20     | \$450.00 | \$2,340.00   |         |
| 18-02                                         | ST-18    | Provide 4' Diameter Storm Manhole            | VF   | 91.23    | \$401.41 | \$36,620.63  |         |
| 18-11                                         | ST-09    | Remove and Replace 4' Diameter Storm Manhole | VF   | 3.80     | \$435.00 | \$1,653.00   |         |
| 18-11                                         | ST-10    | Provide 4' Diameter Storm Manhole            | VF   | 11.90    | \$365.00 | \$4,343.50   |         |
| Total                                         |          |                                              |      | 401.81   |          | \$146,987.39 |         |
| Cost Per Vertical Foot                        |          |                                              |      |          |          | \$365.81     |         |
| Cost for a 5 foot Deep Manhole                |          |                                              |      |          |          | \$1,829.05   |         |
| Average Per Foot Cost with a 300 Foot Spacing |          |                                              |      |          |          | \$6.10       |         |

**Schedule B**  
**2019 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building**  
**Summary Based on 2016-2018 Asphalt Reconstruction and Resurfacing Projects.**  
**City of De Pere**  
**Date: 12/19/2018**

**Lateral Cost****Lateral 6"**

| Project                                                           | Bid Item | Bid Item Description               | Unit | Quantity       | Cost    | Total               | Comment                                                       |
|-------------------------------------------------------------------|----------|------------------------------------|------|----------------|---------|---------------------|---------------------------------------------------------------|
| 16-02                                                             | ST-17    | Provide 6" PVC Storm Sewer Lateral | LF   | 3,053.0        | \$42.00 | \$128,226.00        |                                                               |
| 16-07                                                             | ST-04    | Provide 6" PVC Storm Sewer         | LF   | 187.0          | \$41.00 | \$7,667.00          |                                                               |
| 17-01                                                             | ST-06    | Provide 6" PVC Storm Sewer Lateral | LF   | 2,463.3        | \$38.00 | \$93,605.40         |                                                               |
| 17-02                                                             | ST-05    | Provide 6" Storm Sewer Lateral     | LF   | 1,564.2        | \$39.50 | \$61,785.90         |                                                               |
| 18-01                                                             | ST-08    | Provide 6" Storm Sewer Lateral     | LF   | 1,049.0        | \$34.00 | \$35,666.00         |                                                               |
| 18-02                                                             | ST-09    | Provide 6" PVC Storm Sewer Lateral | LF   | 529.0          | \$33.10 | \$17,509.90         |                                                               |
| 18-07                                                             | ST-01    | Provide 6" PVC Storm Sewer Lateral | LF   | 108.0          | \$35.00 | \$3,780.00          |                                                               |
| 18-11                                                             | ST-07    | Provide 6" PVC Storm Sewer Lateral | LF   | 3.0            | \$51.00 | \$153.00            |                                                               |
| <b>Total</b>                                                      |          |                                    |      | <b>8,956.5</b> |         | <b>\$348,393.20</b> |                                                               |
| <b>Average Cost Per Foot</b>                                      |          |                                    |      |                |         | <b>\$38.90</b>      |                                                               |
| <b>Average Cost per Lot at 35 Feet of Lateral (100% to Owner)</b> |          |                                    |      |                |         | <b>\$1,361.50</b>   | Average length of lateral is based on a 70 foot right of way. |
|                                                                   |          |                                    |      |                |         |                     |                                                               |

**Lateral 8"**

| Project                                                           | Bid Item | Bid Item Description               | Unit | Quantity       | Cost    | Total              | Comment                                                       |
|-------------------------------------------------------------------|----------|------------------------------------|------|----------------|---------|--------------------|---------------------------------------------------------------|
| 16-02                                                             | ST-08    | Provide 8" PVC Storm Sewer         | LF   | 541.0          | \$42.00 | \$22,722.00        |                                                               |
| 16-07                                                             | ST-03    | Provide 8" PVC Storm Sewer         | LF   | 266.0          | \$39.00 | \$10,374.00        |                                                               |
| 17-01                                                             | ST-05    | Provide 8" PVC Storm Sewer         | LF   | 1,040.5        | \$40.00 | \$41,620.00        |                                                               |
| 17-02                                                             | ST-04    | Provide 8" PVC Storm Sewer         | LF   | 190.0          | \$34.00 | \$6,460.00         |                                                               |
| 18-02                                                             | ST-07    | Provide 8" PVC Storm Sewer         | LF   | 53.0           | \$36.85 | \$1,953.05         |                                                               |
| 18-02                                                             | ST-08    | Provide 8" PVC Storm Sewer Lateral | LF   | 48.0           | \$40.40 | \$1,939.20         |                                                               |
| <b>Total</b>                                                      |          |                                    |      | <b>2,138.5</b> |         | <b>\$85,068.25</b> | Average length of lateral is based on a 70 foot right of way. |
| <b>Average Cost Per Foot</b>                                      |          |                                    |      |                |         | <b>\$39.78</b>     |                                                               |
| <b>Average Cost per Lot at 35 Feet of Lateral (100% to Owner)</b> |          |                                    |      |                |         | <b>\$1,392.30</b>  |                                                               |

**Schedule B**  
**2019 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building**  
**Summary Based on 2016-2018 Asphalt Reconstruction and Resurfacing Projects.**  
**City of De Pere**  
**Date: 12/19/2018**

**Lateral Cost**

Lateral 12"

| Project                                                    | Bid Item | Bid Item Description                                                        | Unit | Quantity | Cost    | Total        | Comment                                                       |
|------------------------------------------------------------|----------|-----------------------------------------------------------------------------|------|----------|---------|--------------|---------------------------------------------------------------|
| 16-02                                                      | ST-06    | Provide 12" PVC Storm Sewer                                                 | LF   | 609.0    | \$45.00 | \$27,405.00  |                                                               |
| 16-07                                                      | ST-02    | Remove and Replace 12" PVC or RCP (Class III) Storm Sewer                   | LF   | 119.0    | \$62.00 | \$7,378.00   |                                                               |
| 17-01                                                      | ST-02    | Remove and Replace 12" PVC or RCP (Class III) Storm Sewer                   | LF   | 478.5    | \$47.00 | \$22,489.50  |                                                               |
| 17-02                                                      | ST-03    | Provide 12" PVC or RCP Class III Storm Sewer                                | LF   | 1,554.5  | \$38.00 | \$59,071.00  |                                                               |
| 17-07                                                      | ST-02    | Remove and Replace 12" PVC or RCP CL III Storm Sewer                        | LF   | 91.0     | \$36.00 | \$3,276.00   |                                                               |
| 18-01                                                      | ST-03    | Provide 12" PVC or RCP (Class III) Storm Sewer                              | LF   | 1,248.0  | \$50.00 | \$62,400.00  |                                                               |
| 18-01                                                      | ST-06    | Remove and Relay 12" PVC or RCP (Class III) Storm Sewer (Granular Backfill) | LF   | 59.3     | \$51.00 | \$3,024.30   |                                                               |
| 18-02                                                      | ST-06    | Provide 12" PVC or RCP Class III Storm Sewer                                | LF   | 936.0    | \$52.76 | \$49,383.36  |                                                               |
| 18-11                                                      | ST-04    | Remove and Relay 12" PVC or RCP (Class III) Storm Sewer                     | LF   | 117.5    | \$58.00 | \$6,815.00   |                                                               |
| 18-11                                                      | ST-05    | Provide 12" PVC or RCP (Class III) Storm Sewer (Natural Backfill)           | LF   | 86.0     | \$48.00 | \$4,128.00   |                                                               |
| 18-11                                                      | ST-06    | Provide 12" PVC or RCP (Class III) Storm Sewer (Granular Backfill)          | LF   | 24.0     | \$58.00 | \$1,392.00   |                                                               |
| Total                                                      |          |                                                                             |      | 5,322.8  |         | \$246,762.16 |                                                               |
| Average Cost Per Foot                                      |          |                                                                             |      |          |         | \$46.36      |                                                               |
| Average Cost per Lot at 35 Feet of Lateral (100% to Owner) |          |                                                                             |      |          |         | \$1,622.60   | Average length of lateral is based on a 70 foot right of way. |

Attachment: Schedule\_B (8096 : Consider Res #19-01, Final Res Authorizing Levying Spec. Assess. for Storm Sewer Main/Laterals\*)

**Schedule B**  
**2019 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to Two Units per Building**  
**Summary Based on 2016-2018 Asphalt Reconstruction and Resurfacing Projects.**  
**City of De Pere**  
**Date: 12/19/2018**

**Connection Cost****Storm Wye Cost (6")**

| Project                     | Bid Item | Bid Item Description                                                          | Unit | Quantity   | Cost     | Total              | Comment |
|-----------------------------|----------|-------------------------------------------------------------------------------|------|------------|----------|--------------------|---------|
| 16-02                       | ST-10    | Provide 6" Connection (Core or Tee) to 36" Storm Sewer                        | EA   | 14         | \$200.00 | \$2,800.00         |         |
| 16-02                       | ST-11    | Provide 6" Connection (Core or Tee) to 24" Storm Sewer                        | EA   | 14         | \$200.00 | \$2,800.00         |         |
| 16-02                       | ST-12    | Provide 6" Connection (Core or Tee) to Existing Storm Sewer on Eighth Street. | EA   | 15         | \$200.00 | \$3,000.00         |         |
| 16-02                       | ST-13    | Provide Storm Tee 15"x6"                                                      | EA   | 12         | \$300.00 | \$3,600.00         |         |
| 16-02                       | ST-14    | Provide Storm Tee 12"x6"                                                      | EA   | 9          | \$200.00 | \$1,800.00         |         |
| 17-01                       | ST-07    | Provide 12"x6" Storm Tee                                                      | EA   | 7          | \$75.00  | \$525.00           |         |
| 17-01                       | ST-08    | Provide 8"x6" Storm Tee                                                       | EA   | 20         | \$50.00  | \$1,000.00         |         |
| 17-02                       | ST-06    | Provide Storm Branch 18"x6"                                                   | EA   | 7          | \$350.00 | \$2,450.00         |         |
| 17-02                       | ST-07    | Provide Storm Branch 15"x6"                                                   | EA   | 22         | \$190.00 | \$4,180.00         |         |
| 17-02                       | ST-08    | Provide Storm Branch 12"x6"                                                   | EA   | 17         | \$110.00 | \$1,870.00         |         |
| 17-02                       | ST-09    | Provide Storm Branch 8"x6"                                                    | EA   | 3          | \$55.00  | \$165.00           |         |
| 18-01                       | ST-10    | Provide 12"x6" Storm Branch or Inserta Tee                                    | EA   | 28         | \$165.00 | \$4,620.00         |         |
| 18-02                       | ST-11    | Provide 30"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 5          | \$279.27 | \$1,396.35         |         |
| 18-02                       | ST-12    | Provide 24"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 2          | \$306.03 | \$612.06           |         |
| 18-02                       | ST-13    | Provide 21"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 2          | \$291.89 | \$583.78           |         |
| 18-02                       | ST-14    | Provide 18"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 2          | \$291.89 | \$583.78           |         |
| 18-02                       | ST-15    | Provide 15"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 2          | \$291.89 | \$583.78           |         |
| 18-02                       | ST-16    | Provide 12"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 2          | \$309.06 | \$618.12           |         |
| 18-11                       | ST-08    | Provide 12"x6" Storm Branch or Inserta Tee                                    | EA   | 1          | \$300.00 | \$300.00           |         |
| <b>Total</b>                |          |                                                                               |      | <b>184</b> |          | <b>\$33,487.87</b> |         |
| <b>Average Cost Per Wye</b> |          |                                                                               |      |            |          | <b>\$182.00</b>    |         |

**Core Storm Tee Cost (8" & 12")**

| Project                                 | Bid Item | Bid Item Description                             | Unit | Quantity  | Cost     | Total             | Comment |
|-----------------------------------------|----------|--------------------------------------------------|------|-----------|----------|-------------------|---------|
| 17-01                                   | ST-09    | Core Drill Existing Main with NPC Kor-N-Tee      | EA   | 20        | \$125.00 | \$2,500.00        |         |
| 18-02                                   | ST-10    | Provide 30"x8" Storm Sewer Branch or Inserta Tee | EA   | 2         | \$489.35 | \$978.70          |         |
| <b>Total</b>                            |          |                                                  |      | <b>22</b> |          | <b>\$3,478.70</b> |         |
| <b>Average Cost Per Connection/Core</b> |          |                                                  |      |           |          | <b>\$158.12</b>   |         |



SCHEDULE B  
RESIDENTIAL  
UP TO TWO UNITS PER BUILDING

**Storm Sewer Cost Evaluation - Residential**  
**Summary Based on 2016-2018 Asphalt Reconstruction and Resurfacing Projects.**  
**City of De Pere**  
**Date: 12/19/2018**

**Mainline Cost**

| Project               | Bid Item | Bid Item Description                                                        | Unit | Quantity | Cost    | Total        | Comment |
|-----------------------|----------|-----------------------------------------------------------------------------|------|----------|---------|--------------|---------|
| 16-02                 | ST-06    | Provide 12" PVC Storm Sewer                                                 | LF   | 609.0    | \$45.00 | \$27,405.00  |         |
| 16-07                 | ST-02    | Remove and Replace 12" PVC or RCP (Class III) Storm Sewer                   | LF   | 119.0    | \$62.00 | \$7,378.00   |         |
| 17-01                 | ST-02    | Remove and Replace 12" PVC or RCP (Class III) Storm Sewer                   | LF   | 478.5    | \$47.00 | \$22,489.50  |         |
| 17-02                 | ST-03    | Provide 12" PVC or RCP Class III Storm Sewer                                | LF   | 1554.5   | \$38.00 | \$59,071.00  |         |
| 17-07                 | ST-02    | Remove and Replace 12" PVC or RCP CL III Storm Sewer                        | LF   | 91.0     | \$36.00 | \$3,276.00   |         |
| 18-01                 | ST-03    | Provide 12" PVC or RCP (Class III) Storm Sewer                              | LF   | 1248.0   | \$50.00 | \$62,400.00  |         |
| 18-01                 | ST-06    | Remove and Relay 12" PVC or RCP (Class III) Storm Sewer (Granular Backfill) | LF   | 59.3     | \$51.00 | \$3,024.30   |         |
| 18-02                 | ST-06    | Provide 12" PVC or RCP Class III                                            | LF   | 313.0    | \$52.76 | \$16,513.88  |         |
| 18-11                 | ST-04    | Remove and Relay 12" PVC or RCP (Class III) Storm Sewer                     | LF   | 117.5    | \$58.00 | \$6,815.00   |         |
| 18-11                 | ST-05    | Provide 12" PVC or RCP (Class III) Storm Sewer (Natural Backfill)           | LF   | 86.0     | \$48.00 | \$4,128.00   |         |
| 18-11                 | ST-06    | Provide 12" PVC or RCP (Class III) Storm Sewer (Granular Backfill)          | LF   | 24.0     | \$58.00 | \$1,392.00   |         |
| Total                 |          |                                                                             |      | 4699.8   |         | \$213,892.68 |         |
| Average Cost Per Foot |          |                                                                             |      |          |         | \$45.51      |         |

**Storm Sewer Cost Evaluation - Residential**  
**Summary Based on 2016-2018 Asphalt Reconstruction and Resurfacing Projects.**  
**City of De Pere**  
**Date: 12/19/2018**

**Lateral Cost**

| Project                                                              | Bid Item | Bid Item Description               | Unit | Quantity      | Cost    | Total               | Comment                                                                                                      |
|----------------------------------------------------------------------|----------|------------------------------------|------|---------------|---------|---------------------|--------------------------------------------------------------------------------------------------------------|
| 16-02                                                                | ST-17    | Provide 6" PVC Storm Sewer Lateral | LF   | 3053.0        | \$42.00 | \$128,226.00        |                                                                                                              |
| 16-07                                                                | ST-04    | Provide 6" PVC Storm Sewer         | LF   | 187.0         | \$41.00 | \$7,667.00          |                                                                                                              |
| 17-01                                                                | ST-06    | Provide 6" PVC Storm Sewer Lateral | LF   | 2463.3        | \$38.00 | \$93,605.40         |                                                                                                              |
| 17-02                                                                | ST-05    | Provide 6" Storm Sewer Lateral     | LF   | 1564.2        | \$39.50 | \$61,785.90         |                                                                                                              |
| 18-01                                                                | ST-08    | Provide 6" PVC Storm Sewer Lateral | LF   | 1049.0        | \$34.00 | \$35,666.00         |                                                                                                              |
| 18-02                                                                | ST-09    | Provide 6" PVC Storm Sewer Lateral | LF   | 529.0         | \$33.10 | \$17,509.90         |                                                                                                              |
| 18-07                                                                | ST-01    | Provide 6" PVC Storm Lateral       | LF   | 108.0         | \$35.00 | \$3,780.00          |                                                                                                              |
| 18-11                                                                | ST-07    | Provide 6" PVC Storm Sewer Lateral | LF   | 3             | \$51.00 | \$153.00            |                                                                                                              |
| <b>Total</b>                                                         |          |                                    |      | <b>8956.5</b> |         | <b>\$348,393.20</b> |                                                                                                              |
| <b>Average Cost Per Foot</b>                                         |          |                                    |      |               |         | <b>\$38.90</b>      |                                                                                                              |
| <b>Average Cost per Lot at 30 Feet of Lateral (100% to Resident)</b> |          |                                    |      |               |         | <b>\$1,167.00</b>   | Average length of lateral is based on a 60 foot right of way and several laterals being connected to inlets. |

**Storm Wye Cost**

| Project                     | Bid Item | Bid Item Description                                                          | Unit | Quantity   | Cost     | Total              | Comment |
|-----------------------------|----------|-------------------------------------------------------------------------------|------|------------|----------|--------------------|---------|
| 16-02                       | ST-10    | Provide 6" Connection (Core or Tee) to 36" Storm Sewer                        | EA   | 14         | \$200.00 | \$2,800.00         |         |
| 16-02                       | ST-11    | Provide 6" Connection (Core or Tee) to 24" Storm Sewer                        | EA   | 14         | \$200.00 | \$2,800.00         |         |
| 16-02                       | ST-12    | Provide 6" Connection (Core or Tee) to Existing Storm Sewer on Eighth Street. | EA   | 15         | \$200.00 | \$3,000.00         |         |
| 16-02                       | ST-13    | Provide Storm Tee 15"x6"                                                      | EA   | 12         | \$300.00 | \$3,600.00         |         |
| 16-02                       | ST-14    | Provide Storm Tee 12"x6"                                                      | EA   | 9          | \$200.00 | \$1,800.00         |         |
| 17-01                       | ST-07    | Provide 12"x6" Storm Tee                                                      | EA   | 7          | \$75.00  | \$525.00           |         |
| 17-01                       | ST-08    | Provide 8"x6" Storm Tee                                                       | EA   | 20         | \$50.00  | \$1,000.00         |         |
| 17-02                       | ST-06    | Provide Storm Branch 18"x6"                                                   | EA   | 7          | \$350.00 | \$2,450.00         |         |
| 17-02                       | ST-07    | Provide Storm Branch 15"x6"                                                   | EA   | 22         | \$190.00 | \$4,180.00         |         |
| 17-02                       | ST-08    | Provide Storm Branch 12"x6"                                                   | EA   | 17         | \$110.00 | \$1,870.00         |         |
| 17-02                       | ST-09    | Provide Storm Branch 8"x6"                                                    | EA   | 3          | \$55.00  | \$165.00           |         |
| 18-01                       | ST-10    | Provide 12"x6" Storm Branch or Inserta Tee                                    | EA   | 28         | \$165.00 | \$4,620.00         |         |
| 18-02                       | ST-11    | Provide 30"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 5          | \$279.27 | \$1,396.35         |         |
| 18-02                       | ST-12    | Provide 24"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 5          | \$306.03 | \$1,530.15         |         |
| 18-02                       | ST-13    | Provide 21"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 2          | \$291.89 | \$583.78           |         |
| 18-02                       | ST-14    | Provide 18"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 2          | \$291.89 | \$583.78           |         |
| 18-02                       | ST-15    | Provide 15"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 2          | \$291.89 | \$583.78           |         |
| 18-02                       | ST-16    | Provide 12"x6" Storm Sewer Branch or Inserta Tee                              | EA   | 2          | \$309.06 | \$618.12           |         |
| 18-11                       | ST-08    | Provide 12"x6" Storm Branch or Inserta Tee                                    | EA   | 1          | \$300.00 | \$300.00           |         |
| <b>Total</b>                |          |                                                                               |      | <b>187</b> |          | <b>\$34,405.96</b> |         |
| <b>Average Cost Per Wye</b> |          |                                                                               |      |            |          | <b>\$183.99</b>    |         |

Attachment: Schedule\_B (8096 : Consider Res #19-01, Final Res Authorizing Levying Spec. Assess. for Storm Sewer Main/Laterals\*)



**Storm Sewer Cost Evaluation - Residential**  
**Summary Based on 2016-2018 Asphalt Reconstruction and Resurfacing Projects.**  
**City of De Pere**  
**Date: 12/19/2018**

**Storm Sewer Manhole**

| Project                                       | Bid Item | Bid Item Description                         | Unit | Quantity | Cost     | Total        | Comment |
|-----------------------------------------------|----------|----------------------------------------------|------|----------|----------|--------------|---------|
| 16-02                                         | ST-20    | Remove and Replace 4' Diameter Storm Manhole | VF   | 73.74    | \$275.00 | \$20,278.50  |         |
| 16-07                                         | ST-07    | Remove and Replace 4' Diameter Storm Manhole | VF   | 24.96    | \$490.00 | \$12,230.40  |         |
| 17-01                                         | ST-10    | Remove and Replace 4' Diameter Storm Manhole | VF   | 26.80    | \$365.00 | \$9,782.00   |         |
| 17-01                                         | ST-12    | Provide 4' Diameter Storm Manhole            | VF   | 31.40    | \$350.00 | \$10,990.00  |         |
| 17-02                                         | ST-12    | Provide 4' Diameter Storm Manhole            | VF   | 96.20    | \$310.00 | \$29,822.00  |         |
| 17-07                                         | ST-06    | Remove and Replace 4' Diameter Storm Manhole | VF   | 4.10     | \$600.00 | \$2,460.00   |         |
| 18-01                                         | ST-13    | Provide 4' Diameter Storm Manhole            | VF   | 32.48    | \$507.00 | \$16,467.36  |         |
| 18-01                                         | ST-16    | Remove and Replace 4' Diameter Storm Manhole | VF   | 5.20     | \$450.00 | \$2,340.00   |         |
| 18-02                                         | ST-18    | Provide 4' Diameter Storm Manhole            | VF   | 91.23    | \$401.41 | \$36,620.63  |         |
| 18-11                                         | ST-09    | Remove and Replace 4' Diameter Storm Manhole | VF   | 3.80     | \$435.00 | \$1,653.00   |         |
| 18-11                                         | ST-10    | Provide 4' Diameter Storm Manhole            | VF   | 11.90    | \$365.00 | \$4,343.50   |         |
| Total                                         |          |                                              |      | 401.81   |          | \$146,987.39 |         |
| Cost Per Foot                                 |          |                                              |      |          |          | \$365.81     |         |
| Cost for a 5 foot Deep Manhole                |          |                                              |      |          |          | \$1,829.05   |         |
| Average Per Foot Cost with a 300 Foot Spacing |          |                                              |      |          |          | \$6.10       |         |

**Schedule C**  
**2019 Storm Sewer Cost Evaluation - Existing Development Other Than Residential up to**  
**Two Units per Building**  
**Summary Based on 2016-2018 Asphalt Reconstruction and Resurfacing Projects.**  
**City of De Pere**  
**Date: 12/19/2018**

**Storm Mainline Cost**

| Item Description                              | Cost Per LF   | Comment                                     |
|-----------------------------------------------|---------------|---------------------------------------------|
| 18" Storm Sewer Main                          | \$54.09       | 300 foot spacing with a 5' depth            |
| 4' Diameter Storm Manhole                     | \$6.10        |                                             |
| Mainline Cost Per Street Foot                 | \$60.19       | Remaining 80% funded by Storm Water Utility |
| Cost Per Side of Street                       | \$30.10       |                                             |
| Assessable Amount (20%)                       | \$6.02        |                                             |
| Engineering and Administration (20%)          | \$1.20        |                                             |
| <b>Total Mainline Cost Per Front Lot Foot</b> | <b>\$7.22</b> |                                             |

**Storm Lateral Cost**

| Item Description                     | Cost Per EA       | Comment                 |
|--------------------------------------|-------------------|-------------------------|
| 6" Storm Lateral                     | \$1,361.50        | 35 foot average length. |
| Storm Wye Cost                       | \$182.00          |                         |
| Assessable Amount (100%)             | \$1,543.50        |                         |
| Engineering and Administration (20%) | \$308.70          |                         |
| <b>Total Lateral Costs</b>           | <b>\$1,852.20</b> |                         |

**Storm Lateral Cost**

| Item Description                     | Cost Per EA       | Comment                      |
|--------------------------------------|-------------------|------------------------------|
| 8" Storm Lateral                     | \$1,392.30        | 35 foot average length.      |
| Storm Wye Cost (Core)                | \$158.12          | Average of cost to core pipe |
| Assessable Amount (100%)             | \$1,550.42        |                              |
| Engineering and Administration (20%) | \$310.08          |                              |
| <b>Total Lateral Costs</b>           | <b>\$1,860.51</b> |                              |

**Storm Lateral Cost**

| Item Description                     | Cost Per EA       | Comment                      |
|--------------------------------------|-------------------|------------------------------|
| 12" Storm Lateral                    | \$1,622.60        | 35 foot average length.      |
| Storm Wye Cost (Core)                | \$158.12          | Average of cost to core pipe |
| Assessable Amount (100%)             | \$1,780.72        |                              |
| Engineering and Administration (20%) | \$356.14          |                              |
| <b>Total Lateral Costs</b>           | <b>\$2,136.87</b> |                              |

**2019 Storm Sewer Cost Evaluation - Residential**  
**Summary Based on 2016-2018 Asphalt Reconstruction and Resurfacing Projects.**

**City of De Pere**  
**Date: 12/19/2018**

**Storm Mainline Cost**

| Item Description                     | Cost Per LF     | Comment                                     |
|--------------------------------------|-----------------|---------------------------------------------|
| 12" Storm Sewer Main                 | \$45.51         |                                             |
| 4' Diameter Storm Manhole            | \$6.10          | 300 foot spacing with a 5' depth            |
| Mainline Cost Per Street Foot        | \$51.61         |                                             |
| Cost Per Side of Street              | \$25.81         |                                             |
| Cost Per Lot                         | \$1,548.60      | 60 foot wide lot                            |
| Assessable Amount (20%)              | \$309.72        | Remaining 80% funded by Storm Water Utility |
| Engineering and Administration (20%) | \$61.94         |                                             |
| <b>Total Mainline Costs</b>          | <b>\$371.66</b> |                                             |

**Storm Lateral Cost**

| Item Description                     | Cost Per EA       | Comment                                                            |
|--------------------------------------|-------------------|--------------------------------------------------------------------|
| 6" Storm Lateral                     | \$1,167.00        | 30 foot average length. Some laterals will be connected to inlets. |
| Storm Wye Cost                       | \$183.99          |                                                                    |
| Assessable Amount (100%)             | \$1,350.99        |                                                                    |
| Engineering and Administration (20%) | \$270.20          |                                                                    |
| <b>Total Lateral Costs</b>           | <b>\$1,621.19</b> |                                                                    |

**Total Cost**

|                   |                   |
|-------------------|-------------------|
| Mainline          | \$371.66          |
| Storm Lateral     | \$1,621.19        |
| <b>Total Cost</b> | <b>\$1,992.85</b> |

Attachment: Schedule\_C (8096 : Consider Res #19-01, Final Res Authorizing Levying Spec. Assess. for Storm Sewer Main/Laterals\*)

## SCHEDULE D - SCHEDULE OF FINAL ASSESSMENTS

## PRELIMINARY ASSESSMENTS

## TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - HOCKERS ST. FROM S. ERIE ST. TO TANAGER TR., STAR ST. FROM HOCKERS ST. TO COOK ST., COOK ST. FROM S. ERIE ST. TO ROBIN ST., ROBIN ST. FROM HOCKERS ST. TO MAYFAIR ST., SILVER ST. FROM HOCKERS ST. TO MAYFAIR ST., PARKVIEW RD FROM N ASHLAND AVE TO THE WEST CITY LIMITS, JAMES STREET FROM N. BROADWAY STREET TO N. WISCONSIN STREET

## RESIDENTIAL ASSESSMENT

COST PER UNIT - STORM MAIN: \$371.66  
COST PER UNIT - STORM LATERAL: \$1,621.19

## OTHER ASSESSMENT

COST PER LF - STORM MAIN: \$7.22  
COST PER UNIT - 6-INCH STORM LATERAL: \$1,852.20  
COST PER UNIT - 8-INCH STORM LATERAL: \$1,860.51  
COST PER UNIT - 12-INCH STORM LATERAL: \$2,136.87

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

| PROPERTY OWNER                                                                   | LOT NO.                              | STORM MAIN ASSESSMENT |          | STORM LATERAL ASSESSMENT |            | TOTAL ASSESSMENT | COMMENT                                                           |
|----------------------------------------------------------------------------------|--------------------------------------|-----------------------|----------|--------------------------|------------|------------------|-------------------------------------------------------------------|
|                                                                                  | PROPERTY ADDRESS<br>PARCEL NUMBER    | UNIT                  | COST     | UNIT                     | COST       |                  |                                                                   |
| Parkview Road Reconstruction                                                     |                                      |                       |          |                          |            |                  |                                                                   |
| Michael H Aschenbrenner<br>1605 N Ashland Avenue<br>De Pere, WI 54115-1505       | 1605 N Ashland Avenue<br>WD-63-2     | 1                     | \$371.66 | 1                        | \$1,621.19 | \$1,992.85       |                                                                   |
| James Street Reconstruction                                                      |                                      |                       |          |                          |            |                  |                                                                   |
| Union Hotel Corp.<br>200 N. Broadway Street<br>De Pere, WI 54115-2508            | 200 N. Broadway Street<br>ED-857     | 0                     | \$0.00   | 1                        | \$1,852.20 | \$1,852.20       | Existing Storm Sewer Inlet<br>Abutting Property                   |
| Project 19-01 Sewer and Water Relay and Street Resurfacing                       |                                      |                       |          |                          |            |                  |                                                                   |
| Paul S Laluzerne<br>1026 Bluebird Street<br>De Pere, WI 54115-3116               | 1026 Bluebird Street<br>ED-371-M-106 | 0                     | \$0.00   | 0                        | \$0.00     | \$0.00           | 6-Inch storm lateral present at<br>inlet abutting property.       |
| Brian L & Jennifer L Compton<br>1026 Cardinal Street<br>De Pere, WI 54115-3118   | 1026 Cardinal Street<br>ED-371-M-120 | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm Sewer on Hockers Street<br>and Cardinal Street.             |
| Ephraim D & Jane A Liefke<br>1027 Cardinal Street<br>De Pere, WI 54115-3117      | 1027 Cardinal Street<br>ED-371-M-127 | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm Sewer on Hockers Street                                     |
| Jules L & Beverly C Vangheem<br>1102 Cardinal Street<br>De Pere, WI 54115-4000   | 1102 Cardinal Street<br>ED-124-I-5   | 0                     | \$0.00   | 0                        | \$0.00     | \$0.00           | 4-Inch storm later tapped into<br>storm sewer on Cardinal Street. |
| Judith A Christensen<br>1103 Cardinal Street<br>De Pere, WI 54115-4007           | 1103 Cardinal Street<br>ED-124-I-47  | 0                     | \$0.00   | 0                        | \$0.00     | \$0.00           | 4-Inch storm later tapped into<br>storm sewer on Cardinal Street. |
| Patrick S & Amy S Knuth<br>1306 Cook Street<br>De Pere, WI 54115-3108            | 1306 Cook Street<br>ED-371-M-62      | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm sewer inlet abutting<br>property.                           |
| Richard O & Amy J Cassidy<br>1307 Cook Street<br>De Pere, WI 54115-3107          | 1307 Cook Street<br>ED-371-M-54      | 1                     | \$371.66 | 1                        | \$1,621.19 | \$1,992.85       |                                                                   |
| William H & Jennifer M Puerzer Jr.<br>1310 Cook Street<br>De Pere, WI 54115-3108 | 1310 Cook Street<br>ED-371-M-63      | 1                     | \$371.66 | 1                        | \$1,621.19 | \$1,992.85       |                                                                   |
| Shelly L Hendricks<br>1311 Cook Street<br>De Pere, WI 54115-3107                 | 1311 Cook Street<br>ED-371-M-55      | 1                     | \$371.66 | 1                        | \$1,621.19 | \$1,992.85       |                                                                   |
| Anita L Larson<br>1314 Cook Street<br>De Pere, WI 54115-3108                     | 1314 Cook Street<br>ED-371-M-64      | 1                     | \$371.66 | 1                        | \$1,621.19 | \$1,992.85       |                                                                   |
| Scott M & Ashley Lyman<br>1315 Cook Street<br>De Pere, WI 54115-3107             | 1315 Cook Street<br>ED-371-M-56      | 1                     | \$371.66 | 1                        | \$1,621.19 | \$1,992.85       |                                                                   |
| J Michael & Christina Fitzgerald<br>1318 Cook Street<br>De Pere, WI 54115        | 1318 Cook Street<br>ED-371-M-65      | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm sewer inlet abutting<br>property.                           |
| Timothy J & Kasey L Berceau<br>1319 Cook Street<br>De Pere, WI 54115-3107        | 1319 Cook Street<br>ED-371-M-57      | 1                     | \$371.66 | 1                        | \$1,621.19 | \$1,992.85       |                                                                   |

Attachment: Schedule\_D (8096 : Consider Res #19-01, Final Res Authorizing Levying Spec. Assess. for Storm Sewer Main/Laterals\*)



## SCHEDULE D - SCHEDULE OF FINAL ASSESSMENTS

## PRELIMINARY ASSESSMENTS

## TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - HOCKERS ST. FROM S. ERIE ST. TO TANAGER TR., STAR ST. FROM HOCKERS ST. TO COOK ST., COOK ST. FROM S. ERIE ST. TO ROBIN ST., ROBIN ST. FROM HOCKERS ST. TO MAYFAIR ST., SILVER ST. FROM HOCKERS ST. TO MAYFAIR ST., PARKVIEW RD FROM N ASHLAND AVE TO THE WEST CITY LIMITS, JAMES STREET FROM N. BROADWAY STREET TO N. WISCONSIN STREET

## RESIDENTIAL ASSESSMENT

COST PER UNIT - STORM MAIN: \$371.66  
COST PER UNIT - STORM LATERAL: \$1,621.19

## OTHER ASSESSMENT

COST PER LF - STORM MAIN: \$7.22  
COST PER UNIT - 6-INCH STORM LATERAL: \$1,852.20  
COST PER UNIT - 8-INCH STORM LATERAL: \$1,860.51  
COST PER UNIT - 12-INCH STORM LATERAL: \$2,136.87

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

| PROPERTY OWNER                                                                  | LOT NO.                                  | STORM MAIN ASSESSMENT |          | STORM LATERAL ASSESSMENT |            | TOTAL ASSESSMENT | COMMENT                                               |
|---------------------------------------------------------------------------------|------------------------------------------|-----------------------|----------|--------------------------|------------|------------------|-------------------------------------------------------|
|                                                                                 | PROPERTY ADDRESS<br>PARCEL NUMBER        | UNIT                  | COST     | UNIT                     | COST       |                  |                                                       |
| Project 19-01 Sewer and Water Relay and Street Resurfacing Continued            |                                          |                       |          |                          |            |                  |                                                       |
| Amanda Fruzen<br>1323 Cook Street<br>De Pere, WI 54115-3171                     | 1323 Cook Street<br>ED-371-M-58          | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm Sewer Main on Cook Street.                      |
| Donald J & Mary Jane Van Remortel<br>1326 Cook Street<br>De Pere, WI 54115-3150 | 1326 Cook Street<br>ED-371-M-79          | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm Sewer Main on Cook Street.                      |
| Randy P Maurer<br>1327 Cook Street<br>De Pere, WI 54115-3171                    | 1327 Cook Street<br>ED-371-M-59          | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm Sewer Main on Cook Street.                      |
| Mary J Krautkramer<br>1330 Cook Street<br>De Pere, WI 54115-3150                | 1330 Cook Street<br>ED-371-M-84          | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm Sewer Main on Cook Street.                      |
| Randy L. & Susan I Pallex<br>1115 Sharie Lane<br>Green Bay, WI 54304            | 1421 Cook Street<br>ED-371-M-9           | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm Sewer on Cook Street.                           |
| Joseph P Turner<br>446 S. Fox Croft Drive<br>De Pere, WI 54115                  | 1422 Cook Street<br>ED-371-M-91          | 0                     | \$0.00   | 0                        | \$0.00     | \$0.00           | Storm lateral present in storm sewer on Robin Street. |
| James E McGarity<br>1438 Cook Street<br>De Pere, WI 54115-3120                  | 1438 Cook Street<br>ED-371-M-98          | 0                     | \$0.00   | 0                        | \$0.00     | \$0.00           | Has 4-inch lateral at inlet abutting this property.   |
| Judith L Torphy<br>1450 Cook Street<br>De Pere, WI 54115-3152                   | 1450 Cook Street<br>ED-371-M-105         | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Has storm sewer on Cook Street.                       |
| Brian T & Megan M Reimer<br>1455 Cook Street<br>De Pere, WI 54115-3151          | 1455 Cook Street<br>ED-371-M-21          | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Has storm sewer on Cook Street.                       |
| Alvin J & Sandra A Schroeder<br>931 S. Erie Street<br>De Pere, WI 54115-3235    | 931 S. Erie Street<br>ED-371-M-53        | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm Sewer on S. Erie Street.                        |
| Shane L Smith<br>1019 S. Erie Street<br>De Pere, WI 54115                       | 1019 S. Erie Street<br>ED-371-M-72       | 1                     | \$371.66 | 1                        | \$1,621.19 | \$1,992.85       |                                                       |
| Keith D Dahlke<br>1101-1103 S. Erie Street<br>De Pere, WI 54115                 | 1101-1103 S. Erie Street<br>ED-1128-F-16 | 0                     | \$0.00   | 0                        | \$0.00     | \$0.00           | Connected at inlet on S. Erie Street.                 |
| Brenda L Eisenmann<br>1311 Hockers Street<br>De Pere, WI 54115-3123             | 1311 Hockers Street<br>ED-371-M-73       | 1                     | \$371.66 | 1                        | \$1,621.19 | \$1,992.85       |                                                       |
| Raymond Colazo<br>1318-1320 Hockers Street<br>De Pere, WI 54115-3124            | 1318-1320 Hockers Street<br>ED-124-S-3   | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm Sewer on Hockers Street.                        |
| Jeffrey J & Nicolette M Buboltz<br>2515 Tranquil Lane<br>De Pere, WI 54115      | 1322-1324 Hockers Street<br>ED-124-S-2   | 0                     | \$0.00   | 0                        | \$0.00     | \$0.00           | Multiple taps present on Hockers Street storm sewer.  |
| Steven M Watermolen<br>1311 Cook Street<br>De Pere, WI 54115                    | 1325 Hockers Street<br>ED-371-M-75       | 0                     | \$0.00   | 1                        | \$1,621.19 | \$1,621.19       | Storm Sewer on Hockers Street.                        |

# **SCHEDULE D - SCHEDULE OF FINAL ASSESSMENTS**

## PRELIMINARY ASSESSMENTS

### TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - HOCKERS ST. FROM S. ERIE ST. TO TANAGER TR., STAR ST. FROM HOCKERS ST. TO COOK ST., COOK ST. FROM S. ERIE ST. TO ROBIN ST., ROBIN ST. FROM HOCKERS ST. TO MAYFAIR ST., SILVER ST. FROM HOCKERS ST. TO MAYFAIR ST., PARKVIEW RD FROM N ASHLAND AVE TO THE WEST CITY LIMITS, JAMES STREET FROM N. BROADWAY STREET TO N. WISCONSIN STREET

#### RESIDENTIAL ASSESSMENT

COST PER UNIT - STORM MAIN: **\$371.66**  
COST PER UNIT - STORM LATERAL: **\$1,621.19**

#### OTHER ASSESSMENT

COST PER LF - STORM MAIN: **\$7.22**  
COST PER UNIT - 6-INCH STORM LATERAL: **\$1,852.20**  
COST PER UNIT - 8-INCH STORM LATERAL: **\$1,860.51**  
COST PER UNIT - 12-INCH STORM LATERAL: **\$2,136.87**

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

| PROPERTY OWNER                                                                                                                                     | LOT NO.<br>PROPERTY ADDRESS<br>PARCEL NUMBER | STORM MAIN ASSESSMENT |          | STORM LATERAL<br>ASSESSMENT |            | TOTAL<br>ASSESSMENT | COMMENT                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------|----------|-----------------------------|------------|---------------------|--------------------------------------------------------------|
|                                                                                                                                                    |                                              | UNIT                  | COST     | UNIT                        | COST       |                     |                                                              |
| Project 19-01 Sewer and Water Relay and Street Resurfacing Continued<br>Turner Real Estate LLC<br>446 S. Fox Croft Drive<br>De Pere, WI 54115-2440 | 1326-1328 Hockers Street<br>ED-124-S-1       | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | 4-inch storm lateral tapped into Hockers Street storm sewer. |
| James V Fanlon<br>1331 Hockers Street<br>De Pere, WI 54115-3154                                                                                    | 1331 Hockers Street<br>ED-371-M-80           | 0                     | \$0.00   | 1                           | \$1,621.19 | \$1,621.19          | Storm Sewer on Hockers Street.                               |
| De Pere Housing Authority<br>850 Morning Glory Lane<br>De Pere, WI 54115-1300                                                                      | 1332 Hockers Street<br>ED-1128-6-1-A         | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | 4-inch storm lateral present at inlet on Robin Street.       |
| De Pere Housing Authority<br>850 Morning Glory Lane<br>De Pere, WI 54115-1300                                                                      | 1402-1412 Hockers Street<br>ED-1128-6-1      | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | Multiple taps present on Hockers Street storm sewer.         |
| Robert L Ross<br>1660 Hoffman Road Apt. 156<br>Green Bay, WI 54311                                                                                 | 1439 Hockers Street<br>ED-371-M-92           | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | Has 4-inch lateral at inlet abutting this property.          |
| John H & Cholticha C Linzmeyer<br>1456 Hockers Street<br>De Pere, WI 54115-3191                                                                    | 1456 Hockers Street<br>ED-124-I-2            | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | Has lateral tapped into storm sewer on Hockers Street.       |
| Lisa Pfluger<br>1462 Hockers Street<br>De Pere, WI 54115-3191                                                                                      | 1462 Hockers Street<br>ED-124-I-3            | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | Has lateral tapped into storm sewer on Hockers Street.       |
| Karen Hoff<br>1468 Hockers Street<br>De Pere, WI 54115-3191                                                                                        | 1468 Hockers Street<br>ED-124-I-4            | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | Has lateral tapped into storm sewer on Hockers Street.       |
| Darryll L & Sharon L Hillmann<br>1503 Hockers Street<br>De Pere, WI 54115-3127                                                                     | 1503 Hockers Street<br>ED-371-M-113          | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | 4-inch lateral in inlet on Bluebird Street.                  |
| Bradley J Bishop & Kerri S La Plant<br>1426 Mayfair Street<br>De Pere, WI 54115-3257                                                               | 1426 Mayfair Street<br>ED-371-M-14           | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                              |
| Paul W Wolf<br>1438 Mayfair Street<br>De Pere, WI 54115-3257                                                                                       | 1438 Mayfair Street<br>ED-371-M-20           | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | Has 4-inch lateral at inlet abutting this property.          |
| Bertah J Peterson<br>1440 Mayfair Street<br>De Pere, WI 54115-3258                                                                                 | 1440 Mayfair Street<br>ED-371-M-26           | 0                     | \$0.00   | 1                           | \$1,621.19 | \$1,621.19          | Has storm sewer on Mayfair Street.                           |
| Brent S Meyer<br>902 Robin Street<br>De Pere, WI 54115                                                                                             | 902 Robin Street<br>ED-371-M-52              | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                              |
| Thomas P Lohff & Celest J Nasgovitz<br>906 Robin Street<br>De Pere, WI 54115                                                                       | 906 Robin Street<br>ED-371-M-51              | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                              |
| John M Guthu & Cathy A Arndt<br>907 Robin Street<br>De Pere, WI 54115-3214                                                                         | 907 Robin Street<br>ED-371-M-13              | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                              |
| Joseph J Degreef<br>910 Robin Street<br>De Pere, WI 54115-3215                                                                                     | 910 Robin Street<br>ED-371-M-50              | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                              |

Attachment: Schedule\_D (8096 : Consider Res #19-01, Final Res Authorizing Levying Spec. Assess. for Storm Sewer Main/Laterals\*)

## SCHEDULE D - SCHEDULE OF FINAL ASSESSMENTS

## PRELIMINARY ASSESSMENTS

## TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - HOCKERS ST. FROM S. ERIE ST. TO TANAGER TR., STAR ST. FROM HOCKERS ST. TO COOK ST., COOK ST. FROM S. ERIE ST. TO ROBIN ST., ROBIN ST. FROM HOCKERS ST. TO MAYFAIR ST., SILVER ST. FROM HOCKERS ST. TO MAYFAIR ST., PARKVIEW RD FROM N ASHLAND AVE TO THE WEST CITY LIMITS, JAMES STREET FROM N. BROADWAY STREET TO N. WISCONSIN STREET

## RESIDENTIAL ASSESSMENT

COST PER UNIT - STORM MAIN: \$371.66  
COST PER UNIT - STORM LATERAL: \$1,621.19

## OTHER ASSESSMENT

COST PER LF - STORM MAIN: \$7.22  
COST PER UNIT - 6-INCH STORM LATERAL: \$1,852.20  
COST PER UNIT - 8-INCH STORM LATERAL: \$1,860.51  
COST PER UNIT - 12-INCH STORM LATERAL: \$2,136.87

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

| PROPERTY OWNER                                                                             | LOT NO.<br>PROPERTY ADDRESS<br>PARCEL NUMBER | STORM MAIN ASSESSMENT |          | STORM LATERAL<br>ASSESSMENT |            | TOTAL<br>ASSESSMENT | COMMENT                                                |
|--------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------|----------|-----------------------------|------------|---------------------|--------------------------------------------------------|
|                                                                                            |                                              | UNIT                  | COST     | UNIT                        | COST       |                     |                                                        |
| Project 19-01 Sewer and Water Relay and Street Resurfacing Continued                       |                                              |                       |          |                             |            |                     |                                                        |
| Steven M & Diane M McDonough<br>911 Robin Street<br>De Pere, WI 54115-3214                 | 911 Robin Street<br>ED-371-M-12              | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Jason J & Amy J Reiss<br>914 Robin Street<br>De Pere, WI 54115                             | 914 Robin Street<br>ED-371-M-49              | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Riedi James G & Linda M Revocable Trust<br>915 Robin Street<br>De Pere, WI 54115-3214      | 915 Robin Street<br>ED-371-M-11              | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Elizabeth Hermesen<br>919 Robin Street<br>De Pere, WI 54115-3214                           | 919 Robin Street<br>ED-371-M-10              | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Gary G & Rosemary Hendricks<br>920 Robin Street<br>De Pere, WI 54115-3215                  | 920 Robin Street<br>ED-371-M-48              | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          | 1-inch lateral into inlet abutting property.           |
| Andrew J Baumann<br>922 Robin Street<br>De Pere, WI 54115-3215                             | 922 Robin Street<br>ED-371-M-47              | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Robert R Rupp Kilgore & Dayna J Rupp Kilgore<br>926 Robin Street<br>De Pere, WI 54115-3215 | 926 Robin Street<br>ED-371-M-60              | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              |                                                        |
| Patrick M & Siena H Thornton<br>930 Robin Street<br>De Pere, WI 54115-3215                 | 930 Robin Street<br>ED-371-M-61              | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              |                                                        |
| Douglas H & Phyllis I Boettcher<br>1006 Robin Street<br>De Pere, WI 54115-3131             | 1006 Robin Street<br>ED-371-M-83             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          | 4-inch storm lateral present in inlet on Robin Street. |
| Karvin M Leffel<br>1007 Robin Street<br>De Pere, WI 54115-3130                             | 1007 Robin Street<br>ED-371-M-90             | 0                     | \$0.00   | 1                           | \$1,621.19 | \$1,621.19          |                                                        |
| Matthew W Gonwa<br>1010 Robin Street<br>De Pere, WI 54115-3131                             | 1010 Robin Street<br>ED-371-M-82             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Michael Coppens<br>414 E Walnut Street Suite 142<br>Green Bay, WI 54301                    | 1011 Robin Street<br>ED-371-M-89             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Chad J & Rachael A Nichols<br>1014 Robin Street<br>De Pere, WI 54115-3131                  | 1014 Robin Street<br>ED-371-M-81             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          | Storm Sewer on Robin Street.                           |
| Lynda A Heuvelmans<br>1015 Robin Street<br>De Pere, WI 54115-3130                          | 1015 Robin Street<br>ED-371-M-88             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Suzanne M Gerrits<br>1019 Robin Street<br>De Pere, WI 54115-3130                           | 1019 Robin Street<br>ED-371-M-87             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Martha E Contreras<br>1023 Robin Street<br>De Pere, WI 54115-3130                          | 1023 Robin Street<br>ED-371-M-86             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |

Attachment: Schedule\_D (8096 : Consider Res #19-01, Final Res Authorizing Levying Spec. Assess. for Storm Sewer Main/Laterals\*)



**SCHEDULE D - SCHEDULE OF FINAL ASSESSMENTS**

PRELIMINARY ASSESSMENTS

TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - HOCKERS ST. FROM S. ERIE ST. TO TANAGER TR., STAR ST. FROM HOCKERS ST. TO COOK ST., COOK ST. FROM S. ERIE ST. TO ROBIN ST., ROBIN ST. FROM HOCKERS ST. TO MAYFAIR ST., SILVER ST. FROM HOCKERS ST. TO MAYFAIR ST., PARKVIEW RD FROM N ASHLAND AVE TO THE WEST CITY LIMITS, JAMES STREET FROM N. BROADWAY STREET TO N. WISCONSIN STREET

**RESIDENTIAL ASSESSMENT**

COST PER UNIT - STORM MAIN: **\$371.66**  
COST PER UNIT - STORM LATERAL: **\$1,621.19**

**OTHER ASSESSMENT**

COST PER LF - STORM MAIN: **\$7.22**  
COST PER UNIT - 6-INCH STORM LATERAL: **\$1,852.20**  
COST PER UNIT - 8-INCH STORM LATERAL: **\$1,860.51**  
COST PER UNIT - 12-INCH STORM LATERAL: **\$2,136.87**

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

| PROPERTY OWNER                                                                             | LOT NO.<br>PROPERTY ADDRESS<br>PARCEL NUMBER | STORM MAIN ASSESSMENT |          | STORM LATERAL<br>ASSESSMENT |            | TOTAL<br>ASSESSMENT | COMMENT                                                |
|--------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------|----------|-----------------------------|------------|---------------------|--------------------------------------------------------|
|                                                                                            |                                              | UNIT                  | COST     | UNIT                        | COST       |                     |                                                        |
| Project 19-01 Sewer and Water Relay and Street Resurfacing Continued                       |                                              |                       |          |                             |            |                     |                                                        |
| Shari Ane VanStraten<br>1027 Robin Street<br>De Pere, WI 54115-3130                        | 1027 Robin Street<br>ED-371-M-85             | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | 4-Inch storm lateral present at inlet on Robin Street. |
| Kyle E Kudick<br>906 Silver Street<br>De Pere, WI 54115-3217                               | 906 Silver Street<br>ED-371-M-19             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Kenneth G Gajeski<br>907 Silver Street<br>De Pere, WI 54115-3216                           | 907 Silver Street<br>ED-371-M-25             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Steven K & Kathleen M Feldhausen<br>3046 Inverness Circle<br>New Franken, WI 54229         | 910 Silver Street<br>ED-371-M-18             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Catherine J Dunn Guyette & Joseph P Guyette<br>911 Silver Street<br>De Pere, WI 54115-3216 | 911 Silver Street<br>ED-371-M-24             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Gary E & Kim M Giese<br>914 Silver Street<br>De Pere, WI 54115-3217                        | 914 Silver Street<br>ED-371-M-17             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Raymond J & Kathleen A Kiley<br>915 Silver Street<br>De Pere, WI 54115-3216                | 915 Silver Street<br>ED-371-M-23             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Michelle L Pagel<br>918 Silver Street<br>De Pere, WI 54115-3217                            | 918 Silver Street<br>ED-371-M-16             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Scott E & Rene A Glinski<br>919 Silver Street<br>De Pere, WI 54115-3216                    | 919 Silver Street<br>ED-371-M-22             | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Matthew & Amanda Shaver<br>922 Silver Street<br>De Pere, WI 54115                          | 922 Silver Street<br>ED-371-M-15             | 0                     | \$0.00   | 0                           | \$0.00     | \$0.00              | Has 6-inch lateral at inlet abutting this property.    |
| Brian J Stoller<br>1006 Silver Street<br>De Pere, WI 54115-3139                            | 1006 Silver Street<br>ED-371-M-97            | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Crystal Pranke<br>1007 Silver Street<br>De Pere, WI 54115                                  | 1007 Silver Street<br>ED-371-M-104           | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Anthony C Kozlovsky<br>1010 Silver Street<br>De Pere, WI 54115-3139                        | 1010 Silver Street<br>ED-371-M-96-A          | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Thomas S & Michelle M Bohm<br>1011 Silver Street<br>De Pere, WI 54115-3138                 | 1011 Silver Street<br>ED-371-M-103           | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Roy F & Theresa A Fruzen<br>1014 Silver Street<br>De Pere, WI 54115-3139                   | 1014 Silver Street<br>ED-371-M-95            | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |
| Holly A Ross Bairl<br>1015 Silver Street<br>De Pere, WI 54115-3138                         | 1015 Silver Street<br>ED-371-M-102           | 1                     | \$371.66 | 1                           | \$1,621.19 | \$1,992.85          |                                                        |

Attachment: Schedule\_D (8096 : Consider Res #19-01, Final Res Authorizing Levying Spec. Assess. for Storm Sewer Main/Laterals\*)

## SCHEDULE D - SCHEDULE OF FINAL ASSESSMENTS

## PRELIMINARY ASSESSMENTS

TYPE OF IMPROVEMENT: STORM SEWER MAIN AND LATERALS

LOCATIONS - HOCKERS ST. FROM S. ERIE ST. TO TANAGER TR., STAR ST. FROM HOCKERS ST. TO COOK ST., COOK ST. FROM S. ERIE ST. TO ROBIN ST., ROBIN ST. FROM HOCKERS ST. TO MAYFAIR ST., SILVER ST. FROM HOCKERS ST. TO MAYFAIR ST., PARKVIEW RD FROM N ASHLAND AVE TO THE WEST CITY LIMITS, JAMES STREET FROM N. BROADWAY STREET TO N. WISCONSIN STREET

## RESIDENTIAL ASSESSMENT

COST PER UNIT - STORM MAIN: \$371.66  
COST PER UNIT - STORM LATERAL: \$1,621.19

## OTHER ASSESSMENT

COST PER LF - STORM MAIN: \$7.22  
COST PER UNIT - 6-INCH STORM LATERAL: \$1,852.20  
COST PER UNIT - 8-INCH STORM LATERAL: \$1,860.51  
COST PER UNIT - 12-INCH STORM LATERAL: \$2,136.87

NOTE: OTHER IS DEFINED AS PROPERTIES ZONED COMMERCIAL, INDUSTRIAL, OR HAVE A RESIDENTIAL USE GREATER THAN A DUPLEX

| LOT NO.<br>PROPERTY ADDRESS<br>PARCEL NUMBER                                   |                                     | STORM MAIN ASSESSMENT |             | STORM LATERAL<br>ASSESSMENT |              | TOTAL<br>ASSESSMENT | COMMENT                                           |
|--------------------------------------------------------------------------------|-------------------------------------|-----------------------|-------------|-----------------------------|--------------|---------------------|---------------------------------------------------|
| PROPERTY OWNER                                                                 |                                     | UNIT                  | COST        | UNIT                        | COST         |                     |                                                   |
| Project 19-01 Sewer and Water Relay and Street Resurfacing Continued           |                                     |                       |             |                             |              |                     |                                                   |
| James E & Barbara J Brooks<br>1016 Silver Street<br>De Pere, WI 54115-3139     | 1016 Silver Street<br>ED-371-M-94   | 1                     | \$371.66    | 1                           | \$1,621.19   | \$1,992.85          | Storm Sewer on Hockers Street.                    |
| Kenneth J & Janet M Brosig<br>1018 Silver Street<br>De Pere, WI 5415-3139      | 1018 Silver Street<br>ED-371-M-93-A | 1                     | \$371.66    | 1                           | \$1,621.19   | \$1,992.85          |                                                   |
| Patricia M Johnson<br>1019 Silver Street<br>De Pere, WI 54115-3138             | 1019 Silver Street<br>ED-371-M-101  | 1                     | \$371.66    | 1                           | \$1,621.19   | \$1,992.85          |                                                   |
| Tim & Laurel Bossard<br>225 W Mission Road<br>Green Bay, WI 54301              | 1022 Silver Street<br>ED-371-M-93   | 1                     | \$371.66    | 1                           | \$1,621.19   | \$1,992.85          |                                                   |
| Matthew J Daanen<br>1023 Silver Street<br>De Pere, WI 54115-3138               | 1023 Silver Street<br>ED-371-M-100  | 1                     | \$371.66    | 1                           | \$1,621.19   | \$1,992.85          |                                                   |
| Wayne R & Debbie A Trinkner<br>1027 Silver Street<br>De Pere, WI 54115-3138    | 1027 Silver Street<br>ED-371-M-99   | 0                     | \$0.00      | 1                           | \$1,621.19   | \$1,621.19          |                                                   |
| Robert J & Barbara E Peeters Jr.<br>1009 Star Street<br>De Pere, WI 54115-3140 | 1009 Star Street<br>ED-371-M-78     | 1                     | \$371.66    | 1                           | \$1,621.19   | \$1,992.85          |                                                   |
| Michael T Anderson<br>1010 Star Street<br>De Pere, WI 54115-3141               | 1010 Star Street<br>ED-371-M-67     | 1                     | \$371.66    | 1                           | \$1,621.19   | \$1,992.85          |                                                   |
| Thomas H Bonfigt<br>1013 Star Street<br>De Pere, WI 54115-3140                 | 1013 Star Street<br>ED-371-M-77     | 1                     | \$371.66    | 1                           | \$1,621.19   | \$1,992.85          |                                                   |
| Kevin M & Cynthia S Clarksen<br>1016 Star Street<br>De Pere, WI 54115-3141     | 1016 Star Street<br>ED-371-M-71     | 1                     | \$371.66    | 1                           | \$1,621.19   | \$1,992.85          |                                                   |
| Ronald J Secor<br>1017 Star Street<br>De Pere, WI 54115-3140                   | 1017 Star Street<br>ED-371-M-76     | 1                     | \$371.66    | 1                           | \$1,621.19   | \$1,992.85          | 6-Inch Lateral Connected at inlet on Star Street. |
| Chevalier Joint Revocable Trust<br>631 Knoll Terrace<br>De Pere, WI 54115      | 1020 Star Street<br>ED-371-M-74     | 0                     | \$0.00      | 0                           | \$0.00       | \$0.00              |                                                   |
|                                                                                | TOTAL                               | 51                    | \$18,954.66 | 70                          | \$113,714.31 | \$132,668.97        |                                                   |



# PROJECT 19-01 STORM SEWER ASSESSMENT MAP PARKVIEW ROAD

ASSESSMENT  
AREA

PARKVIEW ROAD

## Legend

-  Joined Parcel
-  Sanitary Manhole
-  Storm Manhole
-  Storm Catch Basin
-  Sanitary Gravity Main
-  Collectors
-  Culvert
-  Open Channel

 1 inch = 60 feet



Engineering Division  
925 S. 6Th St.  
De Pere, WI 54115  
Office: 920-339-4061  
Fax: 920-339-4071

Sewer and  
Water Relay

Project:  
19-01

03-2018  
By: SRL



# PROJECT 19-04 STORM SEWER ASSESSMENT MAP JAMES STREET

BROADWAY ST

ASSESSMENT  
AREA



12 inch Concrete

12 inch Concrete

10 inch PVC

JAMES STREET

## Legend

- JoinedParcel
- Sanitary Manhole
- Storm Manhole
- Storm Catch Basin
- Sanitary Gravity Main
- Collectors
- Culvert
- Open Channel

1 inch = 60 feet



Engineering Division  
925 S. 6TH ST.  
De Pere, WI 54115  
Office: 920-339-4061  
Fax: 920-339-4071

James Street  
Reconstruction

Project:  
19-04

03-2018  
By: SRL



# PROJECT 19-01 STORM SEWER ASSESSMENT MAP COOK ST, HOCKERS ST, STAR ST ROBIN ST, SILVER ST

ASSESSMENT  
AREAS







## City of De Pere, Wisconsin

### Request For Board of Public Works Action

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**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Engineering

**FROM:** Eric Rakers

**SUBJECT:** Consider Preliminary Resolution for Special Assessment for Sanitary Sewer System, Parkview Road from Ashwaubenon Creek to Ashland Avenue\*

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#### ATTACHMENTS:

- CI - BOPW-Project 19-01\_Sanitary\_Sewer\_Preliminary\_Resolution-2019-04-08 (DOCX)
- Res#19-Special\_Assessments\_Parkview Sanitary (DOCX)
- CI\_CALC\_Schedule\_B\_&\_C\_Sanitary\_Sewer\_Parkview\_RD\_4-3-2019 (PDF)
- CI\_CALC\_Schedule\_D\_Sanitary\_Sewer\_Parkview\_RD\_4-3-2019 (PDF)
- Parkview Rd Assessment Map Sanitary (PDF)



# City of De Pere

## Public Works Department

## Memo

**To:** Honorable Mayor Walsh  
Members of the Board of Public Works  
**From:** Eric Rakers, P.E., City Engineer  
**Date:** April 8, 2019  
**Subject:** Consider Preliminary Resolution for Special Assessment for Sanitary Sewer System, Parkview Road from Ashwaubenon Creek to Ashland Avenue\*

The Wisconsin Department of Transportation (WisDOT) will be realigning and reconstructing Parkview Road in 2019. The residential property at 1605 Ashland Avenue (WD-63-2) is serviced by a private wastewater treatment system. New sanitary sewer is being extended to service the property prior to the WisDOT project. The sanitary sewer is being assessed per the City Municipal Code as follows:

*Sec. 13-7. - Payment of new construction of public infrastructure.*

*It shall be the policy of the City of De Pere to protect the health, safety and property of its citizens and promote the general welfare through the installation, construction or reconstruction of water distribution facilities and appurtenances; public sanitary sewers and appurtenances; storm sewers and appurtenances; public streets including sidewalks, pedestrian malls, landscaping, street lights and associated amenities. In addition to any other method allowed under state law, the costs of public construction of water distribution facilities and appurtenances, sanitary sewers and appurtenances, storm sewers and appurtenances, streets including sidewalks constructed or reconstructed as a part of street improvements and related landscaping and amenities may be charged in whole or in part to the property benefited thereby in accordance with the provisions of Wis. Stats. § 66.0701 and § 66.0703 and as provided in this section. The establishment of special assessments for the aforementioned improvements represents an exercise of the police power of the City of De Pere.*

*(2) Assessable improvements. Assessable improvements are public infrastructure, street construction and sidewalk construction improvements which confer special upon abutting property. Public infrastructure includes water, storm sewer and sanitary sewer but does not include sewer capacity charges from a metropolitan sewerage district. Assessable improvements include:*

- b. New utility construction to an existing and/or developed parcel such as water main, sanitary sewer, or storm sewer.*
- c. New or additional laterals to an existing lot.*

The preliminary resolution with Schedules B, C, and D, for the sanitary sewer construction costs are attached.

1605 Ashland Avenue is the only property being assessed by the project as the other properties are either connected to the sanitary sewer or not developable.

The staff recommendation is to approve the preliminary resolution to the Common Council to schedule a Public Hearing with the following addition:

- 10-year payback period for these assessments for 1605 Ashland Avenue (WD-63-2).

**ATTACHMENTS:**

- Resolution #19 – Parkview Road Sanitary Sewer (PDF)
- Special Assessment Boundary Map (PDF)
- Schedule B, C, & D Sanitary Sewer (PDF)

## RESOLUTION #19-

PRELIMINARY RESOLUTION DECLARING INTENTION TO EXERCISE  
SPECIAL ASSESSMENT POWERS UNDER SECTION 66.0703, WIS. STATS.  
SANITARY SEWER SYSTEM ON PARKVIEW ROAD FROM ASHWAUBENON CREEK TO  
ASHLAND AVENUE

BE IT HEREBY RESOLVED, by the Common Council of the City of De Pere, Wisconsin, as follows:

1. That the Common Council hereby declares its intention to exercise its police powers and levy special assessments pursuant to Section 66.0703, Wis. Stats., for improvements constructed within the area described below and special assessments to be levied on a reasonable basis upon the properties benefited thereby. Said improvements to include sanitary sewer system construction. Said improvements shall be constructed and the properties benefiting there from are contained in the following described areas or abutting streets:

**SANITARY SEWER SYSTEM – PARKVIEW ROAD**

North side of Parkview Road from Ashwaubenon Creek to Parkview Road

2. The total assessed against such districts shall not exceed the total cost of the improvements. The sanitary sewer system shall be assessed against developable or developed parcels that do not currently have public sanitary sewer. The Common Council determines that such improvements shall be installed and assessed therefore levied under the police power and that the amount assessed against each benefited parcel shall be based on the linear foot of frontage.

3. The assessments against any parcel shall be paid as follows:
  - (a) No interest imputed if payment of assessment made in full within 30 days of invoice;
  - (b) Payment shall be in BLANK (To be determined by the Board) yearly installments once the assessment is due, together with interest on the unpaid balance thereon at the rate of one percent over the interest rate paid by the city on its latest bonding issue, with payment in full due upon transfer of the property;
  - (c) Upon transfer of ownership of any parcel or part of a parcel against which assessments are levied. If title to part of such parcel is transferred, only such assessments that are attributable to part transferred shall become due and payable upon transfer.
  
4. The Director of Public Works is directed to prepare a report incorporating the recommendation of the Board of Public Works consisting of:
  - (a) Preliminary plans and specifications for said improvements;
  - (b) An estimate of the entire cost of the proposed improvements;
  - (c) A schedule of the proposed assessments;
  - (d) A statement that the property against which the assessments are proposed is benefited.

After compiling such report, the Director of Public Works is directed to file a copy thereof in the City Clerk-Treasurer's office for public inspection.

5. Upon receiving the report of the Board of Public Works, the Clerk-Treasurer is directed to give a Class I notice of public hearing on such report as specified in Section 66.60, Wis. Stats. The hearing shall be held in the Common Council Chambers of the City Hall at a time set by the Clerk-Treasurer in accordance with the



aforementioned statutory provision.

Adopted by the Common Council of the City of De Pere, Wisconsin, this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

APPROVED:

\_\_\_\_\_  
Michael J. Walsh, Mayor

ATTEST:

\_\_\_\_\_  
Carey Danen, Clerk-Treasurer

Ayes: \_\_\_\_\_

Nays: \_\_\_\_\_

**SCHEDULE B**  
**ESTIMATE OF COST OF PROPOSED IMPROVEMENTS**  
**SANITARY SEWER FOR PARKVIEW ROAD**  
**April 3, 2019**

**SANITARY SEWER MAIN**

**NOTE: INCLUDES A 5% CONTINGENCY**

| No.                                               | Item                                              | Total Quantity | Unit Cost | Total Cost      | Assessable      |
|---------------------------------------------------|---------------------------------------------------|----------------|-----------|-----------------|-----------------|
| SS-01                                             | Provide 8" PVC Sanitary Sewer (Natural Backfill)  | 100            | \$40 LF   | \$4,000         | \$4,000         |
| SS-02                                             | Provide 8" PVC Sanitary Sewer (Granular Backfill) | 250            | \$78 LF   | \$19,500        | \$19,500        |
| SS-09                                             | Provide 4' Diameter Sanitary Sewer Manhole        | 20             | \$305 VF  | \$6,100         | \$6,100         |
| <b>Sub-Total</b>                                  |                                                   |                |           | \$29,600        | \$29,600        |
| Technical, Legal, Administration, and Contingency |                                                   |                |           | \$7,400         | \$7,400         |
| <b>Total Estimated Cost</b>                       |                                                   |                |           | <b>\$37,000</b> | <b>\$37,000</b> |
| <b>Total Estimated Project Cost</b>               |                                                   |                |           | <b>\$37,000</b> |                 |

**SANITARY SEWER LATERAL - Single Family**

| No.                                               | Item                                  | Total Quantity | Unit Cost | Total Cost     | Assessable     |
|---------------------------------------------------|---------------------------------------|----------------|-----------|----------------|----------------|
| SS-04                                             | Provide 4" PVC Sanitary Sewer Lateral | 35             | \$30 LF   | \$1,050        | \$1,050        |
| SS-05                                             | Provide 8"x4" Sanitary Wye            | 1              | \$50 EA   | \$50           | \$50           |
| <b>Sub-Total</b>                                  |                                       |                |           | \$1,100        | \$1,100        |
| Technical, Legal, Administration, and Contingency |                                       |                |           | \$275          | \$275          |
| <b>Total Estimated Cost</b>                       |                                       |                |           | <b>\$1,375</b> | <b>\$1,375</b> |
| <b>Total Estimated Project Cost</b>               |                                       |                |           | <b>\$1,375</b> |                |

**SCHEDULE C**  
**PROPOSED ASSESSMENT RATES**  
**SANITARY SEWER FOR RYAN ROAD**

**ASSESSMENT RATE CALCULATION**

| Improvement                             | Unit Type | Number of Units | Total Cost (Assessable) |            |
|-----------------------------------------|-----------|-----------------|-------------------------|------------|
| Sanitary Sewer Main                     | LF        | 755.14          | \$37,000                | \$49.00    |
| Sanitary Sewer Laterals - Single Family | Each      | 1               | \$1,375                 | \$1,375.00 |

**PROBABLE PROJECT FINANCING**

| Description                                           | Units     | Cost/ Unit | Total           |
|-------------------------------------------------------|-----------|------------|-----------------|
| (1) Sanitary Sewer Main Assessment                    | 755.14 LF | \$49.00    | \$37,000        |
| (2) Sanitary Sewer Lateral Assessment - Single Family | 1 EA      | \$1,375.00 | \$1,375         |
| <b>Total Estimated Project Cost</b>                   |           |            | <b>\$38,375</b> |

**SCHEDULE D - SCHEDULE OF PROPOSED ASSESSMENTS**

PRELIMINARY ASSESSMENTS

APRIL 3, 2019

SANITARY SEWER IMPROVEMENTS

LOCATION - PARKVIEW ROAD

|                                                        |            |    |
|--------------------------------------------------------|------------|----|
| COST PER LINEAR FOOT - SANITARY SEWER MAIN             | \$49.00    | LF |
| COST PER UNIT - SANITARY SEWER LATERAL - SINGLE FAMILY | \$1,375.00 | EA |

| LOT NO.<br>PROPERTY ADDRESS      UNIT<br>PARCEL NUMBER      (LF)<br><br>PROPERTY OWNER |  |  | SANITARY SEWER SYSTEM |            |                            |                        | TOTAL<br>ASSESSMENT                  |
|----------------------------------------------------------------------------------------|--|--|-----------------------|------------|----------------------------|------------------------|--------------------------------------|
|                                                                                        |  |  | MAIN                  |            | LATERAL - SINGLE<br>FAMILY |                        |                                      |
|                                                                                        |  |  | UNIT                  | COST       | UNIT                       | COST                   |                                      |
| MICHAEL H ASCHENBRENNER<br>1605 N ASHLAND AV<br>DE PERE WI 54115-1505                  |  |  | 136                   | \$6,664.00 | 1                          | \$1,375.00             | \$8,039.00                           |
|                                                                                        |  |  | TOTAL                 |            | 136                        | 136.00      \$6,664.00 | 1.00      \$1,375.00      \$8,039.00 |

**Notes**

1. Parcel WD-63-1 has been determined to be undevelopable. (100 feet of frontage)
2. Parcel WD-68-1 (1535 N. Ashland Avenue) has an existing sanitary sewer service. It is a corner lot and has both frontages reduced by 60 feet pursuant to City of De Pere Municipal Code 13-7. (410.78 feet of frontage reduced to 290.78 feet of assessable frontage)
3. Frontage along the Ashwaubenon Creek is undevelopable (228.36 feet of frontage)



# PROJECT 19-01 SANITARY SEWER ASSESSMENT MAP PARKVIEW ROAD

ASSESSMENT  
AREA

PARKVIEW ROAD

## Legend

-  Joined Parcel
-  Sanitary Manhole
-  Storm Manhole
-  Storm Catch Basin
-  Sanitary Gravity Main
-  Collectors
-  Culvert
-  Open Channel



1 inch = 60 feet



Engineering Division  
925 S. 6TH ST.  
De Pere, WI 54115  
Office: 920-339-4061  
Fax: 920-339-4071

Sewer and  
Water Relay

Project:  
19-01

03-2018  
By: SRL

Packet Pg. 47

Attachment: Parkview Rd Assessment Map Sanitary (8097 : Consider Preliminary Res for Spec Assess for San Sewer, Parkview Rd from





City of De Pere, Wisconsin

**Request For Board of Public Works Action**

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**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Engineering

**FROM:** Eric Rakers

**SUBJECT:** Approval of City Engineer Parking and Traffic Recommendations.\*

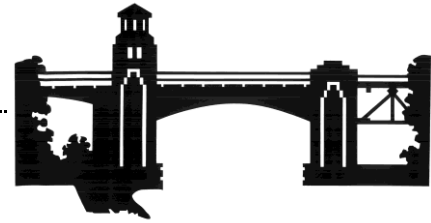
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**ATTACHMENTS:**

- 2019-03-06-CI-BOPW-PTTeam-Recommendations (DOCX)

# CITY OF DE PERE

335 South Broadway  
De Pere, WI 54115  
Fax No.: 920/339-4049  
Web: <http://www.de-pere.org>



## City Engineer Parking and Traffic Recommendations March 6, 2019 Meeting

### Signs – Other

- Request for stop or yield signs on Cook Street at Robin Street in both locations.
  - This installation of the yield sign on Cook Street at Robin Street meets the City policy for Unsignalized Intersections. There is a jog in Cook Street at Robin Street.

#### **Recommendation:**

- Staff recommends the yield sign on Cook Street (east and west) with the ordinance updated as follows:

#### *Yield Right-of-Way Intersections*

*Insert:*

| <i>Traffic On</i>         | <i>Yields At</i>    |
|---------------------------|---------------------|
| <i>Cook Street (West)</i> | <i>Robin Street</i> |
| <i>Cook Street (East)</i> | <i>Robin Street</i> |

- Consider the installation of yield signs on Seventh Street at Reid Street.
  - This is a cross intersection. The southerly leg is a dead end and serves one property.

#### **Recommendation:**

- Staff recommends the yield sign on the north side of the intersection for Seventh Street. Update the ordinance for the existing yield signs as follows:

#### *Yield Right-of-Way Intersections*

*Insert:*

| <i>Traffic On</i>             | <i>Yields At</i>   |
|-------------------------------|--------------------|
| <i>Seventh Street (North)</i> | <i>Reid Street</i> |



City of De Pere, Wisconsin

**Request For Board of Public Works Action**

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**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Engineering

**FROM:** Eric Rakers

**SUBJECT:** Discuss City Engineer Recommendations on No-Action Parking and Traffic Discussion Items.

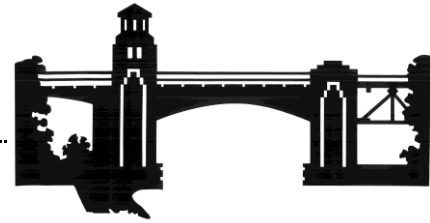
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**ATTACHMENTS:**

- 2019-03-06-CI-BOPW-PTTeam-Discussion (DOCX)
- 7-2018 BOPW Short Term Parking Memo (PDF)
- Short Term Parking Email Feedback 6-2018 (PDF)
- 2019-03-05-Optimist Parking Cook Street (PDF)

# CITY OF DE PERE

335 South Broadway  
De Pere, WI 54115  
Fax No.: 920/339-4049  
Web: <http://www.de-pere.org>



## Discuss City Engineer Recommendations on No Action Parking and Traffic Discussion Items March 6, 2019

### Parking and Parking Lot Items:

1. Request to change the 3 hour parking limit to 2 hours around Nicolet Square. There is concern that St Norbert students are using the parking in the lot and along Reid Street.
  - Staff conducted a survey of area businesses in 2018 to get comments regarding a proposed change in the parking limit from 2 hours to 3 hours. A list of comments received has been attached. Generally, we received more comments for the change to a 3 hour limit than leaving at 2 hours.
  - The change was taken to the Board on July 8<sup>th</sup>, 2018 and approved.
  - Changing parking regulations too frequently results in customer confusion when trying to utilize public parking lots.

**No action. Staff does not recommend a change.**

2. Consider parking lane addition to Pershing Road.
  - There have been parking issues in the area due to a successful business.
  - Pershing Road is only 23 feet from face of curb to face of curb which is not wide enough for parking.
  - The cost estimate for 9 stalls on Pershing Road for \$24,815 (\$2,757).
  - Staff has been monitoring and the problem has subsided.

**No action at this time. If parking in the area becomes an issue, the addition may be included in the budget.**

3. Consider additional parking restrictions on Lois Street. There was concern there is not enough width for a vehicle stopped at Ninth and a vehicle
  - Lois Street is 36 feet wide (face of curb to face of curb). This conforms to the City's policy for parking on both streets. Even with the snow banks, there are 19 feet between vehicles.
  - Currently there are parking restrictions near the intersection of Ninth Street. With these restrictions, there is enough room for a vehicle waiting to turn onto Ninth and for a vehicle to enter Lois from Ninth.





**No action at this time. Staff did not observe a safety issue.**

4. Consider restricting parking on Ninth Street from Grant to Main Avenue. Complaint was mainly geared toward parking near the post office.
  - Ninth Street is 44 feet wide.

**No action.**

5. Consider angle parking on Cook Street at Optimist Park
  - The installation of angle parking on Cook Street will result in a loss of 23 parallel parking stalls and a gain of 36 angle stalls, for a net of 13 stalls
  - The angle stall lot cost is \$85,484 (\$6,576/stall)
  - The average cost of the Optimist Park parking lot stall is estimated to be \$4,000 per stall.

**No action. Staff does not recommend the installation of angle stalls.**

### **Pedestrian and Bicycle Items**

6. Move the crossing guard from Westwood (in front of school) to the intersection of Ninth and Westwood.
  - The curb ramp for the crosswalk was just installed this fall.
  - Pedestrian counts will be performed when the weather improves.

**No action at this time until traffic counts are completed.**

C:\users\bsellenheim\appdata\roaming\iqm2\minutetraq\depercitywi@depercitywi.iqm2.com\work\attachments\14122.docx

Below is a list of future items to be brought to the Board.

1. Long Term Parking Permit process discussion in regards to the Nicolet Square Parking Lot.
  - a. The Nicolet Square parking lot is a heavily used parking lot. There are several stalls designated for long term parking by permit only for employees of businesses. The City currently has no mechanism to assign long term permits and have returned once an employee leaves a business. This could lead to people utilizing long term permits that should not
2. Install RRFB at Broadway and O'Keefe Road.
3. Perform pedestrian counts at Westwood and Ninth with the addition of the new curb ramp.
4. Evaluate if a crossing guard is warranted at Charles and Michigan Street once the crosswalk policy is evaluated.
5. Request to install a yield to pedestrian sign in the center of the road on Lawrence Drive at County Clare Road.

# City of De Pere MEMORANDUM



To: Board of Public Works  
 From: Kimberly Flom, Economic Development & Planning Director  
 Date: July 8, 2018

RE: **Proposed Revisions to Downtown Parking Regulations**  
**Change short-term time length from two hours to three hours**

## Summary

Over the past month, the City has received a number of inquiries and comments from business/property owners about public downtown parking. Like many downtowns, city-owned lots provide the bulk of public parking for the area buildings. In De Pere, City ordinances set regulations for these spaces, designating some as short term (2 hours) and some as long term (overnight, up to 72 hours).

While parking is always a popular topic of discussion, particularly in Downtown areas, the vast majority of recent conversations noted that the current two hour time limit for short term parking does not meet the needs of their business. Several noted that two hours does not provide enough time for them to serve their customers and it also does not encourage a 'park once' strategy in order to encourage walking and stopping at other businesses.

The Parking and Traffic Team discussed short-term parking at their meeting on May 15, 2018 and unanimously agreed to move forward with a proposal to change the two hour time limit to three hours. Staff sent the attached letter describing the change to Downtown business and property owners in late May of 2018.

As of June 29, 2018, the City Development Services Department fielded three phone calls with comments/questions about the parking change. We also received a number of email comments that are attached for review.

## Phone Calls

Mike Hubert – No comment on proposed change. Requested that spaces in front of 310 Wisconsin be changed to 4 hour.

Nancy Van Roy – Opposed proposed change. Would prefer that time limit go back to 1 hour.

Regina Becker – Strong support of proposed change. Her customers have had to move their cars in the middle of visiting Regina's 7 Pillars. Noted that time limit could be longer than 3 hours.

Feedback Summary

Support Proposed Change: 14

Oppose Proposed Change: 4

Neutral or commented on items unrelated to proposed change: 3

Recommendation

Staff requests consideration to change the short-term parking time limit from two hours to three hours. If the Board of Public Works approves this change, a proposed ordinance will be reviewed by the Common Council at the July 17, 2016 meeting.



## Short Term Parking Proposal – Email Feedback

From: Taylor Vogel <sun4taylor@gmail.com> Sent: Fri 06/01/2018 10:56 AM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Short Term Parking

Hi Kimberly,

I have received the letter regarding the short term parking in the city.

I own the tanning salon located at 310 N Wisconsin St. I personally, (along with my employees and other business at this location) feel that the short term parking is something that is helpful in some instances. The short term parking is also a hassle in some instances as well.

My business is the only business that is open until 9pm at night in this small portion of the strip mall. My employees regularly park in the short term parking, because by 9pm (mostly during Spring, Fall and Winter) it is dark out, and they don't want to have to walk across the whole parking lot alone in the dark.

The short term parking isn't helpful at all in the instances of The Seroogies run, or Celebrate De Pere, I actually have to close my business most of the time because the short term parking time limit isn't enforced during those events, and my customers and employees have no where to park.

Myself and the businesses around would love to see something done for the people who work in this building. Maybe a permit or something that allows us to park in the short term parking without having to risk or worry about getting a ticket.

Thank you for your time!

Taylor Vogel

Solar Oasis  
 310 N. Wisconsin St  
 Suite B  
 De Pere, WI 54115  
 920-632-4017

From: Sonny Hennessy <sonny@lifechurchgb.com> Sent: Wed 06/13/2018 3:19 PM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: 2 to 3 hour Parking

I love it! I would encourage it to go to 3 hour. I believe people getting parking tickets will then not be as likely to return to downtown De Pere to shop and eat :(

Sent from Sonny's iPhone (sorry about brevity and typos)

From: news@thepuddleduck.com Sent: Tue 06/12/2018 3:40 PM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: parking

Hi Kim!

Just wanted to send a quick note regarding the 3 hr parking change. I am totally in favor.

Hope all is well!  
 Thanks,  
 Kristy Bohun

The Puddle Duck  
 124 N Broadway  
 De Pere WI 54115

Attachment: Short Term Parking Email Feedback 6-2018 (8099 : Discuss City Engineer Recommendations on No-Action Parking and Traffic

From: Tim Majewski <tim.majewski@mission-financial.com> Sent: Mon 06/18/2018 10:38 AM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Proposed short term parking change

Good morning Kimberly,

Thanks for asking for feedback. My firm is Mission Financial in the old De Pere post office building.

The problem I have run into on occasion is, sometimes my more complex financial planning meetings run longer than two hours. Not only is it disruptive to the meeting, but it's a little embarrassing to tell someone to go out and move their car :-)

I'm a big advocate of downtown De Pere when speaking with my clients. The majority of my clients are from surrounding communities, not from De Pere, so this is a good introduction for them to all that our downtown has to offer. I think this additional short-term parking time is a no-brainer.

Please let me know if you have any questions. Thanks,

Tim

**Timothy A Majewski, President**  
 Financial Planner  
 Mission Financial & Insurance LLC

*Improving your Life, Improving our World.*

416 George Street  
 De Pere, WI 54115  
 920.632.4963  
[tim.majewski@mission-financial.com](mailto:tim.majewski@mission-financial.com)  
[www.mission-financial.com](http://www.mission-financial.com)

From: Kevin Kryshak <kevinkryshak@yahoo.com> Sent: Fri 06/01/2018 11:29 AM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Parking times

Hi Kimberly,

As someone who has tried to maintain parking availability for my customers in East DePere for over 35 years, this proposal for extending parking will be a disaster for me.

Why? I have absolutely no customers who need more than two hours to use my services. What I do have is 10-20 employees of the surrounding buildings who treat the two hour parking as their personal parking spaces. On any given day, 3 to 5 of my available 5 spaces are taken by these people already..

So, your proposal basically is this:

Come to work at 9, park in my 3 hour space.  
 Go to lunch at 12, come back at one and park in my space.  
 The parking authority absolutely never comes back in the afternoon to check for violators, sit in my spaces until 5, Go home.  
 Local apartment dwellers see this is possible, park in any and all remaining spaces day and night.

FRV Inc and Lamp Shade go out of business with zero parking available. Mission accomplished.

You may find with a little research that a lot of the people asking for the 3 hour parking just want to park all day in them themselves. It is dog eat dog over here, I have store owners themselves that should be bright enough to see that hogging the 2 hour spots is bad for all of us parking all day in my two hour spaces anyway.

Sincerely,

**Kevin Kryshak**  
 Sales & Service

**FRV INC**  
 107 South Broadway  
 DePere, WI 54115  
 920-336-1616

From: Lesa Klug <Les.Klug@DarbyDentalSupply.com> Sent: Fri 06/01/2018 12:02 PM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Proposal to Change Short Term Parking from 2 HRS to 3 HRS

Dear Ms. Flom,

As an employee of a Darby Dental Supply at 310 N Wisconsin Street I speak on behalf of our business and 10 employees which find it extremely concerning that we as employees cannot park in our main lot with easy access to our work.

With very few businesses on the north side we see no reason why this lot is deemed short term except for the few spots on the west and north side of the lot.

Many times we find it very difficult to walk across the parking lot during the winter months, putting the employees at danger for slipping, this lot is poorly maintained in the winter.

As a business, we have vendors that come for training from out of state and have received a ticket for parking in the lot, which I feel does not reflect well on the community.

Thanks for allowing our feedback, we hope to see some positive changes.

Lesia L. Klug  
 Sales Manager  
 Darby Dental Supply LLC  
 310 N. Wisconsin St  
 Suite C  
 De Pere, WI 54115  
 tel. 866.309.9471 Ext 1002  
[lesa.klug@darby.com](mailto:lesa.klug@darby.com)

From: Alicia Birder <alicia@birderstudio.org> Sent: Mon 06/04/2018 4:50 PM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: 3 hour parking

Good day Kim,

I welcome the proposal from 2 hour to 3 hour parking.  
 This would be an amazing and appreciated improvement for our patrons as there isn't a show or event that runs less than 2 hours. Typically most gatherings run between 2- 3 hours.

Thank you

Alicia

--

\*Alicia Birder\*

Executive Director, Birder Studio of Performing Arts  
 Artistic Director, Birder Players  
 Broadway Theatre, 123 S. Broadway, De Pere, WI. 54115  
 307 Reid Street, De Pere, WI 54115  
 920-339-9999  
[www.birderstudio.org](http://www.birderstudio.org)  
 BSOPA Core Values - Educate, Inspire Create, Achieve



From: Kimberlee Gast <kimberleegast@yahoo.com>  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Short term parking proposal

Sent: Fri 06/01/2018 12:56 PM

Hi Kim,

I agree and fully support the change of the two hour parking to three hours. Thank you. I look forward to the approval of this.

Have a great hair day!)

Kimberlee Gast  
 K Será Salon  
 118 N Broadway  
 DePere WI 54115  
 920.347.4648  
 Cell: 920.475.5525

From: Lance Abts <labts@landscapeartisans.com>  
 To: Kimberly T. Flom  
 Cc:  
 Subject: timing of short term parking

Sent: Fri 06/01/2018 3:10 PM

Hello Kimberly;

Just a note regarding the proposed short term parking change from 2 hour to 3 hour.

I think this is a great idea, allowing more time to walk and explore our area with all of the new businesses in the area.

Thanks for asking

Lance



*Lance Abts*

Landscape Artisans  
 371 Main Avenue  
 De Pere, WI 54115  
 Office: 920-347-4727  
 Mobile: 920-371-3156

From: Dave Holten <dholten@mbjeng.com>  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Proposal to Change Short Term Parking from 2-hours to 3-hours

Sent: Fri 06/01/2018 12:36 PM

Kimberly,

I just received your letter regarding the proposed changes to parking time limits. As a business owner in downtown De Pere, I would support the proposed change.

My business is located at 125 South Broadway, so I (and my staff) typically use the lot behind our office and along the west side of South Wisconsin Street. There are many "Long-Term" parking spots . . . and I see in your letter that Long-term is limited to 72 hours . . . I was not aware of that limit. We do find that many long-term spots are occupied, sometimes for longer than 72 hours. This lot is quite full during most weekdays, and finding a long-term spot can be difficult for those who work in this area. What might be more helpful to us, is to have "no-overnight" parking rather than "Long-Term". I think that might be a better option for those of us who work in downtown.

Thanks for sending out your letter. I appreciate the opportunity to provide input.

Regards

Dave

David S Holten, PE SE | Managing Principal, Green Bay & Duluth | MEYER BORGMAN JOHNSON | d 920 351 0530 c 920 445 6777 | SEE STRUCTURE.  
[www.mbjeng.com](http://www.mbjeng.com)

From: Brittany Fisher <brittanyf@performainc.com> Sent: Wed 06/06/2018 8:17 AM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Short term Parking

Good Morning Kim,

As an De Pere employee, I am in strong favor of the increased time in short term parking. We often have client meetings that run over 2hrs long and have had to pay multiple parking tickets on their behalf, due to all of the long term parking being taken near our building. I also think that it will be great for downtown foot traffic and will hopefully drive more people to the area to stay and play longer! I am happy to hear that the city has heard people's parking concerns and are considering taking action.

Thank you,

**Brittany Fisher**  
 Project Coordinator



Performa, Inc.  
 124 N. Broadway  
 De Pere, WI 54115  
 920.336.9929 Office

From: Julie Jadin <djadin1@new.rr.com> Sent: Wed 06/06/2018 8:37 PM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Proposal to change short term parking

Dear Kimberly,

I recently received your letter of a proposal to increase the 2 hour short term parking to 3 hours.

My business is Skyline Salon and located next to the new coffee shop. I have been at my location for over a year and a half. I love my location and have never had any issue with the 2 hour parking limit. The addition of the coffee shop, which is awesome for this downtown area has created some parking issues. People generally stay at a coffee shop/restaurant longer than when clients or customers patronize the smaller businesses that are here. If the parking is increased to 3 hours this might be beneficial for one business, but detrimental to another. The 3 hour parking limit will decrease the parking spot turnover and will affect my clients finding parking.

I am so excited this downtown area is growing and want all new and existing businesses to be successful. I hope that more parking spaces can be made available or if possible have designated reserved spots for businesses. This would be ideal for me since I would only need 1 or 2 spots.

Thank you for giving the area businesses the opportunity to express concerns over this proposal.

Sincerely,

Julie Jadin  
 Skyline Salon  
 321 Main Ave Ste B  
 Depere WI. 54115

Sent from my iPhone



From: Chad Nehring <chad@thegreenroomonline.com>  
 To: Kimberly T. Flom  
 Cc: atkrans@gmail.com; tina@definitelydepere.org; mike.eserkaln@gmail.com  
 Subject: Input - Short Term Parking

Sent: Thu 06/07/2018 10:50 AM

Kimberly:

Thanks for your presentation last night at the Definitely DePere meeting. It's encouraging to see the overall direction. I apologize for not taking the time to greet you after the meeting. As the host site, I got caught up in some logistical details and before I knew it....much time had passed.

Thanks for the opportunity to comment on the parking situation, specifically Nicolet Square. Mike Eserkaln and I as co-owners of The Green Room have been more in touch with the situation, since moving to the 365 Main building and to a 7-day operation from 11AM until late.

We had an incident occur several weeks back with a high-profile customer that utilized our facility for corporate training. Several attendees were ticketed for overtime parking (which in the interest of goodwill we ultimately refunded to them) and the overall impression was "This is how the City welcomes people?" It was hard to disagree.

Prior to the event, I had requested "relaxed" parking enforcement from the City for a half day period to accommodate our patrons. As a former law enforcement officer in a smaller city, this was a periodic request, and one that we as police officers would honor in the interest of community relations. While extremely polite about it, my request was denied by police command staff. The reason stated was that enforcement was going to be consistent, fair, and that they were aware of the issues on Nicolet Square, but there was nothing they could do about it. Indeed, a follow up communication with the Police Department and ultimately with the City Attorney reinforced that by telling us we couldn't even pay parking tickets on behalf of our patrons (in the City Attorney's somewhat direct manner - we were "practicing law without a license").

There is no question the addition of some large businesses has changed the parking dynamic downtown, and specifically in Nicolet Square. One business in particular, while a great addition to the west side, has such an abundance of customers that remain in the business for long periods that the availability of short term spaces has been reduced, significantly. While we are supportive of their success, we also have some concerns.

We coach our employees to park in non-restricted areas, and to walk into work. We leave short term parking for the use of downtown customers. Unfortunately, we seem to be in the minority for doing so. Some residential buildings also use short term parking for longer terms (especially on the weekends). Enforcement has went from nearly non existent to high levels, especially in the daytime.

I would have a few suggestions:

**Three Hour Parking:** This to me is a good first step. Three hours would encourage more extended visits downtown, and for most people should be satisfactory.

**500 Block Parking:** It would be helpful to have the lot that is on the corner of Main & 5th be an unrestricted lot. I think many people are discouraged from parking here as the signage would seem to indicate it's a private lot and towing will occur (and that could very well be the case, as I'm not clear either). If this lot were a non-permitted longer than 3 hour lot, we would coach our employees to park there and walk over.

**Temporary Permits:** I'll use our event as an example, and a scenario that is used in other cities: temporary permits. One would need to seek permits and permission PRIOR to the event, and permits are temporary, good for only the day in question, and only in the long term permitted areas. This would cure the occasional issues that we run into when we have a corporate group or extended classes.

**Overnight Parking:** Overnight parking be restricted to long term parking areas only. Those who choose to live downtown unfortunately need to be aware that parking is not always necessarily going to be "at the front door".

We want to be supportive and respectful of our entire downtown community. We need to continue to build the downtown as an end-user friendly location to visit. Some common sense on enforcement and some minor adjustments in rules will go a long way to support this goal.

Please feel free to contact me if I can provide any additional input.

Thanks again for the opportunity to comment,

Chad Nehring, CFP  
 Co-Owner, The Green Room

From: Kevin Osadjan <osadjan@aol.com> Sent: Sat 06/09/2018 11:21 AM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: two hour parking

Hello Kimberly. Gallagher's Pizza is adamantly against increasing the two hour parking limit to three hours. The Nicolet Square parking lot is a mess already. Letting people park there for three hours will only make it worse. The lot was already stressed and then you approved the opening of The Exchange. There needs to be a way to control who moves into the area per their parking requirements. There are only so many spots. Please come down on a busy afternoon and find a spot to park. You will see people circle through the lot twice and then speed off. I don't think increasing the parking limit to three hours is going to make the square or main street more vibrant and pedestrian focused...sounds nice though. It may create more vacant building space as people move out. Kevin Osadjan, Gallagher's Pizza.

From: Matt Lutsey <matt@wasedafarms.com> Sent: Sat 06/09/2018 11:37 AM  
 To: Kimberly T. Flom; Scott Crevier; Dean Raasch; Mike Walsh  
 Cc:  
 Subject: Proposed parking time limit change

Kim, Council, Mayor, and Boards,

In case you are all unaware, THERE IS A HUGE PARKING PROBLEM IN DOWNTOWN WEST DEPERE. Restaurants are losing business right now because when their customers come, there is no parking, and they leave and go somewhere else. One business has told me that their business is down drastically because there is no parking and is considering moving to a location with better parking options. Waseda Farms Market's grocery business died every Friday night at 5pm when the lot filled up.

Yoga classes are one hour. Lunch takes less than one hour. Dinner takes 1-2 hours. Financial planning meetings are done in less than two hours. Nails are done in under 2 hours. I think lengthening the time allowed to park from 2 to 3 hours is a bad idea and bad for most of businesses. It might be good for a coffee shop where there customers sit down for hours but that means it is only good for one business. And how much do they really spend on 2 coffees and a sandwich in 3 hours?

People do not walk around downtown west De Pere. You may want this, but the only real walking around in Downtown west De Pere is from bar to bar. Changing this to longer parking time limits will only make for less parking which means that less people are coming to downtown.

The parking is only enforced one time per day 4-5 days a week. Everyday people over stay the two hour limit and get away with it. Let them keep rolling the dice or go out and move their cars every two hours.

Longer parking time limits that will continue to go unenforced will result in less parking which mean less business. When businesses start leaving the downtown area you will know this idea is not good for everyone.

Fix your real problem and build a parking ramp, then you will have the ability to have a vibrant pedestrian friendly downtown.

Sincerely,

Matt Lutsey  
 Waseda Farms Market and Building Owner

From: Maggie Dame <maggie@damesalonspa.com> Sent: Sat 06/09/2018 4:28 PM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Parking

Hi Kimberly

My name is Maggie Dame and I am the owner of Dame Salon Spa at 620 George Street.

I am absolutely in favor of more 3 hour parking. The two hour parking on George Street has been very difficult for my type of business to manage. We have many guests who are here for spa day treatments, extensions etc.. These appointments last 2+ hours.

Thank you for your attention to the parking issue in De Pere. I am grateful for your efforts.

I have marked the two City Hall meetings in my calendar and hopefully can attend.

Thank you

Maggie Dame



From: Tricia Huguet <georgehugo73@gmail.com> Sent: Wed 06/27/2018 1:45 PM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Infinity Hair Salon, LLC

Hi, I just opened a new business in the Reid Street crossing on April 2, 2018. I feel that the two hour parking limit can be a problem sometimes. Some of our customers have chemical service appointments that are somewhere between 2 to 3 hours long. So having a two hour limit can make some of them very nervous about getting out on time. I would like to see the parking limit be longer. If you have any comments, questions or concerns, please contact me!

Thanks, Tricia Huguet

Tricia H.

From: MaryAlexis <maryalexis@new.rr.com> Sent: Wed 06/27/2018 9:22 AM  
 To: Kimberly T. Flom  
 Cc:  
 Subject: Re: EE Meeting Follow Up

Hi Kim

Thanks for the update! Much appreciated. I understand the need for three hour parking here in Nicolet square and Ron and I are fine with that.

Glad the Cultural district master plan was approved by the plan commission. At this time, we are more supportive of the Irwin school project than creating more business and residential in the downtown on the East side. again, we think that some of the projects happening along the Riverside Drive corridor are going to fill the needs of folks for awhile and would rather see the city put its energy into the Mulva center and the other public projects that enhance the experience for all of DePere.

The facade grant change sounds fine. Does the grant apply to facades that have two fronts? Such as our situation here in Nicolet square? If not, I would add that to the new language as well.

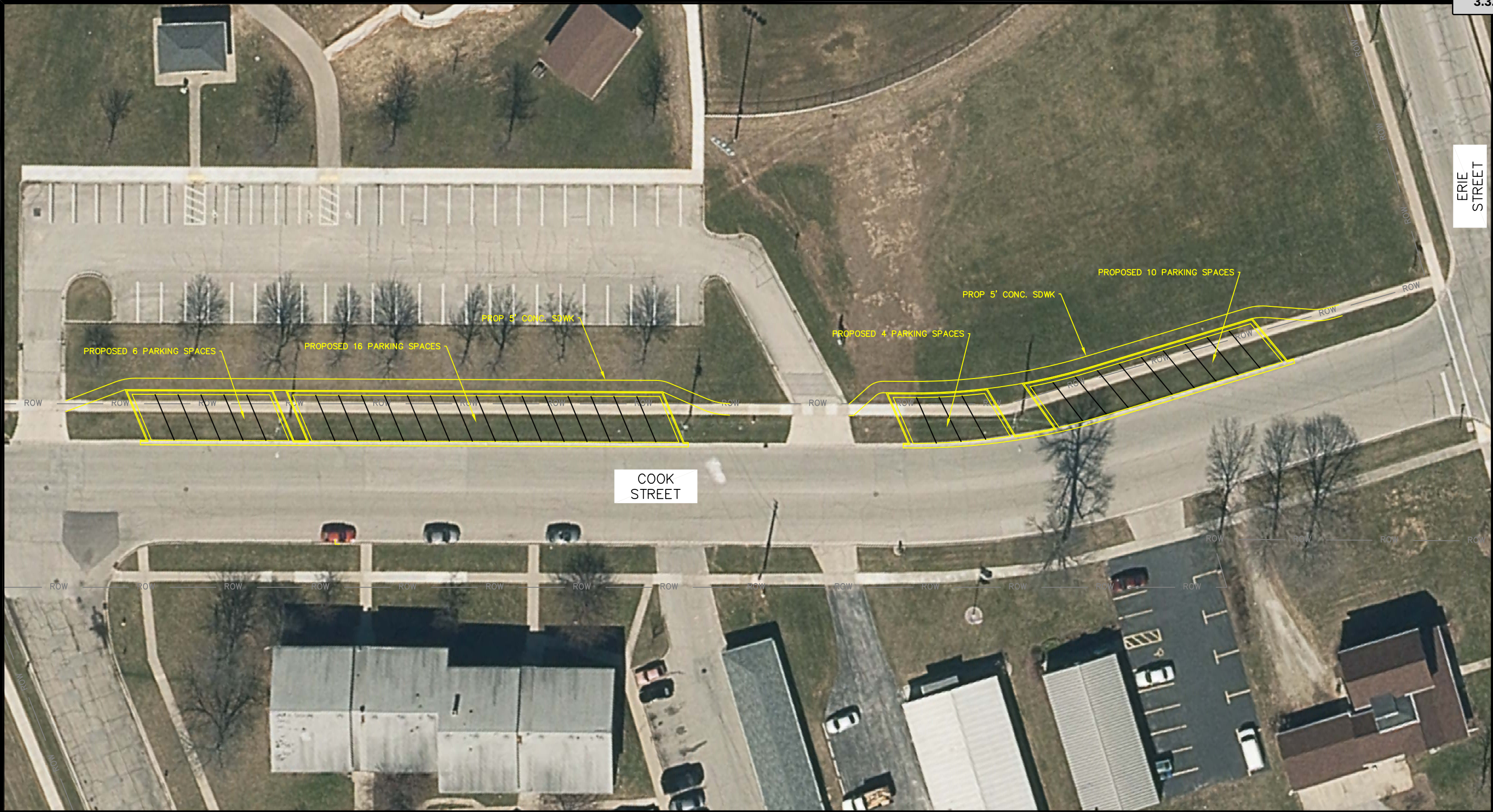
Cheers

And thanks for all you do!

MaryAlexis and Ron  
 345 Main

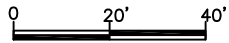
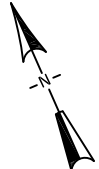
Sent from my iPad





ERIE STREET

COOK STREET



**CITY OF DE PERE**

ENGINEERING DIVISION 925 S. SIXTH ST DE PERE WI 54115  
OFFICE 920-339-4061 FAX 920-339-4071

**OPTIMIST PARK  
PARKING ON COOK STREET**

|                     |          |      |                    |      |    |         |          |
|---------------------|----------|------|--------------------|------|----|---------|----------|
| NAME:<br>EXHIBIT #1 | BY       | DATE | REVISIONS / ISSUES |      |    |         | PAGE NO. |
|                     |          |      | NO.                | DATE | BY | REMARKS |          |
| PROJECT #           | SURVEYED |      |                    |      |    |         |          |
|                     | DRAWN    | SRL  | 9-2018             |      |    |         |          |
|                     | DESIGNED | SRL  | 9-2018             |      |    |         |          |
|                     | CHECKED  | EPR  | 9-2018             |      |    |         |          |





## City of De Pere, Wisconsin

### Request For Board of Public Works Action

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**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Public Works

**FROM:** Scott Thoresen

**SUBJECT:** Consider Heavy Truck Route Revisions Exempting City Vehicles\*

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The police department has been enforcing compliance of the City's heavy truck route ordinance. As part of this enforcement process, the police department has been receiving concerns with the City needing to follow the heavy truck routes as well for the City's operations. The police department notified the public works department regarding these concerns. I discussed these concerns with our City Attorney and City Administrator. It was decided to revise our existing heavy truck route ordinance to exempt the City's operations which is similar to the City of Green Bay. The ordinance revisions is just adding a section (See attached highlighted in yellow) which exempts vehicles owned by federal or state government, school districts or political subdivision thereof when engaged in official functions.

Staff recommends approving the revisions to the heavy truck route ordinance.

#### ATTACHMENTS:

- Heavy Truck Route Revisions - Exempt Govt Vehicles 3-29-19(DOCX)

**Sec. 150-15. - Heavy traffic route.**

(a) *Restriction on use of streets by heavy traffic.* No heavy traffic shall be operated or moved on any highway, street or alley not designated as part of the heavy truck route in subsection (b) of this section, except for the purpose of obtaining orders for supplies or moving or delivering supplies or commodities to or from any place of business or residence which has an entrance on such highway, street or alley. For purposes of this section, the term "heavy traffic" is defined as all vehicles not operating completely on pneumatic tires and all vehicles or combination of vehicles, other than motor buses, designed or used for transporting property of any nature and having a gross weight of 9,500 pounds, except that for purposes of defining "heavy traffic" as the same relates to County Trunk Highway "G" (Chicago Street from east city limits to Webster Avenue and Webster Avenue from Chicago Street to George Street) and also the alley located north of Main Avenue between North Fourth Street and North Fifth Street, the gross weight shall be 19,000 pounds. This subsection shall not prohibit heavy traffic on a route authorized by a parade permit validly issued pursuant to this Code.

(b) *Designated heavy truck route.* The following highways or streets are designated as a heavy traffic route:

- (1) North and South Broadway Street.
- (2) Lawrence Drive from Main Avenue to Fortune Avenue.
- (3) Red Maple Road.
- (4) All county trunk highways within the city's boundaries.
- (5) American Boulevard.
- (6) Fortune Avenue.
- (7) Venture Avenue.
- (8) East Matthew Drive.
- (9) West Matthew Drive.
- (10) Suburban Drive south of Scheuring Road.
- (11) Heritage Road.
- (12) Enterprise Drive, North and South.
- (13) Millennium Drive.
- (14) Commerce Drive.
- (15) O'Keefe Road from Enterprise Drive to County Trunk Highway PP.
- (16) Destiny Drive.
- (17) Profit Place.
- (18) USH 41 Frontage Road from south city limits to Southbridge Road.
- (19) Southbridge Road from USH 41 Frontage Road to American Boulevard.

- (20) Innovation Court.
- (21) Prosper Street.
- (22) All state highways within the city's boundaries.
- (23) Richco Road.

Each of the foregoing streets and highways are subject to the weight limitations for class A highways as set forth in Wis. Stats. ch. 348, when vehicles are being legally operated or moved thereon in accordance with the exception to the prohibition against heavy traffic as set forth in subsection (a) of this section.

(c) *Class B highways designated.* All streets, highways and alleys, except those set forth in subsection (b) of this section, are hereby designated class B highways and subject to the weight limitations imposed by Wis. Stats. § 348.16, when vehicles are operated or moved thereon pursuant to the exception to the prohibition against heavy traffic as set forth in subsection (a) of this section.

(d) *Special or seasonal weight limitations.* Pursuant to the authority of Wis. Stats. § 349.16, the common council hereby designates the director of public works as the officer in charge of maintenance of streets and highways in the city and authorizes such director, when necessary, to impose special weight limitations on any highway or street or its portion within the city which, because of the weakness of the roadbed due to deterioration or climatic conditions or other special or temporary condition, including, but not limited to, damage to street caused by heavy volumes of truck traffic or damage to streets not completely constructed, would likely be seriously damaged or destroyed in the absence of such special limitations. The director of public works shall, upon making determinations to impose special weight limitations in accordance herewith, erect signs on or along the highways or streets on which it is desired to impose the limitation sufficient to give reasonable notice that a special weight limitation is in effect and the nature of that limitation. All weight limitation signs and their erection shall comply with the rules of the state department of transportation.

(e) *Vehicles exempt.* This section shall not apply to vehicles owned by federal or state governments, school districts or political subdivision thereof when engaged in official functions.



## City of De Pere, Wisconsin

### Request For Board of Public Works Action

**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Public Works

**FROM:** Scott Thoresen

**SUBJECT:** Discuss Tree Replacement Policy for Street Construction Projects

Here is a summary of discussion regarding the tree replacement policy for street construction projects:

12/10/18 BOPW Meeting:

The BOPW discussed tree replacement for trees removed in street construction projects. The BOPW reviewed the discussion held by the Board of Parks Commissioners (see attached). The BOPW referred this back to staff to develop a policy.

2/11/19 BOPW Meeting:

Staff presented to the BOPW the City does have a tree policy (See attached Arboricultural Specifications Manual) that regulates and controls the planting, transplanting, removal, maintenance, and protection of public trees and shrubs. Since the City already has a policy, there is no need to create a new policy.

Staff would suggest the City Forester review annually where trees were removed as part of a street construction projects and determine whether the existing policy would allow for another tree to be replanted in the terrace area. If it is determined a tree could be replanted, the City Forester would contact the adjacent property owner and offer them the opportunity to have a tree replanted at no expense to the property owner. The actual costs to replant a tree would be charged to the City's annual street construction program.

The BOPW referred item back to staff to further review.

Staff further discussed this matter and it was decided to add a section in the Arboricultural Specifications Manual that would cover a tree planting policy for street construction projects. The tree planting policy for street construction projects added to the Arboricultural Specifications Manual will need to be approved by the Board of Park Commissioners.

#### ATTACHMENTS:

- Tree Replacement Memo 12-10-18 (PDF)
- Arbor Specs manual - update 1-3-19 (PDF)





# Memorandum

To: Board of Public Works

From: Marty J. Kosobucki, Director of Parks, Recreation and Forestry *MJK*

Re: Paying for street trees lost in construction

Date: December 10, 2018

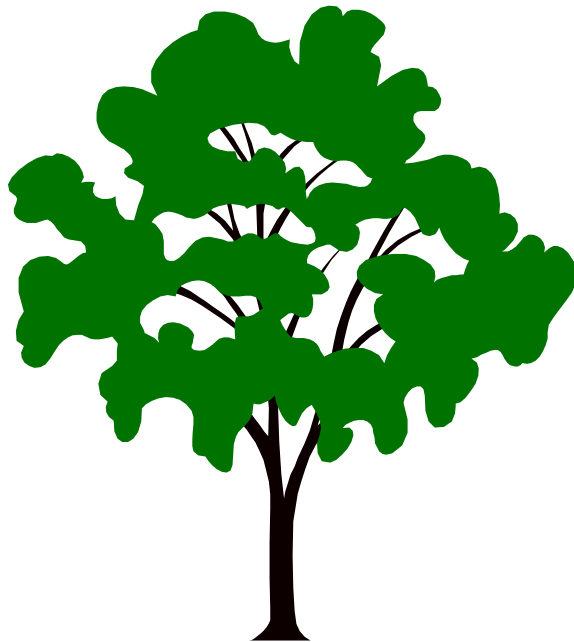
Summary: Recently Alderperson Hansen requested the Board of Park Commissioners consider paying for street trees that are taken down due to City construction projects. The Board of Park Commissioners discussed the topic, and with recommendations from City Administration, is deferring the topic to the Board of Public Works for consideration. The Board of Park Commissioners would like to provide the following input to the Board of Public Works on this matter.

The Park Board agrees that if street trees are taken down due to a City Construction project, the City should consider having the trees replaced under the following criteria.

- The cost of the tree(s) shall be paid for within the City's project cost.
- The City's Forestry Division will be responsible for managing the replanting of the trees.
- Replacement of the tree(s) will be limited to trees only removed at the time of construction.
  - It is possible trees can be impacted by construction and die 6 months (or more) later. Due to the difficulty in analyzing a tree's cause of death we do not recommended replacing trees after the construction project.
- The home owner is asked if they want the trees replaced prior to replanting any trees. (Some home owners do not want trees.) If the home owner requests to not have trees replaced, the City shall honor this request.
- The trees are replaced using the Tree Planting and Specification Manual adopted by the City. (This may lead to some or all trees not able to be replanted.)

# CITY OF DE PERE

## ARBORICULTURAL SPECIFICATIONS MANUAL



**Revised: January 2019**

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## INTRODUCTION

**FUNCTION:** The purpose of the Arboricultural Specifications Manual is to enable the City of De Pere to maintain and manage all trees located within the parkways, along City streets, and within the acres of public parks and recreational land by specifying proper treatments. This involves all phases of arboricultural work from planting to maintenance to removal. To carry out these functions, certain guiding policies and procedures have evolved and been adopted. Through these policies, the Parks, Recreation, and Forestry Department makes every effort to produce maximum public service for the City's urban forest.

**PURPOSE:** The policy of the City is to regulate and control the planting, transplanting, removal, maintenance, and protection of public trees and shrubs in the City in order to maximize utility and function of the urban forest and minimize and guard against dangerous conditions which may result in injury to persons using the streets, alleys, sidewalks, or other property of the City. It is also City policy to promote and enhance the beauty and general welfare of the City, and protect trees and shrubs located in the public areas from undesirable and unsafe planting, removal, treatment, and maintenance practices. (Exceptions - public school sites are not included.)

**ORGANIZATION:** The City's forestry effort is administered and managed by the City Forester of the Parks, Recreation, and Forestry Department. The City Forester maintains an office at the Municipal Service Center located at 925 S. Sixth Street. The Board of Park Commissioners and the Director of Parks, Recreation, and Forestry oversee and provide urban forestry guidance and input.

**PERSONNEL:** The City's forestry effort is supervised and managed by the Director of Parks, Recreation and Forestry and City Forester and is staffed by full-time and seasonal employees or contracted out to professional services. Recruiting and utilizing volunteers is also an important part of staffing.

"This document was funded in part by an urban forestry grant from the State of Wisconsin Department of Natural Resources Forestry Program as authorized under Wis. stat. 23.097."

## I. MASTER STREET TREE PLANTING PLAN

The Master Street Tree Planting Plan covers the street tree planting programs, installation time periods of street tree plantings, planting permits, recommended street tree species selection list, and banned street trees. This document should be referenced for all questions regarding how street tree planting is laid out, paid for, requirements for what trees are allowed and banned from planting in the right-of-way.

### A. Street Tree Planting Programs:

1. Neighborhood Tree Program – This program is to allow property owners the opportunity to have the City plant trees along the street in front of their home or business. This is a cost share program where the owner can purchase a tree(s) thru the City at wholesale cost and the City will plant and maintain the tree for life. The City Forester will select and give property owners a choice of bare root trees in a size range of 1.25" – 1.75" diameter (caliper) at 6" above the ground line. Trees will only be planted where an established lawn exists.
2. Replacement – Trees destroyed by vandalism, vehicles, lawn equipment, etc. may be replaced at a cost to the person causing the damage, if known. If such person is unknown, the adjacent homeowner may request and pay for a new tree if conditions and space allow for a replacement planting. The City Forester, the Director of Parks, Recreation and Forestry or the Board of Park Commissioners may also request a new tree to be planted at no cost to the property owner to replace the lost tree.
3. Unimproved Streets – Trees shall not be planted in the terrace where curbing and/or established lawn area does not exist.
4. Memorial Tree Planting – Individuals or groups may choose to purchase (on their own or through the City), and have planted by the City, a tree to honor someone special. This planting can take place in a park of their choice if space and conditions allow. Planting can occur at various times of the year if weather and species permit.

### B. Installation Time Periods:

1. Street tree plantings will normally take place during two time periods per year. The first plantings will be in the spring, typically mid-April until the end of May. The other planting period occurs in the fall, approximately from Mid-October to early November.
2. Some tree species can only be transplanted in the spring for optimal establishment so these species will only be available once per year.
3. Evergreen trees (not an approved street tree, but may be planted in parks) should only be planted in the spring or summer to ensure establishment prior to freezing weather in the fall. Evergreens continue to transpire throughout winter so they should not be planted after October 1st since optimal establishment would not take place.

- C. Planting Permit: Property owners who wish to plant trees themselves in the City right-of-way must first complete a planting permit application (Appendix A). Upon completion, the City Forester will accept or deny this application following a site inspection and administer a planting permit for such plantings (Appendix B). Planting permit recipients must follow the tree planting procedures as outlined in Section III of these specifications.

- D. Recommended Street Tree Planting List: (Appendix E)

- E. Banned Tree List: (Appendix F)

## II. DIGGERS HOTLINE AND LOCAL UTILITIES

Diggers Hotline and the local utility companies must be notified of all locations before any digging commences including planting, root repair, staking and stump removal. It takes three to ten days for the utilities to locate all facilities. This is required so that no underground utility facilities are damaged. This not only prevents the disruption of service to residents, but it also could prevent a serious accident to employees or property owners.

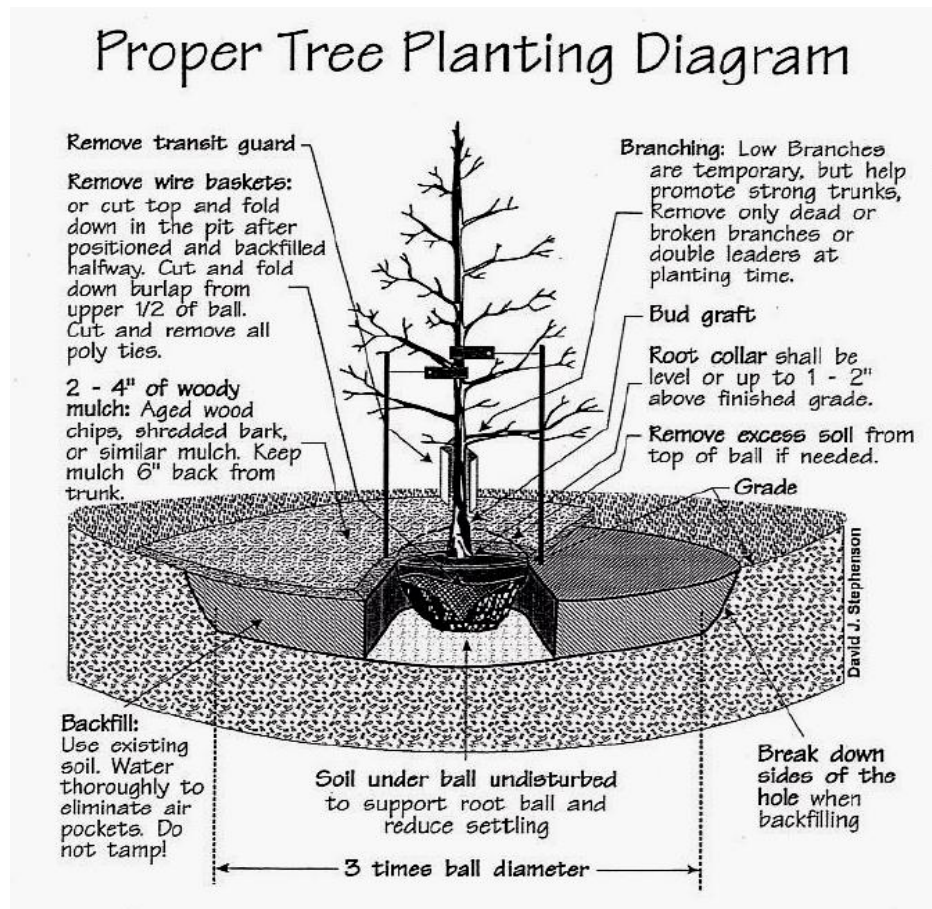
### III. TREE PLANTING STANDARDS

- A. Condition and Recommended Varieties: All trees must be in healthy condition with evidence of vigorous growth during the previous year. Shade trees must have single trunks, with a dominant central leader, which will develop into a desirable crown. Ornamental trees may have multiple leaders, but only in areas of non-street right-of-ways. Varieties must be selected from the recommended tree planting list in Appendix E, unless prior approval is granted from the City Forester.
- B. Diameter of Tree Trunk: All trees planted along public streets must be of sufficient size to absorb the abuse and conditions common to street trees. Unless otherwise permitted for special reasons, the minimum size will be 1 1/4" diameter and may not exceed 3" diameter.
- C. Location: Generally all street trees shall be planted midway between the sidewalk and curb, following all guidelines listed below:
1. 30' in either direction from the street intersection
  2. 20' from a street light
  3. 10' from a driveway or carriage walk
  4. 10' from a fire hydrant
  5. 15' from man holes in terrace
  6. 10' from underground utility valves and t's
  7. 5' from adjacent property lines
  8. 25' from an approaching sign (front of sign)
  9. 10' from a non-approach sign (back side of sign)
- D. Parkway Width: No trees will be planted where the grassy terrace between the sidewalk and curb is less than 3 feet wide.
- E. Planting Depth: The planting depth is determined by root collar. All new plantings should be placed so that the root collar is even with the soil surface or slightly higher, where conditions and species favor the tree being slightly above grade.
- F. Spacing: All small trees will be planted a minimum of 25' apart. Medium trees will be spaced a minimum of 30' - 35' apart and large trees will be spaced a minimum of 35'-40' apart. Greater spacing may be needed depending on each species mature form.
- G. Transplanted Trees: When digging and planting trees bare root, care must be taken to prevent unnecessary injury to roots. All broken roots should be pruned. When digging balled and burlap trees, the following guide should be used to determine the diameter of the ball:

| <u>Tree Diameter</u> | <u>Root Ball Diameter</u> | <u>Approximate Root Ball Weight</u> |
|----------------------|---------------------------|-------------------------------------|
| 1 1/2"               | 22"                       | 270#                                |
| 2"                   | 24"                       | 350#                                |
| 2 1/2"               | 28"                       | 625#                                |
| 3"                   | 32"                       | 850#                                |
| 4"                   | 38"                       | 1250#                               |
| 5"                   | 46"                       | 2500#                               |

H. Tree Planting Procedures:

1. Select the right tree for the right place:
  - a. Carefully review all aspects of the site.
    1. How much physical space is available above ground and below ground? Will the tree you want fit within this space at maturity? Don't plant a tree that will grow to a large size under power lines.
    2. Closely review the soil. Find out about the ability of moisture to drain through the soil. What is the pH?
    3. Consider environmental factors such as exposure to the sun, drying winds, and pollution.
  - b. Choose a tree species that matches, or is adaptable, to the growing conditions you have found during the site analysis.
2. Select a healthy tree from a reputable nursery.
  - a. Avoid plants that have damaged or broken twigs, branches, trunk, and/or roots.
  - b. Is the tree well anchored in the pot or burlap root ball?
  - c. Don't buy plants that look unhealthy and have dried out roots.
3. Plant the tree properly. The following is a diagram of proper installation for a balled and burlapped tree. Potted or bare root trees require similar steps with minor differences.



Wisconsin Dept. Of Natural Resources - Oct. 2000



- a. Prepare the site by digging a hole equal to the depth of the root ball/system and three times as wide. Digging too deeply can cause settling of the root system.
  - b. Find the root collar and plant the tree even or slightly higher than this point.
  - c. Remove at least ½ of the wire basket and burlap from the top part of the ball on balled and burlapped trees. On either balled and burlapped or bare root trees, cleanly prune any torn, jagged or broken roots.
  - d. Use the soil removed from the hole as backfill. As a general rule, you should not add any amendments to the backfill. Discard any rocks, sod, and large objects from the soil before backfilling.
  - e. Water the soil thoroughly to remove air pockets. Don't pack the soil down (water will do this naturally with the help of gravity). Fill in any voids with more soil after watering.
  - f. Create a mulch bed using wood chips that extends approximately 6" from the trunk outward to at least the drip line of the canopy to a depth of 3-4". (Don't pile the woodchips up around the trunk!)
  - g. Stake the tree only if it will not remain upright in a moderate wind.
    - 1. If you must stake, use a soft, wide belt-like material when supporting the tree to avoid injuring the bark.
    - 2. Trees need to move in the wind. Make sure there is some play in the support system to allow the trunk to sway without being uprooted.
    - 3. Check tree following one (1) year and remove stakes if tree is stable.
  - h. Wrapping the trunk is not necessary. If rodent damage is a concern, place a plastic tile tree protector around trunk.
  - i. Prune any broken, dead, or dying limbs without damaging the branch collar at the time of planting. Routine pruning to train branching structure should be started one year after planting. Do not use pruning paint or wound dressing on the pruning cuts.
  - j. Wait until one year after planting to fertilize, if needed.
  - k. Diggers Hotline and the local utility companies must be notified of all locations before any digging occurs.
- I. Additional Care: Additional care should be given to newly planted trees in the following years, including pruning, mulching and fertilizing as needed.

#### IV. MAINTENANCE OF NEWLY PLANTED TREES

- A. Fertilization & Amendments: Fertilization of newly planted trees in the first year is not recommended. Typically a tree can be fertilized once it has become established, usually 2 or 3 years after planting. Fertilization is typically applied in spring or fall. Sulfur may be applied to bring down soil pH and provide an environment for trees to take up of some nutrients that aren't available in some soils. In addition to general fertilization or sulfur treatments, a micronutrient fertilizer may be used to supplement some specific deficiencies.
- B. Mulching: A layer of wood chip mulch around the drip line of the tree will help conserve the soil moisture, help protect the tree from lawn mower damage, and reduce competition from grass for nutrients and moisture. It will also decompose over the years to provide nutrients, organic matter, and to improve soil structure. Mulch should not be piled around the trunk, most specifically known as "mulch volcanoes". A pile of mulch at the base of trees provides a home for small rodents that may chew bark and can cause damage to the trunk. Mulch holds moisture by the trunk promoting fungal problems and it provides protection for insect pests that could cause structural damage. Mulch belongs on the ground, not on trees!
- C. Tree Pruning: No pruning should occur at the time of planting. Pruning at this time will reduce the amount of stored energy that the tree contains and could cause added stress to the tree. The exceptions to this rule are the pruning of any broken, dead, or dying limbs without damaging the branch collar at the time of planting. Routine pruning to train branching structure should be started one year after planting and continue every 3<sup>rd</sup> year for the first 15 years. Do not use pruning paint or wound dressing on the pruning cuts.
- D. Tree Staking: Stake only trees that will not stand in a moderate wind. If staking is required, use soft, wide bands of nylon strap, carpet, or canvas to support the tree. Make sure that the tree has a small amount of room to move. **It is advisable to never use garden hose with wire through it to go around the tree trunk.**
- E. Tree Wrapping: Is not normally necessary and should be avoided.
- F. Tree Guards: Plastic tree guards may be put on for winter protection from rodents. The guards should be removed in early spring to avoid damage to the tree.
- G. Watering: The City waters all trees at the time of planting. Following planting, the City requests that the homeowner water the tree for at least the first three years and in any period of dry weather thereafter. Trees and shrubs require 1" of water per week for optimal growth and maintenance.

## V. PRUNING

**STREET TREE PRUNING PLAN AND POLICY:** The City of De Pere is divided into 10 different management units for management, maintenance, and increased efficiency by reducing crew travel time. To establish an orderly way of pruning street trees for an appearance of uniformity and tree health, a "Rotation Prune Schedule" is in operation.

- A. Training Pruning (Trees up to 15 years of age) – These trees are pruned on a rotation of every three years after planting for the following reasons:
  1. Develop a central leader
  2. Raise the crown
  3. Establish good branch structure
  4. Eliminate poor branch angles
  5. Heading of temporary branches
  6. Remove damaged, dead, or diseased branches
- B. Routine Pruning (Trees older than 15 years old) – Routine pruning of mature trees on a 6 year cycle. With this pruning system, street trees are thoroughly pruned for low hanging branches, deadwood, and clearance of branches overhanging buildings. Class II type pruning will be used in most cases, which is standard pruning. The selective removal of plant parts for specific reasons, such as:
  1. Policy: See Above.
  2. Sanitation: Remove dead, dying, or diseased branches.
  3. Traffic Clearance: Provide for 12' minimum over sidewalks and at least 14' over streets, along with providing a clear line of site to street signs and intersections.
  4. Light Clearance: Remove sufficient branch wood to allow adequate street lighting pattern on pavement.
  5. Tree Structure: Remove interfering branches and those that form weak branch unions. Prune for proper balance around the tree and proper branch spacing to equalize wind resistance and weight.
  6. Storm Damage Repair: Preserve as much of the tree as possible, and train new growth for the future.
  7. Building Clearance: Remove interfering branches extending over buildings, and a minimum of a 10' clearance from buildings.

## VI. PRUNING SPECIFICATIONS

All specifications shall be in accordance with ANSI A300 Standards.

- A. Pruning Cuts
  1. All cuts should be made sufficiently close to the trunk or parent limb without cutting into the branch bark ridge or branch collar so that callus growth can readily start under normal conditions.
  2. Branches too large to support with one hand shall be precut (3 cut method) to avoid tearing or splitting of the bark. (See figure 1)
  3. Removal of dead branches shall have the final cut outside of the collar of live tissue.
  4. All limbs 4" in diameter or larger should be lowered to the ground by proper ropes when hazards are present on the ground.
  5. No more than 1/4 of the foliage on mature trees should be removed within one growing season.
  6. Heading cuts should consist of cutting the parent branch back to a lateral branch at minimum 1/3 the size of the parent limb.
  7. Topping of trees shall not be allowed. Topping consists of cutting a branch between lateral branches or pruning the parent limb to a lateral branch that is less than 1/3 the size of the parent limb.

B. Wound Treatment

1. Pruning paints and wound dressings shall not be used to cover pruning cuts. Research has shown that wound dressings do not improve wound closure and may actually promote disease at site of application. \*The only exceptions to this rule are if oaks or elms need to be pruned in the months of banned activity (as seen in Section IX, DISEASE AND INSECT PROBLEMS); then anything over a 2" cut should be covered with pruning paint to discourage disease-carrying insects. Stumps should also be removed or covered for this same reason.
2. Repairing of bark wounds should only include the removal of loose bark, disturbing as little of the live tissue as possible, and using rounded edges.
3. Tree cavities shall not be filled with concrete, bricks, wire, or any other non-flexible substances. If cavity filling is required, expandable foam should be used.

C. Miscellaneous Specifications

1. Climbing spikes or spurs shall not be used during pruning operations.
2. Vehicle and pedestrian warning devices shall be properly placed prior to any tree work being performed.
3. On thin bark species, just enough limbs are to be removed to obtain necessary results. Sucker growth can result from too much pruning.
4. All girdling roots visible to the eye, where practicable, should be treated with one of the following: Cutting of the root at either end, notching of the root in center with chisel, or removing the root without injury to bark or parent stem.
5. All wires are to be considered as "HOT" or "LIVE"; any branches that are within 10' should not be pruned. All tree workers shall abide by clearance standards outlined in the ANSI Z133.1 Standards. Call the appropriate utility for assistance if necessary. Any branches that accidentally fall against or hang on wires must be removed by the appropriate utility.
6. All cabling, bracing and lightning protection shall be in accordance with ANSI A300 Standards.
7. Chainsaws shall be handled in an appropriate manner and as directed in the newest revision of ANSI Z133.1.

- D. Tree Work Permit: Property owners who wish to remove, maintain or protect trees themselves in the City right-of-way, must first complete a tree work permit application (Appendix C). Upon completion, the City Forester will accept or deny this application following a site inspection and administer a tree work permit (Appendix D). Tree work permit recipients must follow the procedures as outlined in Section VI of these specifications.

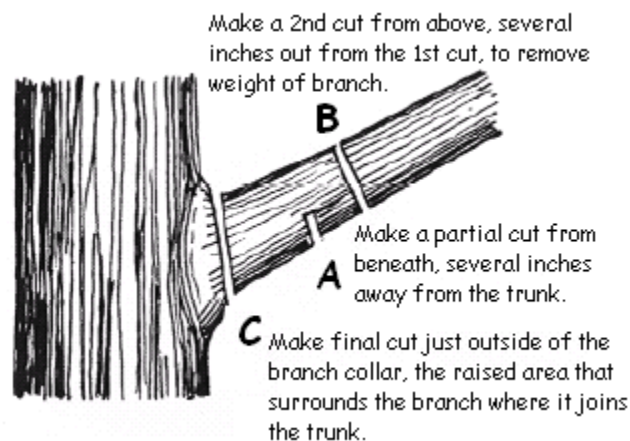


Figure 1

Tree City USA Bulletin #2



## VII. PRUNING OPERATIONS

### A. Section Pruning:

1. The City is divided into 10 management units. Trees will be pruned on the appropriate cycle (3 or 6 year) depending on age. All public trees are to be inspected at the time of pruning and appropriate maintenance will be performed if needed.
2. Vehicle and pedestrian traffic must be adequately warned and controlled during operations.
3. Trees found to be in unsafe condition and/or require major repair or maintenance are to be reported immediately to the City Forester.
4. All residents and pedestrians are to be treated with respect and courtesy at all times, regardless of conditions.
5. At the end of each working day, all limbs, branches, twigs, and debris shall be cleaned up before leaving work area.
6. No equipment shall be left at the work site overnight.
7. Report all unusual situations or conditions to the City Forester.
8. Update tree inventory.

### B. Spot & Request Pruning:

1. Pruning for special purpose: Safety, light clearance, traffic clearance, building clearance, house moving, and construction. These are special assignments and should be handled as such.
2. Whenever possible, contact with adjoining property owner should be made before work is assigned. Exceptions may include pruning for immediate public safety, storm damage or construction.
3. Homeowner requests for pruning will be inspected by the City Forester and appropriate maintenance will be scheduled at earliest available time.

## VIII. TREE PROTECTION

### A. Bridging, Tunneling, Drilling, Etc.: The protection of trees shall involve bridging, tunneling, drilling or boring underneath the existing trees. The surface area directly adjacent to the tree shall not be disturbed under the following guidelines (where DBH = diameter at breast height):

1. 3" DBH trees or less - three feet on either side of tree with a minimum three foot depth
2. 3" to 8" DBH trees - six feet on either side of tree with a minimum three foot depth
3. 8" to 14" DBH trees— eight feet on either side of tree with a three foot minimum depth
4. 14" to 19" DBH trees – ten feet on either side of tree with a three foot minimum depth
5. 19" DBH trees + - fifteen feet on either side of tree with a three foot minimum depth

### B. Depositing Material Near Trees: No person shall place and maintain upon the ground in a public street or right-of-way of the City of De Pere any soil, stone, cement, lumber, or other substance or material which shall impede the free passage of water and air to any tree or shrub without leaving an open space of ground outside of said tree or the base of said shrub of an area as is determined in Section A above. Before depositing any such materials near to trees or shrubs, the person so depositing said material shall place such guards around the trees and shrubs as shall effectively prevent injury to them.

### C. Moving of Buildings: The property owner shall notify the City Forester at least 48 hours in advance of moving any buildings. If any pruning is necessary as the building is being moved or if any plant material is required to be relocated, the City Forester will coordinate the activity and the property owner will incur the costs. Should such pruning or relocating cause the death of such plant material, the property owner shall replace the same at his/her expense.

### D. Root Care: Exposed tree roots shall be covered with backfill as soon as possible following curb and gutter removal. Torn, jagged or broken roots should be cleanly cut with approved root pruning equipment.

E. Sidewalk, Driveway, and Curb and Gutter Removal:

1. Caution should be used during removal to avoid any unnecessary damage to the tree or its root system.
2. Roots requiring removal shall not be cut by means of mechanical root cutting machines. If root removal is essential, roots shall be manually cut with sharp hand implements.
3. Root systems on the sidewalk or driveway side of the tree shall be cut no deeper than 9 inches below the finished grade of the new walk and not more than 4 inches from the edge of the new walk or driveway.
4. Root systems on the curb side shall be cut not more than 4 inches behind the back of the new curb and not more than 21 inches in depth when constructing new curb and gutter.

F. Tree Replacement: The City Forester may remove and replace, at the contractor's expense, any tree(s) and/or shrub(s) that has/have been excessively damaged due to construction activities.

G. Trunks and Lines:

1. At least 48 hours before start of construction, the contractor shall contact the City Forester or engineer to discuss problems with overhanging branches that might be damaged in spite of his/her exercising care in construction.
2. Tree trunks shall be enclosed with wood slats, rubber tires, or snow fence wired in place where contractor's operation may scar the trunk or compact the root zone of the tree. The contractor shall exercise care to assure tree trunks, limbs, and roots are not damaged by its operation.
3. Damage to branches of the trees due to contractor's negligence will be repaired by the City Forestry Division and may be billed to the contractor by the Parks, Recreation, and Forestry Department.

**IX. DISEASE AND INSECT PROBLEMS**

- A. Dutch Elm Disease: Dutch Elm Disease is caused by the fungus *Ceratocystis ulmi* attacking American elms by infecting the water carrying xylem vessels resulting in wilting and eventual death of the tree. Spread of this disease is either via root grafts or from overland spread via sap feeding elm bark beetles. Stopping the spread is virtually impossible; however, sanitation and removal of dead elms to try and prevent the spread where practical can limit or slow the spread of the disease. Wood from infected trees should either be debarked or destroyed to prevent further spread to new areas. Pruning of all American elms is prohibited in the City of De Pere from **April 1 to September 1**.
- B. Gypsy Moth: The gypsy moth is an exotic insect that feeds on leaves of trees and shrubs and can defoliate many species, most especially oaks. The City of De Pere has been monitoring their numbers and has worked with the WDNR to aerial spray *Bacillus thuringiensis kurstaki* (Btk) on high population areas since 2002. This is a cost share program in which the City is reimbursed a portion of the money spent in monitoring and spraying for the gypsy moth. This insect has become established in our area and we will need to continue to monitor and control pockets of higher populations for a long time. The Forestry Division also applies Golden Natural Pest Spray Oil to egg masses on public trees and burlaps those same trees during the caterpillar stage to aid in the control of the gypsy moth.
- C. Oak Wilt: The City of De Pere has an Oak Wilt Policy that imposes a ban on the pruning or wounding of any Oak trees growing within the City limits during the period from **April 1 to September 1**. This ban is necessary to prevent the further spread of Oak Wilt Disease, which can be spread by sap feeding Picnic Beetles.

- D. **Emerald Ash Borer:** The Emerald Ash Borer (EAB) is an exotic beetle from Asia that has become established in a majority of the states east of the Mississippi and causes damage to all ash (*Fraxinus spp.*) trees. The larvae of the EAB feed in the cambium between the bark and the wood, producing galleries that eventually girdle the branches and/or trunk and in effect kill the tree. In July and October of 2016 the City identified our first cases of Emerald Ash Borer in De Pere. Research has shown that if an infestation breaks out within 15 miles of your property you may reasonably choose to treat your trees. There are numerous options available to you – you can treat yourself with various products (if your tree is less than about 47 inches in circumference [i.e., 15 inches in diameter at breast height (DBH)]) or you can have a professional treat your trees (for trees typically over that size). If you choose to do nothing, unfortunately the ash in your yard are likely to succumb to EAB.

## **X. NUISANCE TREES**

- A. **Nuisance Tree Policy:** Governed by the City of De Pere Ordinance Chapter 78, Nuisances.
- B. **Hazardous Tree Policy:** See Section XI. Tree Removal Policy, subsection A. Reason for Removal.

## **XI. TREE REMOVAL POLICY**

- A. **Reason For Removal:**
1. Trees located in the City right-of-way, parks, and other public properties are removed only when they are dead, dying, dangerous or condemned (due to insect, disease, storm damage, or construction). The City Forester will make a determination for removal based on a tree evaluation and/or examination from field crews. The cost of removal will be assumed by the City of De Pere.
  2. The City Forester will determine public trees that must be removed due to street reconstruction and the City of De Pere or that same reconstruction project funding shall assume cost of said removals.
  3. Damage to any public tree that is determined, by the City Forester, to require removal may be assumed by and charged to the individual causing damage, if known.
  4. Property owner requests for the removal of any public tree will be evaluated and a determination made by the City Forester and/or the Parks, Recreation & Forestry Director. The decision can also be appealed to the Board of Park Commissioners at the next regularly scheduled meeting.
  5. The City Forester will determine the removal of any undesirable tree species.
- B. **Safety Standards:** All safety standards shall be in accordance of, but not limited to, ANSI Z133.1 Standards. Proper PPE shall be worn at all times while performing tree work.
- C. **Site:**
1. Check location and description of tree on work order before starting removal.
  2. Vehicle and pedestrian traffic must be adequately warned and controlled prior to and during removal operations according to the Work Zone Safety manual.
  3. If both lanes of traffic are to be closed in the removal operations, the Public Works Director, Police, and Fire & Rescue must be notified prior to work commencing.
  4. Note the locations of overhead power lines, utilities, homeowner obstructions, etc. and avoid or take necessary precautions to work around.
  5. All residents and pedestrians are to be treated with respect and courtesy at all times, regardless of conditions.
- D. **Removal Procedure:**
1. The tree shall be removed using the safest and most efficient arboricultural procedures.
  2. All precautions shall be made to prevent damage to any public or private property. A walk around should be conducted before hand to determine any preexisting conditions, problems

- or concerns. Any damage that occurs should be reported to the City Forester immediately.
- 3. To avoid damage to property below, any limb that cannot be appropriately controlled while being cut off shall have a rope or ropes attached.
- 4. No equipment shall be left at the work site overnight.
- 5. Climbing spikes or spurs may be used **only** during the removal of a tree.

E. Clean Up:

- 1. At the end of each working day, all limbs, branches, twigs, and debris shall be cleaned up before leaving work area.
- 2. Any wood generated from the removal process can be offered to the property owner at the location where the tree is being removed providing:
  - a. The wood is placed off of the right-of-way.
  - b. The City employee is not to perform extra work for said property owner (i.e. cutting wood into firewood size pieces, stacking wood, etc.)
- 3. If the property owner does not want the wood, then any wood remaining shall be hauled to the City of De Pere compost site prior to the end of the following day, unless circumstances dictate removal on that same day. Large, oversized wood will be hauled on the day of the removal. All wood to be transported, unless in an enclosed box, shall be tied or strapped down to prevent movement.
- 4. At no time is wood to be left in the street or right-of-way without safety cones.
- 5. Report all unusual situations or conditions to the City Forester as soon as possible.

## XII. STUMP REMOVAL PROGRAM

The City of De Pere's stump removal program consists of removal of stumps where trees were formally standing on the street right-of-way, in City Parks or on other public property within the City.

- A. Underground Utilities: Diggers Hotline shall be contacted at least 3 days prior to any stump grinding operations.
- B. Stump Removal Operations:
  - 1. This operation will be performed by qualified City of De Pere employees or will be contracted out to a professional service.
  - 2. All precautions shall be made to limit flying debris and damaging private property.
  - 3. All stumps are to be removed completely or to a depth of 18", whichever is reached first.
  - 4. All surface roots and mounded turf shall be ground down to final grade for a 10' radius around the stump.
  - 5. Any stump grindings and holes that are not immediately cleaned up should be barricaded or coned to alert vehicles and pedestrians of a hazardous situation.
- C. Stump Clean Up Operations:
  - 1. All of the debris generated from stump grinding operations located outside of hole and at least ½ of the debris in the hole shall be removed from the site.
  - 2. Topsoil is placed in hole and graded to a finish grade.
  - 3. Initial seeding of the area is to be done by the City and it is the responsibility of the property owner to water and establish the grass in these locations.

## XIII. STREET TREE EVALUATION AND ASSESSMENT PLAN

Street trees are recommended, at a minimum, to have an annual inspection to evaluate their condition regarding public safety. Inspections can often identify repairable problems that left unchecked could lead to tree decline or failure. Inspecting will be accomplished during regular Forestry maintenance operations, during a windshield survey by the City Forester and as a walking survey in areas of increased risk. This will be done on a yearly basis. The documentation will be both a page indicating all City trees were inspected and a list detailing each street that may require closer inspection. The



documentation will be signed and dated by inspecting personnel and supervisor. The age, species, and condition of a tree or trees may deem them necessary to provide more frequent inspections.

#### **XV. INTER DEPARTMENTAL COORDINATION AND COOPERATION**

- A. Due to the complex nature and often conflicting interrelationships between living plants such as trees, shrubs and turf; and public improvements such as streets, sidewalks and underground facilities; it is recognized that there is a need to manage both plants and improvements in a manner that will minimize conflict and maximize the benefits to be realized from each.
- B. Therefore, it is hereby declared to be the intent of the City of De Pere, Wisconsin that there shall exist at all times, a policy of open communication and coordination between the various departments and divisions of city government regarding the management, installation and maintenance of the plants or improvements for which they are each responsible.

Appendix A

# CITY OF DE PERE

## TREE PLANTING PERMIT APPLICATION

As required by Ordinance # 30-8

A planting permit is required before planting any tree within the City Right-of Way. This is the area from the curb to the back of the sidewalk (or where the sidewalk would be). The location of the sidewalk can often be seen in the driveways. If you are unsure please contact the City Forester.

**The City Forester MUST approve tree species and location prior to any planting in the City right-of-way.**

Site Address: \_\_\_\_\_

Name of Applicant: \_\_\_\_\_

Street Address: \_\_\_\_\_

City-State-Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

Estimated date of planting \_\_\_\_\_

Species of tree(s) to be planted (choose from recommended street trees on back page).

Specific location of tree(s) to be planted (i.e. number of feet from property line or driveway, left or right side, etc.) NOTE: Trees shall be planted ½ the distance from the curb to the street side of the sidewalk. No trees will be planted in a terrace that is three feet or less in width.

Number of trees to be planted (using guidelines found in Section III) \_\_\_\_\_

Diameter (caliper) at 6" above the ground line of the tree(s) to be planted. (1.25"–3") \_\_\_\_\_

Signature of Applicant: \_\_\_\_\_ Date \_\_\_\_\_

**PLEASE RETURN TO:**      **CITY OF DE PERE**  
                                          **Attn: City Forester**  
                                          **925 S. Sixth Street**  
                                          **De Pere, WI 54115**

**GUIDELINES:** *(keep for your records)*

- ❖ **There are tree restrictions!** Please see “Recommended and Banned Street Tree Planting Lists”, Appendix E & F in the Standards and Specifications.
- ❖ Trees must be single stem form. No multi-stem specimens will be allowed.
- ❖ Species selection should be based on surrounding space, soil type and microenvironment.
- ❖ Minimum Clearances:
  - 30' in either direction from the street intersection
  - 20' from a streetlight
  - 10' from a driveway or carriage walk
  - 10' from a fire hydrant
  - 15' from manholes in terrace
  - 10' from underground utility valves and t's
  - 5' from adjacent property lines
  - 25' from an approaching sign (front of sign)
  - 10' from a non-approach sign (back side of sign)
- ❖ All trees shall be planted in the center of the terrace, ½ the distance between the curb and the street side of the sidewalk (or where the sidewalk would be).
- ❖ The City Forester will mark the planting location with a wooden stake or a paint mark in the terrace.
- ❖ Minimum caliper size is 1.25” at 6” above the root collar.
- ❖ Trees shall be planted with root collar at grade; contact City Forester for proper tree planting procedures.
- ❖ Trees shall be mulched to a depth of 2 - 4” and a diameter of 5’ with wood mulch following planting. Mulch shall not be mounded around the tree trunk.
- ❖ If trees need to be staked for stability please contact the City Forester.
- ❖ Plastic trunk protectors can be obtained from the City free of charge for street trees.
- ❖ Obtain a “post planting care” informational handout from the City Forester following tree planting.
- ❖ Trees become the property of the City of De Pere following planting and will be maintained by the City for the life of the tree.

**Before you dig please call  
Diggers Hotline 1-800-242-8511**

Appendix B

# CITY OF DE PERE

## RIGHT-OF-WAY PLANTING PERMIT

As required by Ordinance # 30-8

Permit No. \_\_\_\_\_

Site Address: \_\_\_\_\_

Name of Applicant: \_\_\_\_\_

Street Address: \_\_\_\_\_

City-State-Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

Approved: \_\_\_\_\_

Tree Species 1. \_\_\_\_\_

2. \_\_\_\_\_

Quantity \_\_\_\_\_

Location of Planting \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Tree Caliper \_\_\_\_\_ inches

Comments \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Allowable Planting Period

From \_\_\_\_\_ to \_\_\_\_\_ 20\_\_\_\_

Denied: \_\_\_\_\_

Reason for Denial: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

If work is not completed within this allowable planting period, and planting is still desired, another planting permit must be obtained.

\_\_\_\_\_  
City Forester\_\_\_\_\_  
Date



Appendix C

# CITY OF DE PERE

## TREE WORK PERMIT APPLICATION

As required by Ordinance # 30-8

A permit is required before removing, maintaining or protecting any tree within the City Right-of-Way or parkland areas. A City ROW is typically the area from the curb to the back of the sidewalk (or where the sidewalk would be). The location of the sidewalk can often be seen in the driveways. If you are unsure please contact the City Forester.

**The City Forester MUST approve tree removal, maintenance or protection prior to any work in the City right-of-way.**

Site Address: \_\_\_\_\_

Name of Applicant: \_\_\_\_\_

Street Address: \_\_\_\_\_

City-State-Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

Estimated date of work: \_\_\_\_\_

Location of proposed work (if different from above): \_\_\_\_\_

Briefly describe the proposed work to be done (attach any blueprints): \_\_\_\_\_

\_\_\_\_\_

Work to be done by whom: \_\_\_\_\_

\_\_\_\_\_

Signature of Applicant: \_\_\_\_\_ Date \_\_\_\_\_

**PLEASE RETURN TO:    CITY OF DE PERE**  
**Attn: City Forester**  
**925 S. Sixth Street**  
**De Pere, WI 54115**

Appendix D**CITY OF DE PERE  
WORK PERMIT**

As required by Ordinance # 30-8

Permit No. \_\_\_\_\_

Site Address: \_\_\_\_\_

Name of Applicant: \_\_\_\_\_

Street Address: \_\_\_\_\_

City-State-Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

Approved: \_\_\_\_\_ Tree Species and Nature of Allowable Work \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Location of Work \_\_\_\_\_

\_\_\_\_\_

Additional Comments, Directions or Restrictions \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Allowable Work Period

From \_\_\_\_\_ to \_\_\_\_\_ 20\_\_\_\_

Denied: \_\_\_\_\_ Reason for Denial: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

If work is not completed within this allowable period and is still desired, another work permit must be obtained.

\_\_\_\_\_  
City Forester\_\_\_\_\_  
Date

Attachment: Arbor Specs manual - update 1-3-19 (8076 : Discuss Tree Replacement Policy for Street Construction Projects)

## Appendix E

### Recommended Street Tree Planting List

(Other cultivars/varieties may be acceptable upon City Forester approval)

**SMALL TREES (30' Maximum Height)** - Acceptable trees for terraces w/overhead power lines and/or if terrace is 3-5 feet wide. These can be planted in wider terraces.

| <u>Scientific Name</u>                         | <u>Common Name</u>                  | <u>Cultivars</u>                                                                                                         |
|------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <i>Acer ginnala</i>                            | <b>Amur Maple (Tree Form)</b>       |                                                                                                                          |
| <i>Acer platanoides</i>                        | <b>Norway Maple</b>                 | 'Crimson Sentry', 'Globosum'                                                                                             |
| <i>Acer tataricum</i>                          | <b>Tartarian Maple</b>              |                                                                                                                          |
| <i>Amalanchier canadensis</i>                  | <b>Serviceberry</b>                 | 'Autumn Brilliance'                                                                                                      |
| <i>Carpinus caroliniana</i>                    | <b>American Hornbeam/Musclewood</b> |                                                                                                                          |
| <i>Crataegus crusgalli</i> var. <i>inermis</i> | <b>Cockspur Thornless Hawthorn</b>  |                                                                                                                          |
| <i>Ginkgo biloba</i>                           | <b>Ginkgo (male)</b>                | 'Saratoga'                                                                                                               |
| <i>Maackia amurensis</i>                       | <b>Amur Maackia</b>                 |                                                                                                                          |
| <i>Malus spp.</i>                              | <b>Flowering Crab</b>               | 'Bob White', 'David', 'Sugar Tyme', 'Prairiefire', 'Snowdrift', 'Spring Snow', (other cultivars/varieties upon approval) |
| <i>Ostrya virginiana</i>                       | <b>Ironwood</b>                     |                                                                                                                          |
| <i>Prunus cerasifera</i>                       | <b>Newport Plum</b>                 |                                                                                                                          |
| <i>Prunus nigra</i>                            | <b>Princess Kay Plum</b>            | 'Princess Kay'                                                                                                           |
| <i>Prunus virginiana</i>                       | <b>Canada Red Chokecherry</b>       | 'Canada Red'                                                                                                             |
| <i>Syringa pekinensis</i>                      | <b>Peking Tree Lilac</b>            | 'China Snow', 'Summer Charm'                                                                                             |
| <i>Syringa reticulata</i>                      | <b>Japanese Tree Lilac</b>          | 'Ivory Silk', 'Summer Snow'                                                                                              |

**MEDIUM TREES (30' - 45' Maximum Height)** - Acceptable trees for terraces that are 5-6 feet wide. These can be planted in wider terraces if desired. Some species may also be acceptable under power lines.

|                                     |                              |                                                                                          |
|-------------------------------------|------------------------------|------------------------------------------------------------------------------------------|
| <i>Acer platanoides</i>             | <b>Norway maple</b>          | 'Cleveland', 'Columnar', 'Crimson King', 'Royal Red'                                     |
| <i>Acer truncatum x platanoides</i> | <b>Shantung Hybrid Maple</b> | 'Norwegian Sunset', 'Pacific Sunset'                                                     |
| <i>Corylus colurna</i>              | <b>Turkish Filbert</b>       |                                                                                          |
| <i>Phellodendron amurense</i>       | <b>Amur Cork Tree</b>        | 'Macho', 'Shademaster'                                                                   |
| <i>Pyrus calleryana</i>             | <b>Callery Pear</b>          | 'Aristocrat', 'Autumn Blaze', 'Bradford', 'Cleveland Select', 'Chanticleer', 'Red Spire' |
| <i>Sorbus alnifolia</i>             | <b>Korean Mountain Ash</b>   |                                                                                          |

**LARGE TREES (50' Minimum Height) - Acceptable trees for terraces of 6 feet and wider.**

|                                 |                              |                                                                                       |
|---------------------------------|------------------------------|---------------------------------------------------------------------------------------|
| <i>Acer x freemanii</i>         | <b>Freeman Maple</b>         | 'Armstrong', 'Autumn Blaze', 'Celebration',<br>'Marmo', 'Sienna Glen'                 |
| <i>Acer miyabei</i>             | <b>State Street Maple</b>    | 'State Street'                                                                        |
| <i>Acer platanoides</i>         | <b>Norway Maple</b>          | 'Crystal', 'Deborah', 'Emerald Lustre', 'Emerald<br>Queen', 'Schwedleri', 'Superform' |
| <i>Acer saccharum</i>           | <b>Sugar Maple</b>           | 'Green Mountain', 'Fairview', 'Goldspire',<br>'Legacy'                                |
| <i>Aesculus hippocastanum</i>   | <b>Horsechestnut</b>         | 'Baumannii', 'Ruby Red'                                                               |
| <i>Celtis occidentalis</i>      | <b>Hackberry</b>             | 'Prairie Pride', 'Windy City'                                                         |
| <i>Cercidiphyllum japonicum</i> | <b>Katsuratree</b>           |                                                                                       |
| <i>Eucommia ulmoides</i>        | <b>Hardy Rubber Tree</b>     |                                                                                       |
| <i>Fraxinus mandshurica</i>     | <b>Manchurian Ash</b>        |                                                                                       |
| <i>Ginkgo biloba</i>            | <b>Ginkgo (male)</b>         |                                                                                       |
| <i>Gleditsia triacanthos</i>    | <b>Thornless Honeylocust</b> |                                                                                       |
| <i>Gymnocladus dioica</i>       | <b>Kentucky coffeetree</b>   |                                                                                       |
| <i>Liriodendron tulipifera</i>  | <b>Tuliptree</b>             |                                                                                       |
| <i>Tilia americana</i>          | <b>American Linden</b>       |                                                                                       |
| <i>Tilia cordata</i>            | <b>Littleleaf Linden</b>     |                                                                                       |
| <i>Tilia tomentosa</i>          | <b>Silver Linden</b>         |                                                                                       |
| <i>Ulmus x</i>                  | <b>Hybrid Elm</b>            |                                                                                       |

'Mancana'  
'Autumn Gold', 'Magyar', 'Princeton Sentry'  
'Imperial', 'Moraine', 'Shademaster', 'Skyline',  
'Sunburst'  
'Espresso', 'Prairie Titan'  
  
'Redmond', 'Sentry'  
'Fairview', 'Glenleven', 'Greenspire', 'Prestige'  
'Sterling Silver'  
'Accolade', 'Frontier', 'Homestead', 'New  
Horizon', 'Pioneer', 'Prospector', 'Regal',  
'Triumph', 'Valley Forge'

## Appendix F

### Banned Street Tree Planting List

#### Nuisance Species – banned from planting in the right-of-way

| <u>Scientific Name</u>      | <u>Common Name</u>                            | <u>Reason</u>                                 |
|-----------------------------|-----------------------------------------------|-----------------------------------------------|
|                             | <b>All Evergreen &amp; Coniferous Species</b> | Obstruct visibility                           |
| <i>Acer negundo</i>         | <b>Boxelder</b>                               | Weak wooded, attracts boxelder bug            |
| <i>Salix spp.</i>           | <b>All Willow Species</b>                     | Weak wooded, diseased foliage                 |
| <i>Juglans nigra</i>        | <b>Black Walnut</b>                           | Undesirable and large fruit                   |
| <i>Populus spp.</i>         | <b>Cottonwood, Poplar</b>                     | Weak wooded, heaves pavement, heavy seed crop |
| <i>Ginkgo biloba</i>        | <b>Ginkgo (female)</b>                        | Messy and smelly fruit                        |
| <i>Robinia pseudoacacia</i> | <b>Black Locust</b>                           | Weak wooded, thorns, spread from root suckers |

#### Undesirable Species – unacceptable for planting in the right-of-way

| <u>Scientific Name</u>  | <u>Common Name</u>           | <u>Reason</u>                                                                  |
|-------------------------|------------------------------|--------------------------------------------------------------------------------|
| <i>Acer rubrum</i>      | <b>Red Maple</b>             | Intolerant of alkaline soils                                                   |
| <i>Acer saccharinum</i> | <b>Silver Maple</b>          | Weak wooded, heaves pavement, heavy seed crop                                  |
| <i>Betula spp.</i>      | <b>Birch</b>                 | Susceptible to insect & disease, intolerant of disturbed sites, iron chlorosis |
| <i>Carya spp.</i>       | <b>Hickory</b>               | Littering fruit                                                                |
| <i>Catalpa spp.</i>     | <b>Catalpa</b>               | Littering fruit                                                                |
| <i>Fraxinus spp.</i>    | <b>Ash</b>                   | Susceptible to insect infestations (EAB)                                       |
| <i>Malus spp.</i>       | <b>Common Apple</b>          | Fruit tree                                                                     |
| <i>Morus spp.</i>       | <b>Mulberry</b>              | Littering fruit                                                                |
| <i>Prunus serotina</i>  | <b>Black Cherry</b>          | Fruit tree                                                                     |
| <i>Prunus spp.</i>      | <b>Garden Plum, Cherry</b>   | Fruit tree                                                                     |
| <i>Pyrus communis</i>   | <b>Common Pear</b>           | Fruit tree                                                                     |
| <i>Quercus species</i>  | <b>Oak</b>                   | Undesirable acorn crops                                                        |
| <i>Sorbus americana</i> | <b>American Mountain Ash</b> | Susceptible to disease & fungal rot, heavy fruit set                           |
| <i>Sorbus aucuparia</i> | <b>European Mountain Ash</b> | Susceptible to disease & fungal rot, heavy fruit set                           |
| <i>Ulmus parvifolia</i> | <b>Chinese Elm</b>           | Weak wooded                                                                    |
| <i>Ulmus pumila</i>     | <b>Siberian Elm</b>          | Weak wooded                                                                    |





City of De Pere, Wisconsin

**Request For Board of Public Works Action**

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**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Engineering

**FROM:** Eric Rakers

**SUBJECT:** Consider WPS Proposal to Bury Ryan Road Electric.\*

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**ATTACHMENTS:**

- CI\_BOPW\_Consider\_WPS\_Proposal\_4-8-2019 (DOC)

# City of De Pere

## Public Works Department

## Memo

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**To:** Honorable Mayor Walsh  
Members of the Board of Public Works

**From:** Eric P. Rakers, P.E., City Engineer

**Date:** April 8, 2019

**Subject:** Consider WPS Proposal to Bury Ryan Road Electric\*

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The City is proposing to reconstruct Ryan Road this year as part of Project 19-02, Ryan Road Reconstruction. This project was awarded to Sommers Construction Company, Inc. by the Board in February. Staff has been coordinating utility relocations in conjunction with the proposed work. Wisconsin Public Service (WPS) has a large overhead electric line on the east side of the right of way that will need to be relocated for the project. The relocation of the line is a WPS expense. WPS has proposed that the line be buried instead of relocated with WPS and the City splitting the cost. The power lines north of the project have been buried. The estimated cost for burying the electric lines is \$80,000 with the City's share at \$40,000.



Area where power poles would be buried

Attachment: CI\_BOPW\_Consider\_WPS\_Proposal\_4-8-2019 (8092 : Consider WPS Proposal to Bury Ryan Road Electric.\*)



Area to north where power lines have been buried

Funding for the project will be from capital funds not used in 2018 or included in the bonding for capital projects in 2019.

Staff recommends the lines be buried on Ryan Road within the limits of Project 19-02 with WPS and the City splitting the cost of the project.

.



## City of De Pere, Wisconsin

### Request For Board of Public Works Action

**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Public Works

**FROM:** Scott Thoresen

**SUBJECT:** Consider Matthew Tower Cleaning & Coating Repair Contract\*

The Matthew Tower was constructed in 1986 and was last painted inside and out in 2008. The tower is in need of cleaning and with some spot repair of the existing coating.

Staff solicited six (6) companies for proposals and has received the following quotes(See attached) for performing the cleaning and coating repair:

|                                                          |             |
|----------------------------------------------------------|-------------|
| Water Tower Clean and Coat, Inc. Lodi, WI                | = \$ 8,500  |
| Badger Specialty Coatings & Construction, Janesville, WI | = \$ 32,750 |
| Classic Protective Coatings, Menomonie, WI               | = No Bid    |
| Scandia Consulting, Ojibwa, WI                           | = No Bid    |
| Lane Tank, Mosinee, WI                                   | = No Bid    |
| Pittsburg Tank & Tower Group, Henderson, KY              | = No Bid    |

Staff recommends approving the quote from Water Tower Clean and Coat, Inc. of Lodi, WI in the amount of \$8,500. The 2019 water utility budget has \$25,000 allocated for the cleaning and coating repair.

#### ATTACHMENTS:

- Matthew Tower Cleaning & Coating Repair Proposal (DOC)
- Sample Consultant Agreement (PDF)
- Water Tower Clean & Coat (PDF)
- Badger Specialty Coatings (PDF)



# City of De Pere

925 South Sixth Street  
DePere, WI 54115-1199  
Phone: 920-339-8095  
Fax: 920-339-4071  
Cell: 920-639-1003

Scott J. Thoresen  
Director of Public Works  
sthoresen@mail.de-pere.org  
[www.de-pere.org](http://www.de-pere.org)

April 4, 2019

RE: Request for Proposals  
2019 Matthew Tower Cleaning & Coating Repair

The City of De Pere is requesting a proposal from your firm to perform exterior cleaning and coating repair of the City's Matthew Tower. The tower is a 500,000 gallon– single pedestal spheroid steel tank that was constructed in 1986. (See picture below) The height of the tower is 134.5 feet and the diameter of the tower is 56 feet. The tower was painted inside and out in 2008.





**Scope of Work:**

1. Review existing drawings and as-built of tower and any other pertinent information pertaining to the tower.
2. Chlorinated power washing followed with post-wash rinse of mildew inhibitor.
3. Repair of delaminated coating estimated to be no more than 100 square feet.
4. Prepare reports for WDNR as required.
5. The proposal should reflect the necessary effort to perform the above-mentioned work and any additional efforts the firm feels are necessary to complete the project.

**Schedule:**

The City's intent is to complete the tower cleaning and coating repair activities by September 27, 2019.

**Indemnification:**

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the City of De Pere's Water Utility, its officials, agents and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the City of De Pere's Water Utility, its officials, agents, employees and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the City of De Pere's Water Utility, its officials, agents, or employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the City of De Pere's Water Utility as herein provided.

**Insurance Requirements:**

The firm shall be required to provide the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit

for bodily injury and property damage shall not be less than \$1,000,000; with additional umbrella liability insurance coverage to a total of not less than \$2,000,000.

2. Automobile bodily injury and property damage liability insurance covering owned, non-owned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$1,000,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total engineers and/or surveyor's fee on the project, whichever is greater.

### **Additional Information:**

- Sample consultant agreement is attached.

### **All proposals should include the following information:**

1. Previous Experience: Past Work on projects of similar or greater magnitude.
2. References: The proposals shall include the Contractor's experience. At a minimum, three (3) similar projects shall be included as references.
3. Cost: Firm shall submit prices on proposal sheet provided with this proposal to complete all work mentioned above.
4. Schedule: Firm shall submit the number of days to complete the water tower cleaning and coating repair and the anticipated start date on proposal sheet to complete all work mentioned above.

Sealed proposals marked "**Matthew Tower Cleaning & Coating Repair**" on envelope are to be delivered or mailed to:

Scott J. Thoresen P.E.,  
 Director of Public Works  
 City of De Pere  
 925 South Sixth Street  
 De Pere, WI 54115

All sealed proposals shall be received no later to 2:00 p.m. on March 29, 2019.

The City of De Pere reserves the right to reject any or all proposals, to waive any informality in bidding and to accept any proposal which the respective City Council deems most favorable to the best interest of the City.

If you have any questions, please call me at (920) 339-8095 or email to [sthoresen@mail.de-pere.org](mailto:sthoresen@mail.de-pere.org).

Sincerely,

**DEPARTMENT OF PUBLIC WORKS**

Scott Thoresen, P.E.  
Director of Public Works

## City of De Pere Water Utility

### **2019 Matthew Tower Cleaning & Coating Repair Proposal**

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform the water tower cleaning and coating repair.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for water tower cleaning and coating repair to meet said requirements are as follows:

Lump Sum Price for Matthew Water Tower Cleaning & Coating Repair: \$ \_\_\_\_\_

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Address of Firm

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Email Address

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: \_\_\_\_\_ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print or Type Name of Bidder

\_\_\_\_\_  
Title

Estimated Start Date: \_\_\_\_\_

Estimated Work Days to Complete: \_\_\_\_\_



**AGREEMENT FOR SERVICES BETWEEN THE  
CITY OF DE PERE AND (CONSULTANT NAME)  
(Project Name)**

THIS AGREEMENT, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2016,  
by and between the City of De Pere, Wisconsin, ("City"), and \_\_\_\_\_  
\_\_\_\_\_("Consultant").

WITNESSETH

WHEREAS, the City is in need of \_\_\_\_\_ (project description)  
\_\_\_\_\_; and

WHEREAS, the Consultant has available and offers to provide personnel and facilities  
necessary to accomplish the work within the required time.

NOW THEREFORE, City and Consultant agree as follows:

**I. DESCRIPTION OF PROJECT**

The project is as described in the \_\_\_\_ (date) \_\_\_\_ City Request for Proposals (Exhibit A) and  
Consultants Proposal thereto dated \_\_\_\_ (date) \_\_\_\_ (Exhibit B), both of which are attached hereto and  
incorporated by reference. If a conflict exists between Exhibit A and Exhibit B, the terms of  
Exhibit A shall prevail. If there is a conflict between the terms and conditions of Exhibit A and  
this Agreement, the terms of this Agreement shall prevail.

If, during the course of performing the work, City and Consultant agree that it is  
necessary to make changes in the project as described in the exhibits, such changes will be  
incorporated into this Agreement only by written amendment, signed by the parties.

**II. SCOPE OF CONSULTING SERVICES**

Consultant agrees to perform those services described Exhibits A and B. Any change to  
the scope of services as identified therein shall be defined in writing and authorized by both  
parties prior to performing such work. Such writing shall include the scope of work to be done,  
schedule for commencing and completing the work and the basis for compensation for such  
work.

**III. SCOPE OF CITY SERVICES**

City agrees to provide the Consultant items such as existing plans, standard  
specifications, and other information concerning the project that may be applicable in the  
design of the project, as are available.

#### IV. AUTHORIZATION, PROGRESS, AND COMPLETION

In signing this Agreement, the City grants the Consultant specific authorization to proceed with the work described herein.

For special services, the authorization by the City shall be in writing and shall include the definition of the work to be done, the schedule for commencing and completing the work, and the basis for compensation for the work, all as agreed upon by the City and the Consultant.

#### V. OWNERSHIP AND FORM OF DOCUMENTS

All documents created, maintained or received during the course of this Agreement, including those in electronic form, shall be deemed the property of City and Consultant shall not be considered the owner of any such document nor shall the Consultant retain any common law, statutory, or other right therein, including copyright, patent, or trademark. To that end, Consultant agrees to and hereby does assign and transfer to City all rights, title, and other interests in such drawings, specifications, or other documents, which rights shall including copyright, trademark, or patent rights therein, unless City fails to pay Consultant for such drawings specifications and other documents, in which case the ownership and all rights shall revert to the Consultant.

City hereby grants Consultant a non-exclusive license to use the documents created pursuant to this Agreement, including any standard details used herein.

Consultant acknowledges that, as the Consultant to City, a Wisconsin municipality, Wis. Stats. §19.36(3) applies to it and records produced by it pursuant to this contract are subject to the public records law to the extent they would otherwise be if maintained by the City. Consultant agrees that, within 10 business days of a written request of City, it shall forward to City any such contract or records maintained by Consultant as are requested by City. Such records shall be in the format requested by City provided that such records are kept and maintained in that format. City shall reimburse Consultant for its reasonable costs incurred in complying with this paragraph.

Consultant further agrees to indemnify the City from all costs City incurs should Consultant fail to comply with these requirements.

#### VI. CONFIDENTIALITY OF INFORMATION

Consultant understands that, during the course of work under this contract, Consultant may become privy to confidential information of City. Consultant shall maintain the confidentiality of all information specifically designated confidential by City unless withholding such information would violate the law, create a significant harm to the public, or risk of significant harm to the public.

## VII. TIME FOR COMPLETION

The parties hereto agree that time is of the essence in completion of the project. Should Consultant encounter any circumstances, which, in the Consultant's opinion, will delay their response time, Consultant shall so inform the City as soon as the delay in response time is known.

## VIII. COMPENSATION

The City agrees to pay, and the Consultant agrees to accept, compensation as identified in Exhibit B, to be paid in a lump sum at the conclusion of the work. Payment to the Consultant is due upon receipt of invoice by the City. If payment is not made within 30 days, interest on the unpaid balance will accrue beginning with the 31<sup>st</sup> day at the rate of 1.0 percent per month or the maximum interest rate permitted by law, whichever is less. Such interest will become due and payable at the time said overdue payment is made. Compensation for special services shall be as agreed upon by the City and Consultant and set forth in the written authorization for special services.

## IX. RESPONSIBILITY OF CONSULTANT

The Consultant is employed to render a professional service only, and any payments made to the Consultant are compensation solely for such services rendered and recommendations made in carrying out the work. The Consultant shall follow the practice of its profession to make findings, opinions, factual presentations, and professional advice and recommendations.

## X. NON-DISCRIMINATION

The Consultant agrees that, in performing under this Agreement with the City, it will not discriminate against any employee, applicant for employment or any other person or member of the public on the basis of age, race, creed, color, disability, marital status, sex, national origin, ancestry, arrest record, conviction record, military service, use or non-use of lawful products off the employer's premises during nonworking hours, declining to attend a meeting or to participate in any communication about religious matters or political matters, or any other basis provided under Wis. Stats. §111.321.

## XI. INSURANCE

A. The Consultant shall maintain during the life of the Agreement, the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work under the Agreement as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than

\$1,000,000; with additional umbrella liability insurance coverage for a total of not less than \$2,000,000.

2. Automobile bodily injury and property damage liability insurance covering owned, nonowned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$600,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total consultant's fee on the project, whichever is greater.

B. Proof of Insurance. The Consultant shall furnish the City with a Certificate of Insurance and additional insured endorsement countersigned by a Wisconsin Resident Agent or Authorized Representative of the insurer indicating that the Consultant meets the insurance requirements identified above. The Certificate of Insurance shall include a provision prohibiting cancellation of said policies except upon 30 days' prior written notice to the City and shall name the City as an additional insured under Consultant's general and professional liability policies for the specific contract or project covered. A copy of the Certificate of Insurance and endorsement shall be delivered to the City prior to execution of the agreement for final approval.

## XII. ALLOCATION OF RISKS

To the fullest extent permitted by law, the Consultant shall indemnify and hold harmless the City, City's officers, directors, partners, and employees from and against any and all costs, losses, and damages (including, but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused by the negligent acts or omissions of Consultant or Consultant's officers, directors, partners, employees, and Consultant's Consultants in the performance and furnishing of Consultant's services under this Agreement.

To the fullest extent permitted by law, Consultant's total liability to City and anyone claiming by, through, or under City for any cost, loss or damages caused in part by the negligence of Consultant or Consultant's subcontractor and in part by the negligence of City or any other negligent entity or individual, shall not exceed the percentage share that Consultant's or Consultant's subcontractor negligence bears to the total negligence of City, Consultant and all other negligent entities and individuals.

## XIII. SUBCONTRACTS

The Consultant shall obtain the written consent of the City prior to subcontracting any portion of the work to be performed under this project. The Consultant shall be responsible to the City for the actions of person and firms performing subcontract work.

#### XIV. ASSIGNMENT

This Agreement is binding on the heirs, successors, and assigns of the parties hereto. This Agreement is not to be assigned by either the City or Consultant without the prior written consent of the other.

#### XV. INTEGRATION

This Agreement represents the entire understanding of the City and Consultant as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Agreement may not be modified or altered except in writing signed by both parties.

#### XVI. JURISDICTION

This Agreement shall be administered and interpreted under the laws of the State of Wisconsin. Jurisdiction of litigation arising from this Agreement shall be in that state. If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said laws, but the remainder of this Agreement shall be in full force and effect.

#### XVII. SUSPENSION OF WORK

The City may suspend, in writing, all or a portion of the work under this Agreement in the event unforeseen circumstances beyond the control of the Contractor make normal progress in the performance of the work impossible. The Consultant may request that the work be suspended by notifying the City, in writing, of circumstances which are interfering with normal progress of the work. If agreed, the time for completion of the work shall be extended by the number of days the work is suspended by Contractor through no fault of Contractor. In the event that the period of suspension exceeds 90 days, the terms of this Agreement are subject to renegotiation and both parties are granted the option to terminate work on the suspended portion of the project in accordance with Article XVIII.

#### XVIII. TERMINATION OF WORK

The City may terminate all or a portion of the work covered by this Agreement for its convenience. Either the City or the Consultant may terminate work in the event the other party fails to perform in accordance with the provisions of this Agreement. Termination of this Agreement is accomplished by 15 days prior written notice from the party initiating termination to the other. Notice of termination shall be delivered by certified mail with receipt for delivery returned to the sender.

In the event of termination, the Consultant shall perform such additional work as is necessary for the orderly filing of documents and closing of the project. The additional time for filing and closing shall not exceed 10 percent of the total time expended on the completed portion of the project prior to the effective date of termination.



The Consultant shall be compensated for the completed portion of the work on the basis of work actually performed prior to the effective date of termination plus the work required for filing and closing.

#### XIX. MEDIATION

All claims, disputes and other matters in question between the parties of this Agreement arising out of or relating to this Agreement or breach thereof, which are not disposed of by mutual agreement of the parties, shall be subject to mediation as a condition precedent to the institution of legal proceedings by either party. If such claim, dispute or other matter involves a lien arising out of the Consultant's services, the Consultant may proceed in accordance with applicable law to comply with lien notice and filing deadlines prior to resolution of the matter by mediation.

The City and Consultant shall attempt to resolve claims, disputes and other matters in question between them by mediation. A request for mediation shall be filed in writing with the other party to this Agreement. The request may be made concurrently with the filing of a civil action, but mediation shall proceed in advance of legal proceedings.

The parties shall share the mediator's and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

#### XX. NOTICES

Any notification required or needed under the contract shall be sent via First Class Mail to the following:

If to City:

If to Consultant:

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

(COMPANY NAME)

CITY OF DE PERE, WISCONSIN

By: \_\_\_\_\_  
Name: \_\_\_\_\_

By: \_\_\_\_\_  
Michael J. Walsh, Mayor

By: \_\_\_\_\_  
Name: \_\_\_\_\_

By: \_\_\_\_\_  
Shana D. Ledvina, Clerk-Treasurer

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Attachment: Sample Consultant Agreement (8072 : Consider Matthew Tower Cleaning & Coating Repair Contract)



# City of De Pere

925 South Sixth Street  
DePere, WI 54115-1199  
Phone: 920-339-8095  
Fax: 920-339-4071  
Cell: 920-639-1003

Scott J. Thoresen  
Director of Public Works  
sthoresen@mail.de-pere.org  
[www.de-pere.org](http://www.de-pere.org)

March 28, 2019

RE: Request for Proposals  
2019 Matthew Tower Cleaning & Coating Repair

The City of De Pere is requesting a proposal from your firm to perform exterior cleaning and coating repair of the City's Matthew Tower. The tower is a 500,000 gallon- single pedestal spheroid steel tank that was constructed in 1986. (See picture below) The height of the tower is 134.5 feet and the diameter of the tower is 56 feet. The tower was painted inside and out in 2008.

\$8500

June 11th  
To coincide with  
tank draining.



**Scope of Work:**

1. Review existing drawings and as-built of tower and any other pertinent information pertaining to the tower.
2. Chlorinated power washing followed with post-wash rinse of mildew inhibitor.
3. Repair of delaminated coating estimated to be no more than 100 square feet.
4. Prepare reports for WDNR as required.
5. The proposal should reflect the necessary effort to perform the above-mentioned work and any additional efforts the firm feels are necessary to complete the project.

**Schedule:**

The City's intent is to complete the tower cleaning and coating repair activities by September 27, 2019.

**Indemnification:**

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the City of De Pere's Water Utility, its officials, agents and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the City of De Pere's Water Utility, its officials, agents, employees and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the City of De Pere's Water Utility, its officials, agents, or employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the City of De Pere's Water Utility as herein provided.

**Insurance Requirements:**

The firm shall be required to provide the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit



for bodily injury and property damage shall not be less than \$1,000,000; with additional umbrella liability insurance coverage to a total of not less than \$2,000,000.

2. Automobile bodily injury and property damage liability insurance covering owned, non-owned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$1,000,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total engineers and/or surveyor's fee on the project, whichever is greater.

### **Additional Information:**

- Sample consultant agreement is attached.

### **All proposals should include the following information:**

1. Previous Experience: Past Work on projects of similar or greater magnitude.
2. References: The proposals shall include the Contractor's experience. At a minimum, three (3) similar projects shall be included as references.
3. Cost: Firm shall submit prices on proposal sheet provided with this proposal to complete all work mentioned above.
4. Schedule: Firm shall submit the number of days to complete the water tower cleaning and coating repair and the anticipated start date on proposal sheet to complete all work mentioned above.

Sealed proposals marked "Matthew Tower Cleaning & Coating Repair" on envelope are to be delivered or mailed to:

Scott J. Thoresen P.E.,  
 Director of Public Works  
 City of De Pere  
 925 South Sixth Street  
 De Pere, WI 54115

All sealed proposals shall be received no later to 2:00 p.m. on March 29, 2019.



The City of De Pere reserves the right to reject any or all proposals, to waive any informality in bidding and to accept any proposal which the respective City Council deems most favorable to the best interest of the City.

If you have any questions, please call me at (920) 339-8095 or email to [sthoresen@mail.de-pere.org](mailto:sthoresen@mail.de-pere.org).

Sincerely,

**DEPARTMENT OF PUBLIC WORKS**

Scott Thoresen, P.E.  
Director of Public Works

Attachment: Water Tower Clean & Coat (8072 : Consider Matthew Tower Cleaning & Coating Repair Contract)

## City of De Pere Water Utility

### 2019 Matthew Tower Cleaning & Coating Repair Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform the water tower cleaning and coating repair.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for water tower cleaning and coating repair to meet said requirements are as follows:

Lump Sum Price for Matthew Water Tower Cleaning & Coating Repair: \$ 8500<sup>00</sup>

Water Tower Clean & Coat, Inc.  
Name of Firm

W11822 Reynolds Rd. Lodi, WI 53555  
Address of Firm

608 5927574 office 608 279 3438 Mobile - Russ Fiene  
Telephone Number

608 592 7574  
Fax Number

RFIENE@MERR.COM  
Email Address

Attachment: Water Tower Clean & Coat (8072 : Consider Matthew Tower Cleaning & Coating Repair Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Water Tower Clean & Coat, Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Russ Fiene

Signature of Bidder

3-27-19

Date

Russ Fiene

Print or Type Name of Bidder

Pres.

Title

Estimated Start Date:

The start date on this project should coincide with the drained interior cleaning and inspection. The best results would be to clean the exterior while draining the tank. Then, do the coating repairs while empty (to avoid condensation on tank exterior).

Estimated Work Days to Complete:

3 days

Then perform the interior work while the coating cures on the exterior.

→ June 11th, 2019

Water Tower Clean & Coat, Inc. offers this proposal contingent upon the acceptance of our insurance policies limits and coverages as provided in the Certificates of Insurance which will be forwarded to Scott Thoreson, Director of Public Works, De Pere, WI.

Signed: Russ Fiene

Dated: 3-27-19

Response to RFP Questions:

Previous Experience:

Water Tower Clean & Coat, Inc.

Water Tower Clean & Coat, Inc. has been in business for twenty one years serving hundreds of customers in ten midwestern States. We are a member of and have performed technical training seminars regarding tank maintenance for the following organizations in Minnesota. MNRWA, AWWA, EPA, MDH. Our operators are Confined Space Certified, Owatonna MN Safety Program Certified, OSHA 40 Hour Program Certified, Master Diver PADI Certified and our interns are all engineering students at the Univ. of Wisconsin, Madison. None of our employees use tobacco. We have not had a Workers Comp Claim in the history of doing business.

Tank Dive Cleaning And Inspection References:

Drained Tank Interior Cleaning and Inspection References:

David Tracy Fox Crossing, WI 1-920-422-4513 15 years of service work including many drained or dive cleanings and inspections.

Jim Prindle Onalaska Water Utility 1-608-780-8345 15 years of service work including many drained or dive cleanings and inspections.

Kevin Bortz Portage WI Water Mgr. 1-608-697-0266 12 years of service work including tank painting (750k sphere, 400k sphere) several drained and dive cleanings and inspections.

Tank Painting References:

Doug at Rockford, MN 612-490-9227 Exterior painting of 500k spheroid water tower. Dozens of dive cleaning and inspections.

Dave at Ledgeview, WI 1 920 422 2273 Exterior painting of 1 million gallon reservoir.

David Tracy formerly DPW at Pardeeville, WI Now DPW Fox Crossing, WI

1 608 617 5293 Exterior painting of 300k gallon spheroid water tower.

Jim Grant Harvard, IL 1 815 560 2046 750k Exterior painting of spheroid water tower. Dive and drain inspections.

Attachment: Water Tower Clean & Coat (8072 : Consider Matthew Tower Cleaning & Coating Repair Contract)





# City of De Pere

925 South Sixth Street  
DePere, WI 54115-1199  
Phone: 920-339-8095  
Fax: 920-339-4071  
Cell: 920-639-1003

Scott J. Thoresen  
Director of Public Works  
[sthoresen@mail.de-pere.org](mailto:sthoresen@mail.de-pere.org)  
[www.de-pere.org](http://www.de-pere.org)

March 12, 2019

RE: Request for Proposals  
2019 Matthew Tower Cleaning & Coating Repair

The City of De Pere is requesting a proposal from your firm to perform exterior cleaning and coating repair of the City's Matthew Tower. The tower is a 500,000 gallon– single pedestal spheroid steel tank that was constructed in 1986. (See picture below) The height of the tower is 134.5 feet and the diameter of the tower is 56 feet. The tower was painted inside and out in 2008.



Attachment: Badger Specialty Coatings (8072 : Consider Matthew Tower Cleaning & Coating Repair Contract)



**Scope of Work:**

1. Review existing drawings and as-built of tower and any other pertinent information pertaining to the tower.
2. Chlorinated power washing followed with post-wash rinse of mildew inhibitor.
3. Repair of delaminated coating estimated to be no more than 100 square feet.
4. Prepare reports for WDNR as required.
5. The proposal should reflect the necessary effort to perform the above-mentioned work and any additional efforts the firm feels are necessary to complete the project.

**Schedule:**

The City's intent is to complete the tower cleaning and coating repair activities by September 27, 2019.

**Indemnification:**

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the City of De Pere's Water Utility, its officials, agents and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the City of De Pere's Water Utility, its officials, agents, employees and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the City of De Pere's Water Utility, its officials, agents, or employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the City of De Pere's Water Utility as herein provided.

**Insurance Requirements:**

The firm shall be required to provide the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit

for bodily injury and property damage shall not be less than \$1,000,000; with additional umbrella liability insurance coverage to a total of not less than \$2,000,000.

2. Automobile bodily injury and property damage liability insurance covering owned, non-owned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$1,000,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total engineers and/or surveyor's fee on the project, whichever is greater.

**Additional Information:**

- Sample consultant agreement is attached.

**All proposals should include the following information:**

1. Previous Experience: Past Work on projects of similar or greater magnitude.
2. References: The proposals shall include the Contractor's experience. At a minimum, three (3) similar projects shall be included as references.
3. Cost: Firm shall submit prices on proposal sheet provided with this proposal to complete all work mentioned above.
4. Schedule: Firm shall submit the number of days to complete the water tower cleaning and coating repair and the anticipated start date on proposal sheet to complete all work mentioned above.

Sealed proposals marked "**Matthew Tower Cleaning & Coating Repair**" on envelope are to be delivered or mailed to:

Scott J. Thoresen P.E.,  
Director of Public Works  
City of De Pere  
925 South Sixth Street  
De Pere, WI 54115

All sealed proposals shall be received no later to 2:00 p.m. on March 29, 2019.

The City of De Pere reserves the right to reject any or all proposals, to waive any informality in bidding and to accept any proposal which the respective City Council deems most favorable to the best interest of the City.

If you have any questions, please call me at (920) 339-8095 or email to [sthoresen@mail.de-pere.org](mailto:sthoresen@mail.de-pere.org).

Sincerely,

DEPARTMENT OF PUBLIC WORKS

Scott Thoresen, P.E.  
Director of Public Works

Attachment: Badger Specialty Coatings (8072 : Consider Matthew Tower Cleaning & Coating Repair Contract)

## City of De Pere Water Utility

### 2019 Matthew Tower Cleaning & Coating Repair Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform the water tower cleaning and coating repair.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for water tower cleaning and coating repair to meet said requirements are as follows:

Lump Sum Price for Matthew Water Tower Cleaning & Coating Repair:      \$ 32,750.00

#### BADGER SPECIALTY COATINGS & CONSTRUCTION

\_\_\_\_\_  
Name of Firm

69 S. RINGOLD ST JANESVILLE, WI 53545

\_\_\_\_\_  
Address of Firm

608 290 3500

\_\_\_\_\_  
Telephone Number

608 530 5255

\_\_\_\_\_  
Fax Number

blastco@yahoo.com

\_\_\_\_\_  
Email Address

Attachment: Badger Specialty Coatings (8072 : Consider Matthew Tower Cleaning & Coating Repair Contract)



The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of BADGER SPECIALTY COATING & CONSTRUCTION\_\_\_\_\_ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.



Signature of Bidder

3/12/2019

Date

DANIEL TUESCHER

Print or Type Name of Bidder

PRESIDENT

Title

Estimated Start Date: 9/1/2019\_\_\_\_\_

Estimated Work Days to Complete: 14\_\_\_\_\_

Attachment: Badger Specialty Coatings (8072 : Consider Matthew Tower Cleaning & Coating Repair Contract)



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**BADGER SPECIALTY COATINGS & CONSTRUCTION LLC****3/25/2019****2018****Village of Merrill, WI 250 k tank****Village of Biron, Wi 200 tank****2017****City of Kenosha tank 750 k tank****Village of Durand, WI tank****Sincerely.****Daniel Tuescher****NACE Certified Inspector****Badger Specialty Coatings**

---



69 S. Ringold st  
Janesville, WI 53545

PHONE 608 290 3500  
FAX 608 530 5255  
EMAIL [blastco@yahoo.com](mailto:blastco@yahoo.com)  
WEB SITE

Attachment: Badger Specialty Coatings (8072 : Consider Matthew Tower Cleaning & Coating Repair Contract)



## City of De Pere, Wisconsin

### Request For Board of Public Works Action

**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Public Works

**FROM:** Scott Thoresen

**SUBJECT:** Consider Reservoir Inspection Contract\*

The City is required by Wisconsin Statutes NR 811.08(5) to inspect their water storage facilities every five (5) years. The 9th Street reservoir (constructed 1964) was last inspected in 2014. During our planning of this project, staff talked to other communities in the area to see if they had any reservoir inspection plans for the upcoming year. It turns out that the Village of Allouez intended to do the same. Therefore, the City bid this project as a joint project with the Village of Allouez. (See attached proposal) The intent of bidding the projects together were to try to achieve some cost savings for each community.

Staff solicited ten (10) companies for proposals (See attached) and has received the following quotes for performing the above inspections:

|                                                 |            |
|-------------------------------------------------|------------|
| Water Tower Clean and Coat, Inc. Lodi, WI       | = \$1,800  |
| Dixon Engineering, Inc., of Hales Corner, WI    | = \$ 3,400 |
| Jim Orr Coating Inspection, LLC, Madison, WI    | = \$ 3,880 |
| KLM Engineering, Inc., Sturgeon Bay, WI         | = \$ 4,200 |
| Midco Diving & Marine, Rapid City, SD           | = No Bid   |
| Suez Advanced Solution, Gleason, WI             | = No Bid   |
| Pittsburg Tank & Tower Group, Henderson, KY     | = No Bid   |
| LiquiVision Technology, Inc., Klamath Falls, OR | = No Bid   |
| Utility Service Associates, Kalispell, MT       | = No Bid   |
| Badger State Inspections, LLC, Osseo, WI        | = No Bid   |

I reviewed the proposals that were submitted. Staff recommends approving the proposal from Water Tower Clean and Coat, Inc. of Lodi, WI. The 2019 water utility budget has \$5,000 allocated for the inspections.

#### ATTACHMENTS:

- 2019 Reservoir Inspection Proposal (DOC)
- Sample Consultant Agreement (PDF)
- Reservoir Inspection Proposal Summary 3-29-19 (XLSX)
- Water Tower Clean & Coat (PDF)
- Dixon Engineering (PDF)
- Jim Orr Coating Inspection (PDF)

- KLM Engineering (PDF)



# City of De Pere

925 South Sixth Street  
DePere, WI 54115-1199  
Phone: 920-339-8095  
Fax: 920-339-4071  
Cell: 920-639-1003

Scott J. Thoresen  
Director of Public Works  
sthoresen@mail.de-pere.org  
[www.de-pere.org](http://www.de-pere.org)

April 4, 2019

RE: Request for Proposals  
2019 Reservoir Inspections

The Village of Allouez and City of De Pere are requesting a proposal from your firm to complete inspections of reservoirs in each community. The City and Village are required by Wisconsin Statutes NR 810.14 to inspect our water storage facilities every five (5) years

Village of Allouez: 141 VanDeHei Road Reservoirs are 300,000 and 800,000-gallon underground storage reservoirs. The 300,000-gallon reservoir was constructed in 1954 and the 800,000-gallon reservoir was constructed in 1958. The two reservoirs are connected and operate as one storage tank. These reservoirs were last inspected on 06/24/2014 with a dry inspection. The interior of the reservoirs for this inspection will require at a minimum a wet inspection.

Village of Allouez: 3211 Libal Street Reservoir is a 250,000-gallon underground storage reservoir that was constructed in 1968. The reservoir was last inspected on 09/10/2013 with a dry inspection. The interior of the reservoir for this inspection will require at a minimum a wet inspection.

Village of Allouez: 821 Dauphin Street Reservoir is a 250,000-gallon underground storage reservoir that was constructed in 1973. The reservoir was last inspected on 09/16/2013 with a dry inspection. The interior of the reservoir for this inspection will require at a minimum a wet inspection.

Village of Allouez: 717 Kalb Street Reservoir is a 250,000-gallon underground storage reservoir that was constructed in 1978. The reservoir was last inspected on 09/23/2014 with a dry inspection. The interior of the reservoir for this inspection will require at a minimum a wet inspection.

The City of De Pere: 9<sup>th</sup> Street reservoir is a 250,000 – gallon ground storage reservoir that was constructed in 1964. The reservoir was last inspected in 2014 was a wet inspection. The interior of the reservoir for this inspection will require a dry drain down inspection.

Attachment: 2019 Reservoir Inspection Proposal (8073 : Consider Reservoir Inspection Contract)

**Scope of Work:**

1. Review existing drawings and as-built of reservoir and any other pertinent information pertaining to each reservoir.
2. Conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements.
3. Prepare a final report showing the results of the reservoir inspection. The report shall include a summary of the inspection and a list of any deficiencies in the reservoir. The written report will include photos for the reservoir inspection. The final report will contain recommendations and cost estimates for future work based on the results of this inspection.
4. Prepare reports for WDNR as required.
5. The proposal should reflect the necessary effort to perform the above-mentioned work and any additional efforts the firm feels are necessary to complete the project.

**Schedule:**

The reservoir inspections for each Water Utility shall be completed by September 27, 2019.

**Indemnification:**

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the Water Utility of each municipality, its officials, agents and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the Water Utility of each municipality, its officials, agents, employees and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the Water Utility of each municipality, its officials, agents, or employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the Water Utility of each municipality as herein provided.



### **Insurance Requirements:**

The firm shall be required to provide the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than \$1,000,000; with additional umbrella liability insurance coverage to a total of not less than \$2,000,000.
2. Automobile bodily injury and property damage liability insurance covering owned, non-owned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$1,000,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total engineers and/or surveyor's fee on the project, whichever is greater.

### **Additional Information:**

- Sample consultant agreement is attached

### **All proposals should include the following information:**

- 1) Previous Experience: Past Work on projects of similar or greater magnitude.
- 2) References: The proposals shall include the Contractor's experience. At a minimum, three (3) similar projects shall be included as references.
- 3) Cost: Firm shall submit prices on proposal sheets for each community provided with this proposal to complete all work mentioned above.
- 4) Schedule: Firm shall submit the number of days to complete the inspections and the anticipated start date on proposal sheet for each community provide with this proposal to complete all work mentioned above.

Sealed proposals marked **“Reservoir Inspections”** on envelope are to be delivered or mailed to:

Scott J. Thoresen P.E.,  
Director of Public Works  
City of De Pere  
925 South Sixth Street  
De Pere, WI 54115

All sealed proposals shall be received no later to 2:00 p.m. on March 29, 2019.

The City of De Pere and Village of Allouez reserves the right to reject any or all proposals, to waive any informality in bidding and to accept any proposal which the respective City Council or Village Board deems most favorable to the best interest of their community;

If you have any questions regarding Allouez’s reservoir please call Mike Mahloch, Water Foreman, at (920)-621-8745.

If you have any questions regarding De Pere’s reservoir or this proposal, please call Scott Thoresen at (920) 339-8095.

Questions may also be emailed to [sthoresen@mail.de-pere.org](mailto:sthoresen@mail.de-pere.org).

Sincerely,

**DEPARTMENT OF PUBLIC WORKS**

Scott Thoresen, P.E.  
Director of Public Works

Attachment: 2019 Reservoir Inspection Proposal (8073 : Consider Reservoir Inspection Contract)

## City of De Pere Water Utility

### 2019 Reservoir Inspection Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements as specified in this proposal.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices per reservoir inspection to meet said requirements are as follows:

Lump Sum Price for 9<sup>th</sup> Street Reservoir Inspection:      \$ \_\_\_\_\_

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Address of Firm

\_\_\_\_\_  
Telephone Number

Attachment: 2019 Reservoir Inspection Proposal (8073 : Consider Reservoir Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: \_\_\_\_\_ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print or Type Name of Bidder

\_\_\_\_\_  
Title

Estimated Start Date: \_\_\_\_\_

Attachment: 2019 Reservoir Inspection Proposal (8073 : Consider Reservoir Inspection Contract)

## Village of Allouez Water Utility

### 2019 Reservoir Inspection Proposal

The following proposal is submitted to: Village of Allouez in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements as specified in this proposal.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Allouez to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Allouez's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet Village of Allouez's requirements and that the prices per reservoir inspection to meet said requirements are as follows:

Lump Sum Price for 141 VanDeHei Road Reservoir Inspection: \$ \_\_\_\_\_

Lump Sum Price for 3211 Libal Street Reservoir Inspection: \$ \_\_\_\_\_

Lump Sum Price for 821 Dauphin Street Reservoir Inspection: \$ \_\_\_\_\_

Lump Sum Price for 717 Kalb Street Reservoir Inspection: \$ \_\_\_\_\_

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Address of Firm

\_\_\_\_\_  
Telephone Number

Attachment: 2019 Reservoir Inspection Proposal (8073 : Consider Reservoir Inspection Contract)



The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: \_\_\_\_\_ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print or Type Name of Bidder

\_\_\_\_\_  
Title

Estimated Start Date: \_\_\_\_\_

Attachment: 2019 Reservoir Inspection Proposal (8073 : Consider Reservoir Inspection Contract)

**AGREEMENT FOR SERVICES BETWEEN THE  
CITY OF DE PERE AND (CONSULTANT NAME)  
(Project Name)**

THIS AGREEMENT, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2016,  
by and between the City of De Pere, Wisconsin, ("City"), and \_\_\_\_\_  
\_\_\_\_\_("Consultant").

WITNESSETH

WHEREAS, the City is in need of \_\_\_\_\_ (project description)  
\_\_\_\_\_; and

WHEREAS, the Consultant has available and offers to provide personnel and facilities  
necessary to accomplish the work within the required time.

NOW THEREFORE, City and Consultant agree as follows:

**I. DESCRIPTION OF PROJECT**

The project is as described in the \_\_\_\_ (date) \_\_\_\_ City Request for Proposals (Exhibit A) and  
Consultants Proposal thereto dated \_\_\_\_ (date) \_\_\_\_ (Exhibit B), both of which are attached hereto and  
incorporated by reference. If a conflict exists between Exhibit A and Exhibit B, the terms of  
Exhibit A shall prevail. If there is a conflict between the terms and conditions of Exhibit A and  
this Agreement, the terms of this Agreement shall prevail.

If, during the course of performing the work, City and Consultant agree that it is  
necessary to make changes in the project as described in the exhibits, such changes will be  
incorporated into this Agreement only by written amendment, signed by the parties.

**II. SCOPE OF CONSULTING SERVICES**

Consultant agrees to perform those services described Exhibits A and B. Any change to  
the scope of services as identified therein shall be defined in writing and authorized by both  
parties prior to performing such work. Such writing shall include the scope of work to be done,  
schedule for commencing and completing the work and the basis for compensation for such  
work.

**III. SCOPE OF CITY SERVICES**

City agrees to provide the Consultant items such as existing plans, standard  
specifications, and other information concerning the project that may be applicable in the  
design of the project, as are available.

#### IV. AUTHORIZATION, PROGRESS, AND COMPLETION

In signing this Agreement, the City grants the Consultant specific authorization to proceed with the work described herein.

For special services, the authorization by the City shall be in writing and shall include the definition of the work to be done, the schedule for commencing and completing the work, and the basis for compensation for the work, all as agreed upon by the City and the Consultant.

#### V. OWNERSHIP AND FORM OF DOCUMENTS

All documents created, maintained or received during the course of this Agreement, including those in electronic form, shall be deemed the property of City and Consultant shall not be considered the owner of any such document nor shall the Consultant retain any common law, statutory, or other right therein, including copyright, patent, or trademark. To that end, Consultant agrees to and hereby does assign and transfer to City all rights, title, and other interests in such drawings, specifications, or other documents, which rights shall including copyright, trademark, or patent rights therein, unless City fails to pay Consultant for such drawings specifications and other documents, in which case the ownership and all rights shall revert to the Consultant.

City hereby grants Consultant a non-exclusive license to use the documents created pursuant to this Agreement, including any standard details used herein.

Consultant acknowledges that, as the Consultant to City, a Wisconsin municipality, Wis. Stats. §19.36(3) applies to it and records produced by it pursuant to this contract are subject to the public records law to the extent they would otherwise be if maintained by the City. Consultant agrees that, within 10 business days of a written request of City, it shall forward to City any such contract or records maintained by Consultant as are requested by City. Such records shall be in the format requested by City provided that such records are kept and maintained in that format. City shall reimburse Consultant for its reasonable costs incurred in complying with this paragraph.

Consultant further agrees to indemnify the City from all costs City incurs should Consultant fail to comply with these requirements.

#### VI. CONFIDENTIALITY OF INFORMATION

Consultant understands that, during the course of work under this contract, Consultant may become privy to confidential information of City. Consultant shall maintain the confidentiality of all information specifically designated confidential by City unless withholding such information would violate the law, create a significant harm to the public, or risk of significant harm to the public.

## VII. TIME FOR COMPLETION

The parties hereto agree that time is of the essence in completion of the project. Should Consultant encounter any circumstances, which, in the Consultant's opinion, will delay their response time, Consultant shall so inform the City as soon as the delay in response time is known.

## VIII. COMPENSATION

The City agrees to pay, and the Consultant agrees to accept, compensation as identified in Exhibit B, to be paid in a lump sum at the conclusion of the work. Payment to the Consultant is due upon receipt of invoice by the City. If payment is not made within 30 days, interest on the unpaid balance will accrue beginning with the 31<sup>st</sup> day at the rate of 1.0 percent per month or the maximum interest rate permitted by law, whichever is less. Such interest will become due and payable at the time said overdue payment is made. Compensation for special services shall be as agreed upon by the City and Consultant and set forth in the written authorization for special services.

## IX. RESPONSIBILITY OF CONSULTANT

The Consultant is employed to render a professional service only, and any payments made to the Consultant are compensation solely for such services rendered and recommendations made in carrying out the work. The Consultant shall follow the practice of its profession to make findings, opinions, factual presentations, and professional advice and recommendations.

## X. NON-DISCRIMINATION

The Consultant agrees that, in performing under this Agreement with the City, it will not discriminate against any employee, applicant for employment or any other person or member of the public on the basis of age, race, creed, color, disability, marital status, sex, national origin, ancestry, arrest record, conviction record, military service, use or non-use of lawful products off the employer's premises during nonworking hours, declining to attend a meeting or to participate in any communication about religious matters or political matters, or any other basis provided under Wis. Stats. §111.321.

## XI. INSURANCE

A. The Consultant shall maintain during the life of the Agreement, the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work under the Agreement as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than

\$1,000,000; with additional umbrella liability insurance coverage for a total of not less than \$2,000,000.

2. Automobile bodily injury and property damage liability insurance covering owned, nonowned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$600,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total consultant's fee on the project, whichever is greater.

B. Proof of Insurance. The Consultant shall furnish the City with a Certificate of Insurance and additional insured endorsement countersigned by a Wisconsin Resident Agent or Authorized Representative of the insurer indicating that the Consultant meets the insurance requirements identified above. The Certificate of Insurance shall include a provision prohibiting cancellation of said policies except upon 30 days' prior written notice to the City and shall name the City as an additional insured under Consultant's general and professional liability policies for the specific contract or project covered. A copy of the Certificate of Insurance and endorsement shall be delivered to the City prior to execution of the agreement for final approval.

## XII. ALLOCATION OF RISKS

To the fullest extent permitted by law, the Consultant shall indemnify and hold harmless the City, City's officers, directors, partners, and employees from and against any and all costs, losses, and damages (including, but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused by the negligent acts or omissions of Consultant or Consultant's officers, directors, partners, employees, and Consultant's Consultants in the performance and furnishing of Consultant's services under this Agreement.

To the fullest extent permitted by law, Consultant's total liability to City and anyone claiming by, through, or under City for any cost, loss or damages caused in part by the negligence of Consultant or Consultant's subcontractor and in part by the negligence of City or any other negligent entity or individual, shall not exceed the percentage share that Consultant's or Consultant's subcontractor negligence bears to the total negligence of City, Consultant and all other negligent entities and individuals.

## XIII. SUBCONTRACTS

The Consultant shall obtain the written consent of the City prior to subcontracting any portion of the work to be performed under this project. The Consultant shall be responsible to the City for the actions of person and firms performing subcontract work.



#### XIV. ASSIGNMENT

This Agreement is binding on the heirs, successors, and assigns of the parties hereto. This Agreement is not to be assigned by either the City or Consultant without the prior written consent of the other.

#### XV. INTEGRATION

This Agreement represents the entire understanding of the City and Consultant as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Agreement may not be modified or altered except in writing signed by both parties.

#### XVI. JURISDICTION

This Agreement shall be administered and interpreted under the laws of the State of Wisconsin. Jurisdiction of litigation arising from this Agreement shall be in that state. If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said laws, but the remainder of this Agreement shall be in full force and effect.

#### XVII. SUSPENSION OF WORK

The City may suspend, in writing, all or a portion of the work under this Agreement in the event unforeseen circumstances beyond the control of the Contractor make normal progress in the performance of the work impossible. The Consultant may request that the work be suspended by notifying the City, in writing, of circumstances which are interfering with normal progress of the work. If agreed, the time for completion of the work shall be extended by the number of days the work is suspended by Contractor through no fault of Contractor. In the event that the period of suspension exceeds 90 days, the terms of this Agreement are subject to renegotiation and both parties are granted the option to terminate work on the suspended portion of the project in accordance with Article XVIII.

#### XVIII. TERMINATION OF WORK

The City may terminate all or a portion of the work covered by this Agreement for its convenience. Either the City or the Consultant may terminate work in the event the other party fails to perform in accordance with the provisions of this Agreement. Termination of this Agreement is accomplished by 15 days prior written notice from the party initiating termination to the other. Notice of termination shall be delivered by certified mail with receipt for delivery returned to the sender.

In the event of termination, the Consultant shall perform such additional work as is necessary for the orderly filing of documents and closing of the project. The additional time for filing and closing shall not exceed 10 percent of the total time expended on the completed portion of the project prior to the effective date of termination.

The Consultant shall be compensated for the completed portion of the work on the basis of work actually performed prior to the effective date of termination plus the work required for filing and closing.

#### XIX. MEDIATION

All claims, disputes and other matters in question between the parties of this Agreement arising out of or relating to this Agreement or breach thereof, which are not disposed of by mutual agreement of the parties, shall be subject to mediation as a condition precedent to the institution of legal proceedings by either party. If such claim, dispute or other matter involves a lien arising out of the Consultant's services, the Consultant may proceed in accordance with applicable law to comply with lien notice and filing deadlines prior to resolution of the matter by mediation.

The City and Consultant shall attempt to resolve claims, disputes and other matters in question between them by mediation. A request for mediation shall be filed in writing with the other party to this Agreement. The request may be made concurrently with the filing of a civil action, but mediation shall proceed in advance of legal proceedings.

The parties shall share the mediator's and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

#### XX. NOTICES

Any notification required or needed under the contract shall be sent via First Class Mail to the following:

If to City:

If to Consultant:

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

(COMPANY NAME)

CITY OF DE PERE, WISCONSIN

By: \_\_\_\_\_  
Name: \_\_\_\_\_

By: \_\_\_\_\_  
Michael J. Walsh, Mayor

By: \_\_\_\_\_  
Name: \_\_\_\_\_

By: \_\_\_\_\_  
Shana D. Ledvina, Clerk-Treasurer

H:\jdupont\Agreements\2016\Consultant Agreement Template revised 2-22-16.docx

Attachment: Sample Consultant Agreement (8073 : Consider Reservoir Inspection Contract)

## Reservoir Inspection Proposal Summary 3-29-19

| Company Name                     | Community                               | LS         |
|----------------------------------|-----------------------------------------|------------|
|                                  |                                         |            |
| Water Tower Clean and Coat, Inc. |                                         |            |
|                                  | Village of Allouez - 141 VanDeHei Road  | \$2,200.00 |
|                                  | Village of Allouez - 3211 Libal Street  | \$1,800.00 |
|                                  | Village of Allouez - 821 Dauphin Street | \$1,800.00 |
|                                  | Village of Allouez - 717 Kalb Street    | \$1,800.00 |
|                                  | City of De Pere - 9th Street            | \$1,800.00 |
| Dixon Engineering, Inc.          |                                         |            |
|                                  | Village of Allouez - 141 VanDeHei Road  | \$2,750.00 |
|                                  | Village of Allouez - 3211 Libal Street  | \$2,750.00 |
|                                  | Village of Allouez - 821 Dauphin Street | \$2,750.00 |
|                                  | Village of Allouez - 717 Kalb Street    | \$2,750.00 |
|                                  | City of De Pere - 9th Street            | \$3,400.00 |
| Jim Orr Coating Inspection, LLC  |                                         |            |
|                                  | Village of Allouez - 141 VanDeHei Road  | \$5,600.00 |
|                                  | Village of Allouez - 3211 Libal Street  | \$2,780.00 |
|                                  | Village of Allouez - 821 Dauphin Street | \$2,780.00 |
|                                  | Village of Allouez - 717 Kalb Street    | \$2,780.00 |
|                                  | City of De Pere - 9th Street            | \$3,880.00 |
| KLM Engineering                  |                                         |            |
|                                  | Village of Allouez - 141 VanDeHei Road  | \$2,266.00 |
|                                  | Village of Allouez - 3211 Libal Street  | \$1,800.00 |
|                                  | Village of Allouez - 821 Dauphin Street | \$1,800.00 |
|                                  | Village of Allouez - 717 Kalb Street    | \$1,800.00 |
|                                  | City of De Pere - 9th Street            | \$4,200.00 |
| Midco Diving & Marine            |                                         |            |
|                                  | Village of Allouez                      | No Bid     |
|                                  | City of De Pere                         | No Bid     |
| Utility Service Associates       |                                         |            |
|                                  | Village of Allouez                      | No Bid     |
|                                  | City of De Pere                         | No Bid     |
| Suez Advanced Solutions          |                                         |            |
|                                  | Village of Allouez                      | No Bid     |
|                                  | City of De Pere                         | No Bid     |
| Badger State Inspection, LLC     |                                         |            |
|                                  | Village of Allouez                      | No Bid     |
|                                  | City of De Pere                         | No Bid     |
| Pittsburg Tank & Tower Group     |                                         |            |
|                                  | Village of Allouez                      | No Bid     |
|                                  | City of De Pere                         | No Bid     |
| LiquiVision Technology, Inc.     |                                         |            |
|                                  | Village of Allouez                      | No Bid     |
|                                  | City of De Pere                         | No Bid     |

Attachment: Reservoir Inspection Proposal Summary 3-29-19 (8073 : Consider Reservoir Inspection Contract)



# City of De Pere

925 South Sixth Street  
DePere, WI 54115-1199  
Phone: 920-339-8095  
Fax: 920-339-4071  
Cell: 920-639-1003

Scott J. Thoresen  
Director of Public Works  
sthoresen@mail.de-pere.org  
[www.de-pere.org](http://www.de-pere.org)

March 28, 2019

RE: Request for Proposals  
2019 Reservoir Inspections

The Village of Allouez and City of De Pere are requesting a proposal from your firm to complete inspections of reservoirs in each community. The City and Village are required by Wisconsin Statutes NR 810.14 to inspect our water storage facilities every five (5) years

Village of Allouez: 141 VanDeHei Road Reservoirs are 300,000 and 800,000-gallon underground storage reservoirs. The 300,000-gallon reservoir was constructed in 1954 and the 800,000-gallon reservoir was constructed in 1958. The two reservoirs are connected and operate as one storage tank. These reservoirs were last inspected on 06/24/2014 with a dry inspection. The interior of the reservoirs for this inspection will require at a minimum a wet inspection. *Dive Inspection Tues. June 4th \$2200.00*

Village of Allouez: 3211 Libal Street Reservoir is a 250,000-gallon underground storage reservoir that was constructed in 1968. The reservoir was last inspected on 09/10/2013 with a dry inspection. The interior of the reservoir for this inspection will require at a minimum a wet inspection. *\$1800 Wed. Dive Inspection June 5th*

Village of Allouez: 821 Dauphin Street Reservoir is a 250,000-gallon underground storage reservoir that was constructed in 1973. The reservoir was last inspected on 09/16/2013 with a dry inspection. The interior of the reservoir for this inspection will require at a minimum a wet inspection. *\$1800 Wed. Dive Inspection June 5th*

Village of Allouez: 717 Kalb Street Reservoir is a 250,000-gallon underground storage reservoir that was constructed in 1978. The reservoir was last inspected on 09/23/2014 with a dry inspection. The interior of the reservoir for this inspection will require at a minimum a wet inspection. *\$1800 Dive Inspection Thursday June 6th*

✓ The City of De Pere: 9<sup>th</sup> Street reservoir is a 250,000 – gallon ground storage reservoir that was constructed in 1964. The reservoir was last inspected in 2014 was a wet inspection. The interior of the reservoir for this inspection will require a dry drain down inspection.

*Monday - June 3rd  
\$1800.00*

Attachment: Water Tower Clean & Coat (8073 : Consider Reservoir Inspection Contract)



### **Scope of Work:**

1. Review existing drawings and as-built of reservoir and any other pertinent information pertaining to each reservoir.
2. Conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements.
3. Prepare a final report showing the results of the reservoir inspection. The report shall include a summary of the inspection and a list of any deficiencies in the reservoir. The written report will include photos for the reservoir inspection. The final report will contain recommendations and cost estimates for future work based on the results of this inspection.
4. Prepare reports for WDNR as required.
5. The proposal should reflect the necessary effort to perform the above-mentioned work and any additional efforts the firm feels are necessary to complete the project.

### **Schedule:**

The reservoir inspections for each Water Utility shall be completed by September 27, 2019.

### **Indemnification:**

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the Water Utility of each municipality, its officials, agents and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the Water Utility of each municipality, its officials, agents, employees and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the Water Utility of each municipality, its officials, agents, or employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the Water Utility of each municipality as herein provided.

### **Insurance Requirements:**

The firm shall be required to provide the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than \$1,000,000; with additional umbrella liability insurance coverage to a total of not less than \$2,000,000.
2. Automobile bodily injury and property damage liability insurance covering owned, non-owned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$1,000,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total engineers and/or surveyor's fee on the project, whichever is greater.

### **Additional Information:**

- Sample consultant agreement is attached

### **All proposals should include the following information:**

- 1) Previous Experience: Past Work on projects of similar or greater magnitude.
- 2) References: The proposals shall include the Contractor's experience. At a minimum, three (3) similar projects shall be included as references.
- 3) Cost: Firm shall submit prices on proposal sheets for each community provided with this proposal to complete all work mentioned above.
- 4) Schedule: Firm shall submit the number of days to complete the inspections and the anticipated start date on proposal sheet for each community provide with this proposal to complete all work mentioned above.

Sealed proposals marked “**Reservoir Inspections**” on envelope are to be delivered or mailed to:

Scott J. Thoresen P.E.,  
Director of Public Works  
City of De Pere  
925 South Sixth Street  
De Pere, WI 54115

All sealed proposals shall be received no later to 2:00 p.m. on March 29, 2019.

The City of De Pere and Village of Allouez reserves the right to reject any or all proposals, to waive any informality in bidding and to accept any proposal which the respective City Council or Village Board deems most favorable to the best interest of their community;

If you have any questions regarding Allouez’s reservoir please call Mike Mahloch, Water Foreman, at (920)-621-8745.

If you have any questions regarding De Pere’s reservoir or this proposal, please call Scott Thoresen at (920) 339-8095.

Questions may also be emailed to [sthoresen@mail.de-pere.org](mailto:sthoresen@mail.de-pere.org).

Sincerely,

**DEPARTMENT OF PUBLIC WORKS**

Scott Thoresen, P.E.  
Director of Public Works

Attachment: Water Tower Clean & Coat (8073 : Consider Reservoir Inspection Contract)



## City of De Pere Water Utility

### 2019 Reservoir Inspection Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements as specified in this proposal.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices per reservoir inspection to meet said requirements are as follows:

Lump Sum Price for 9<sup>th</sup> Street Reservoir Inspection:      \$ 1800<sup>00</sup>

Water Tower Clean & Coat, Inc.

Name of Firm

W11822 Reynolds Rd Lodi, WI 53555

Address of Firm

608 592 7574 office 608 279 3438 Mobile

Telephone Number

Attachment: Water Tower Clean & Coat (8073 : Consider Reservoir Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Water Tower Clean & Coat, Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Russ Fiene

Signature of Bidder

3-27-19

Date

Russ Fiene

Print or Type Name of Bidder

Pres.

Title

Estimated Start Date:

Monday June 3rd

Attachment: Water Tower Clean & Coat (8073 : Consider Reservoir Inspection Contract)



## Village of Allouez Water Utility

### 2019 Reservoir Inspection Proposal

The following proposal is submitted to: Village of Allouez in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements as specified in this proposal.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Allouez to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Allouez's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet Village of Allouez's requirements and that the prices per reservoir inspection to meet said requirements are as follows:

Lump Sum Price for 141 VanDeHei Road Reservoir Inspection: \$ 2200<sup>00</sup>

Lump Sum Price for 3211 Libal Street Reservoir Inspection: \$ 1800<sup>00</sup>

Lump Sum Price for 821 Dauphin Street Reservoir Inspection: \$ 1800<sup>00</sup>

Lump Sum Price for 717 Kalb Street Reservoir Inspection: \$ 1800<sup>00</sup>

Water Tower Clean & Coat, Inc.

Name of Firm

W11822 Reynolds Rd. Lodi, WI 53555

Address of Firm

608 592 7574 office / 608 279 3438 Mobile Russ Fiene

Telephone Number

Attachment: Water Tower Clean & Coat (8073 : Consider Reservoir Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Water Tower Clean & Coat, Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Russ Fiene

Signature of Bidder

3-27-19

Date

Russ Fiene

Print or Type Name of Bidder

Pres.

Title

Estimated Start Date:

1st Week of June 2019

Attachment: Water Tower Clean & Coat (8073 : Consider Reservoir Inspection Contract)

Water Tower Clean & Coat, Inc. offers this proposal contingent upon the acceptance of our insurance policies limits and coverages as provided in the Certificates of Insurance which will be forwarded to Scott Thoreson, Director of Public Works, De Pere, WI.

Signed: Russ Fiene

Dated: 3-27-19

## Response to RFP Questions:

## Previous Experience:

## Water Tower Clean &amp; Coat, Inc.

Water Tower Clean & Coat, Inc. has been in business for twenty one years serving hundreds of customers in ten midwestern States. We are a member of and have performed technical training seminars regarding tank maintenance for the following organizations in Minnesota. MNRWA, AWWA, EPA, MDH. Our operators are Confined Space Certified, Owatonna MN Safety Program Certified, OSHA 40 Hour Program Certified, Master Diver PADI Certified and our interns are all engineering students at the Univ. of Wisconsin, Madison. None of our employees use tobacco. We have not had a Workers Comp Claim in the history of doing business.

## Tank Dive Cleaning And Inspection References:

## Drained Tank Interior Cleaning and Inspection References:

David Tracy Fox Crossing, WI 1-920-422-4513 15 years of service work including many drained or dive cleanings and inspections.

Jim Prindle Onalaska Water Utility 1-608-780-8345 15 years of service work including many drained or dive cleanings and inspections.

Kevin Bortz Portage WI Water Mgr. 1-608-697-0266 12 years of service work including tank painting (750k sphere, 400k sphere) several drained and dive cleanings and inspections.

## Tank Painting References:

Doug at Rockford, MN 612-490-9227 Exterior painting of 500k spheroid water tower. Dozens of dive cleaning and inspections.

Dave at Ledgeview, WI 1 920 422 2273 Exterior painting of 1 million gallon reservoir.

David Tracy formerly DPW at Pardeeville, WI Now DPW Fox Crossing, WI

1 608 617 5293 Exterior painting of 300k gallon spheroid water tower.

Jim Grant Harvard, IL 1 815 560 2046 750k Exterior painting of spheroid water tower. Dive and drain inspections.



# City of De Pere and Village of Allouez Wisconsin

Proposal for:

## 2019 Reservoir Inspections

300,000 gallon Underground Concrete Reservoir  
(Village of Allouez - VanDeHel Road)

800,000 gallon Underground Concrete Reservoir  
(Village of Allouez - VanDeHel Road)

250,000 gallon Underground Concrete Reservoir  
(Village of Allouez - Libal Street)

250,000 gallon Underground Concrete Reservoir  
(Village of Allouez - Dauphin Street)

250,000 gallon Underground Concrete Reservoir  
(Village of Allouez - Kalb Street)

250,000 gallon Concrete Ground Storage  
(City of De Pere - 9th Street)

4811 S 76th St.  
Suite 109  
Greenfield, WI 53220

Phone (414) 529-1859  
Fax (414) 282-7830

<http://www.dixonengineering.net>  
[dixon@dixonengineering.net](mailto:dixon@dixonengineering.net)

Date Submitted: March 29, 2019

## Dixon Engineering, Inc.

Engineering and Inspections Services for the Coating Industry

## Firm Overview

|                    |                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------|
| Firm Name:         | Dixon Engineering Inc.                                                                     |
| Corporate Address: | 1104 Third Avenue<br>Lake Odessa, MI 48849                                                 |
| Telephone:         | (616) 374-3221                                                                             |
| Fax:               | (616) 374-7116                                                                             |
| Wisconsin Address: | 4811 S. 76 <sup>th</sup> Street, Suite 109<br>Greenfield, WI 53220                         |
| Telephone:         | (414) 529-1859                                                                             |
| Fax:               | (414) 282-7830                                                                             |
| Contact Person:    | Mrs. Kayla Mulcahy, Project Manager                                                        |
| E-mail             | <a href="mailto:kayla.mulcahy@dixonengineering.net">kayla.mulcahy@dixonengineering.net</a> |

Year Dixon Engineering Established: 1981

DIXON was founded, in 1981, as a result of a personal experience of William J. Dixon, P.E. who, as a tank painting contractor from 1972 to 1974, observed the credibility gap between the owner, engineer, and contractor. Within our first five years of business, we developed over 200 clients in the Industrial, Federal, and State sectors. Our credibility is enhanced by the fact that we coordinate with, but are completely independent of, contractors, manufacturers, and owners. This allows unbiased inspections and recommendations. DIXON now has over 1,250 clients (i.e. Municipal, Industrial, Federal, and State) and performs approximately 300 preliminary maintenance storage tank inspections annually. DIXON started with one engineer and one office staff person.

DIXON maintains a staff of structural, and civil engineers, along with field technicians who are National Association of Corrosion Engineers (NACE) and American Welding Society (AWS) certified. Our employees have over two hundred years of combined experience in the inspection field. The purpose and necessity for inspection is to ensure the work is performed to the highest standard that will provide the longevity expected with a new or rehabilitated structure.

DIXON has been a leader in the coating engineering and inspection field as well as regulatory compliance for the coating industry for years. William J. Dixon, President and Founder, is an active member of the American Water Works Association (AWWA), national and state sections; and the Society for Protective Coatings (SSPC). He has chaired many committees and presently is an AWWA D-100 Steel Tank Committee member and a member of the AWWA Standards Council.

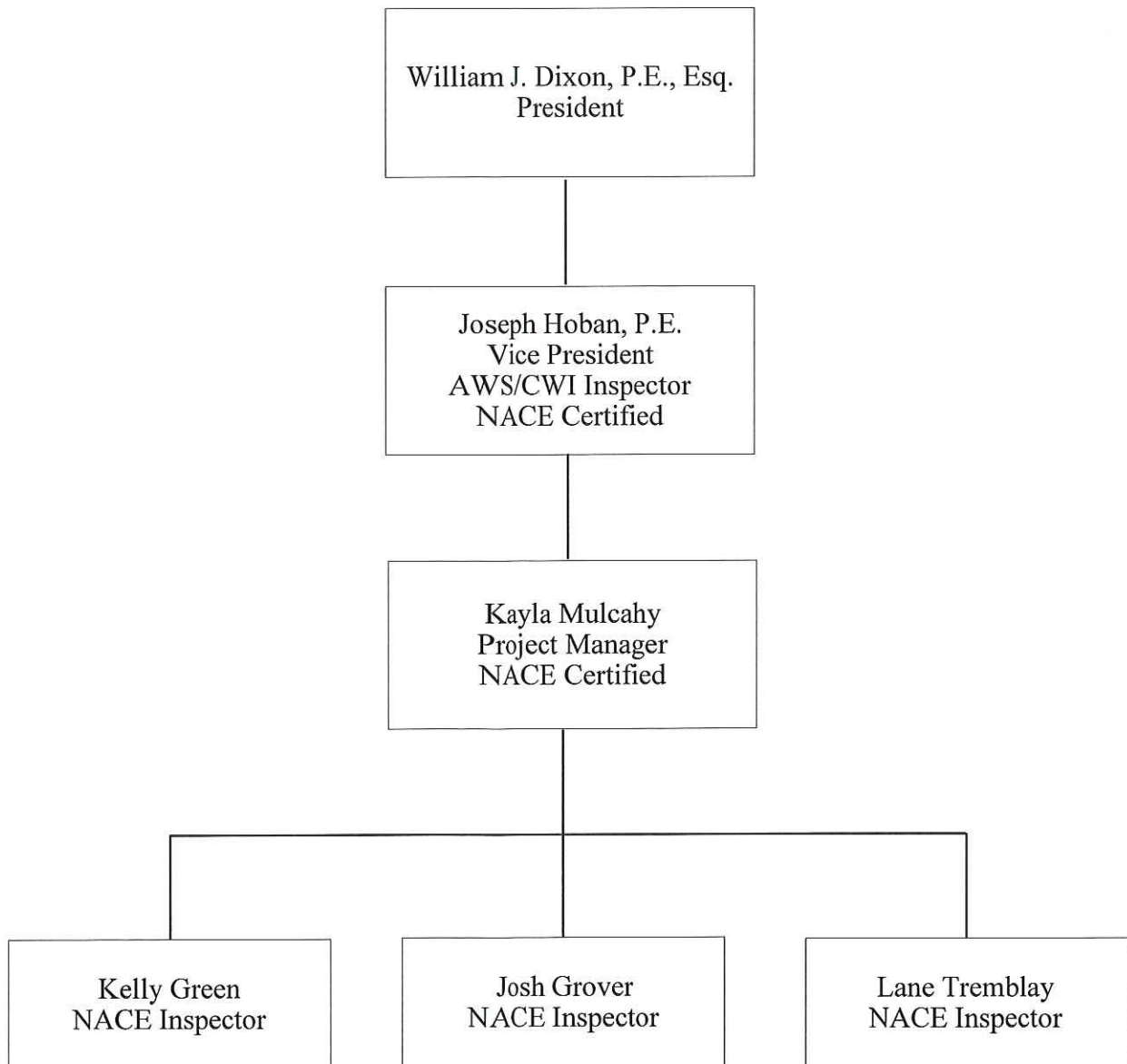


DIXON's quality control begins with the assignment of the Project Manager. The Project Manager is responsible for maintaining communication with the Owner and managing all phases of the work to be completed by DIXON, preparation and review of all reports and correspondence with the Owner and Project Engineer and attending all project related meetings.

DIXON's Project Manager has several resources available that are designed to ensure quality of our reports, designs, and contract documents. DIXON uses established procedures for performing inspections of each type of water storage tank. These procedures were developed using AWWA guidance, EPA and OSHA regulations, and through years of experience. DIXON uses Field Inspection Report (FIR) forms that are designed to collect vital information concerning the structural integrity, coating conditions, and safety for each tank that we inspect. These forms, along with photographs are used to develop our reports.

DIXON uses a three-pronged approach to check the quality of each document we prepare. First our support staff performs an editorial review of the document to ensure the information is consistent with the FIR and is grammatically correct. Next, the document is subjected to a thorough technical review. This technical review is performed by the Project Engineer. Finally, the Project Manager reviews the report to ensure the document meets all of the client's requirements.

## Dixon Engineering, Inc. Organization Chart



## Inspection Approach – Concrete Tanks

DIXON employs a three to four person inspection team and complies with OSHA requirements for confined space entry. One person inspects the tank interior, a second is the confined space attendant, and the third is a ground person responsible for emergency response and communications. A fourth person may be used for additional assistance on larger tanks. Utility personnel are required only to provide access to the tank and assist with connection to a source of water for cleaning (for drained inspections). They are not required to remain on site during the inspection.

### Drained Inspection

Dixon's approach to a drained inspection includes:

#### **A. Scope of Services Performed by Owner (Drained):**

1. Provide scheduling for mutually agreeable inspection date.
2. Provide access to DIXON personnel to all areas scheduled for inspection.
3. Provide insurance for Owner's personnel. They are not covered by DIXON's insurance.
4. Drain the water storage tank (hereinafter referred to as tank) prior to the arrival of DIXON. (Arrival time to be mutually agreed upon by the Owner and DIXON.)
5. Provide for the use of the Inspector a source of water. This can either be a hydrant or hose bib supply. A community fire truck can be provided if needed. (Fire truck does not reduce time, unless tank is a large reservoir.)
6. The Owner is not required to provide personnel to climb the tank; however, he is welcome to do so. A hard hat is required on this employee and any employee on the ground. DIXON does carry additional safety harnesses which can be used by the Owner's personnel; however, if the tank contains a fall prevention device, that device should be used. DIXON personnel carry their own personal safety equipment for that purpose. DIXON will assist the Owner's personnel in inspecting the exterior of the tank on the balcony and roof. If there is a bottom manhole into the wet interior of a sphere, hydropillar, or composite, or a ladder from the roof manhole, the Owner's personnel may enter. If DIXON is required to rig the tank using their own rope ladder and/or rigged line for descent through the riser, the Owner's personnel will not be allowed access.
7. Perform bacteriological testing after completion of the inspection. Two (2) consecutive samples are recommended at 24-hour intervals per AWWA C-652-11 Chlorination Method No. 3
8. Operate the system without the tank in-service. This includes operation and monitoring of pressure relief valves, if necessary.



**A. Scope of Services Performed by DIXON (Concrete – Drained):**

1. DIXON will review existing drawings and as-built of tower and any other pertinent information pertaining to the tower.
2. DIXON will conduct inspection of the tower to meet all Wisconsin Department of Natural Resources (WDNR) requirements and Wisconsin Statutes NR 810.14.
3. Clean the interior surfaces of the tank with high pressure water. Cleaning is necessary for the engineer to inspect the condition of the floor slab.
4. Perform visual inspection of concrete reservoir.
5. Inspect concrete surfaces for spalling, erosion, or other deterioration.
6. Inspect concrete for cracking and quantify cracks, if any.
7. Visually inspect concrete for evidence of corrosion or rebar, quantify exposed rebar, and condition, if any. (Note: Corrosion study of covered rebar will not be performed.)
8. Review exterior of the exposed foundations.
9. Inspect exterior coating conditions and estimate remaining service life.
10. Review all safety requirements for ladders, cages, etc.
11. Review all health requirements of the tank, including screening of the vent, overflow pipe, and other possible contamination sources. Notification of failed areas will be provided to the Owner on site.
12. Prepare written report (2 copies) describing conditions observed with recommendations for repair. Report will include budgetary cost estimates for the recommended repairs with digital photos.
13. Provide a filled in DNR Form 3400-248 (Water Storage Facility Inspection Report) for the tank.
14. Chlorinate the tank per AWWA Method No. 3 C-652-11. Reinstall manhole cover. This item may be relocated to the Scope of Services Performed by Owner, if thus contracted.

## Reference List

| CLIENT                                                                               | CONTACT                             | TANK SIZE                                                                                                                                                                                                                                                                       | PROJECT                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>City of Augusta</b><br>145 W. Lincoln Street<br>PO Box 475<br>Augusta, WI 54722   | Kim Kruger<br>(715) 286-2555        | 17,000 Gallon Concrete Reservoir<br>38,000 Gallon Concrete Reservoir<br>54,000 Gallon Concrete Reservoir<br>57,000 Gallon Concrete Reservoir                                                                                                                                    | 2017 Preliminary Maintenance Inspection (Dry)<br>2017 Preliminary Maintenance Inspection (Dry)<br>2017 Preliminary Maintenance Inspection (Dry)<br>2017 Preliminary Maintenance Inspection (Dry)                                                                                                                                                                                                     |
| <b>City of Green Bay</b><br>631 S. Adams St.<br>Green Bay, WI 54305                  | Tom Landwehr<br>(920) 448-3480      | 1,500,000 Gallon Concrete Reservoir (Cass St.)<br>1,000,000 Gallon Concrete Reservoir (Grandview)<br>2,000,000 Gallon Concrete Reservoir (Quincy)<br>500,000 Gallon Double Ellipse (Broadway)                                                                                   | 2017 Preliminary Maintenance Inspection (ROV)<br>2017 Preliminary Maintenance Inspection (ROV)<br>2017 Preliminary Maintenance Inspection (ROV)<br>2017 Preliminary Maintenance Inspection (ROV)                                                                                                                                                                                                     |
| <b>Hartford Utilities</b><br>620 West Summer St.<br>Hartford, WI 53027               | Brian Rhodes<br>(262) 670-3700      | 130,000 Gallon Clearwell (Well 16)<br>60,000 Gallon Pumping Chamber 1 (Well 16)<br>60,000 Gallon Pumping Chamber 2 (Well 16)<br>64,000 Gallon Backwash (Well 16)                                                                                                                | 2019 Preliminary Maintenance Inspection<br>2019 Preliminary Maintenance Inspection<br>2019 Preliminary Maintenance Inspection<br>2019 Preliminary Maintenance Inspection                                                                                                                                                                                                                             |
| <b>City of Mondovi</b><br>156 S. Franklin Street<br>Mondovi, WI 54755                | Randy Gruber<br>(715) 926-3866      | 750,000 Gallon Reservoir                                                                                                                                                                                                                                                        | 2018 Preliminary Maintenance Inspection (ROV)                                                                                                                                                                                                                                                                                                                                                        |
| <b>Stevens Point Water Department</b><br>300 Bliss Avenue<br>Stevens Point, WI 54481 | Eric Southworth<br>(715) 342-4846   | 144,000 Gallon Concrete Backwash Basin #1<br>144,000 Gallon Concrete Backwash Basin #2<br>36,000 Gallon Concrete<br>220,000 Gallon Backwash Holding Tank<br>73,000 Gallon Pumping Chamber 1 (Well 11)<br>97,000 Gallon Pumping Chamber 2 (Well 11)<br>Thickening Tank (Well 11) | 2017 Preliminary Maintenance Inspection (Dry)<br>2017 Preliminary Maintenance Inspection (Dry)<br>2017 Preliminary Maintenance Inspection (Dry)<br>2018 Preliminary Maintenance Inspection (Dry)<br>2018 Preliminary Maintenance Inspection (Dry)<br>2018 Preliminary Maintenance Inspection (Dry)<br>2018 Preliminary Maintenance Inspection (Dry)<br>2018 Preliminary Maintenance Inspection (Dry) |
| <b>City of Sheboygan Falls</b><br>375 Buffalo Street<br>Sheboygan Falls, WI 53085    | Jerry Benzschawel<br>(920) 467-7901 | 2,000,000 Gallon Reservoir (Forest)<br>2,000,000 Gallon Reservoir (Western)                                                                                                                                                                                                     | 2018 Maintenance Inspections (Dry)<br>2018 Maintenance Inspections (Dry)                                                                                                                                                                                                                                                                                                                             |

Attachment: Dixon Engineering (8073 : Consider Reservoir Inspection Contract)





# CERTIFICATE OF LIABILITY INSURANCE

DIXONE1

3.8.e

OP ID: LB

DATE (MM/DD/YYYY)

03/27/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|                                                                                                                  |  |                                                                                                                                                 |  |
|------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>PRODUCER</b><br>Blick Dillon Insurance<br>123 N Mitchell St P.O.B. 389<br>Cadillac, MI 49601<br>Pete Suminski |  | <b>CONTACT NAME:</b> Pete Suminski<br><b>PHONE (A/C, No, Ext):</b> 231-775-3416<br><b>FAX (A/C, No):</b> 231-775-0817<br><b>E-MAIL ADDRESS:</b> |  |
|                                                                                                                  |  | <b>INSURER(S) AFFORDING COVERAGE</b>                                                                                                            |  |
|                                                                                                                  |  | <b>INSURER A:</b> Auto Owners Insurance Company                                                                                                 |  |
|                                                                                                                  |  | <b>INSURER B:</b> EMC Insurance Companies                                                                                                       |  |
|                                                                                                                  |  | <b>INSURER C:</b> U.S. Specialty Insurance Co                                                                                                   |  |
|                                                                                                                  |  | <b>INSURER D:</b>                                                                                                                               |  |
|                                                                                                                  |  | <b>INSURER E:</b>                                                                                                                               |  |
|                                                                                                                  |  | <b>INSURER F:</b>                                                                                                                               |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                            |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------|
| <b>COVERAGES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>CERTIFICATE NUMBER:</b> | <b>REVISION NUMBER:</b> |
| THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. |                            |                         |

| INSR LTR | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                                                                                     | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                                                                    |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|---------------|-------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br><input checked="" type="checkbox"/> XCU<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC<br>OTHER: | X         | X        | 33007656      | 11/01/2018              | 11/01/2019              | EACH OCCURRENCE \$ 1,000,000<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000<br>MED EXP (Any one person) \$ 10,000<br>PERSONAL & ADV INJURY \$ 1,000,000<br>GENERAL AGGREGATE \$ 2,000,000<br>PRODUCTS - COMP/OP AGG \$ 2,000,000 |
| A        | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY<br><input type="checkbox"/> ANY AUTO<br><input type="checkbox"/> ALL OWNED AUTOS<br><input type="checkbox"/> HIRED AUTOS<br><input type="checkbox"/> SCHEDULED AUTOS<br><input type="checkbox"/> NON-OWNED AUTOS                                                                                             | X         | X        | 9536751602    | 07/01/2018              | 07/01/2019              | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$                                                                                 |
| A        | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR<br><input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br>DED <input checked="" type="checkbox"/> RETENTION \$ WAIVED                                                                                                                               |           |          | 9536751603    | 11/01/2018              | 11/01/2019              | EACH OCCURRENCE \$ 9,000,000<br>AGGREGATE \$ 9,000,000                                                                                                                                                                                    |
| B        | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below                                                                                                                                                                                | Y/N       | N/A      | 5H7377019     | 10/13/2018              | 10/13/2019              | <input checked="" type="checkbox"/> PER STATUTE <input checked="" type="checkbox"/> OTH-ER<br>E.L. EACH ACCIDENT \$ 1,000,000<br>E.L. DISEASE - EA EMPLOYEE \$ 1,000,000<br>E.L. DISEASE - POLICY LIMIT \$ 1,000,000                      |
| C        | Professional Liab                                                                                                                                                                                                                                                                                                                                                     |           |          | USS1828843    | 07/01/2018              | 07/01/2019              | Ea. Claim 2,000,000<br>Aggregate 2,000,000                                                                                                                                                                                                |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

When required by contract or written agreement, certificate holder is included as Additional Insured with Waiver of Subrogation as indicated above.

**CERTIFICATE HOLDER****CANCELLATION**

CIDE006

City of De Pere  
925 South Sixth Street  
De Pere, WI 54115

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Pete Suminski

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## City of De Pere Water Utility 2019 Reservoir Inspection Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements as specified in this proposal.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices per reservoir inspection to meet said requirements are as follows:

Lump Sum Price for 9<sup>th</sup> Street Reservoir Inspection: Three Thousand, Four Hundred Dollars, \$3,400.00

Dixon Engineering, Inc.

Name of Firm

4811 S. 76<sup>th</sup> Street, Suite 109, Greenfield, WI 53220

Address of Firm

(414) 529-1859

Telephone Number

Attachment: Dixon Engineering (8073 : Consider Reservoir Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: **Dixon Engineering, Inc.** and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Kayla Mulcahy  
Signature of Bidder

March 28, 2019  
Date

Kayla Mulcahy  
Print or Type Name of Bidder

Project Manager  
Title

Estimated Start Date: April 8, 2019

Attachment: Dixon Engineering (8073 : Consider Reservoir Inspection Contract)



## Village of Allouez Water Utility

### 2019 Reservoir Inspection Proposal

The following proposal is submitted to: Village of Allouez in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements as specified in this proposal.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Allouez to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Allouez's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet Village of Allouez's requirements and that the prices per reservoir inspection to meet said requirements are as follows:

Lump Sum Price for 141 VanDeHei Road Reservoir Inspection: Two Thousand, Seven Hundred, Fifty Dollars, \$2,750.00

Lump Sum Price for 3211 Libal Street Reservoir Inspection: Two Thousand, Seven Hundred, Fifty Dollars, \$2,750.00

Lump Sum Price for 821 Dauphin Street Reservoir Inspection: Two Thousand, Seven Hundred, Fifty Dollars, \$2,750.00

Lump Sum Price for 717 Kalb Street Reservoir Inspection: Two Thousand, Seven Hundred, Fifty Dollars, \$2,750.00

Dixon Engineering, Inc.  
Name of Firm

4811 S. 76<sup>th</sup> Street, Suite 109, Greenfield, WI 53220  
Address of Firm

(414) 529-1859  
Telephone Number

Attachment: Dixon Engineering (8073 : Consider Reservoir Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: **Dixon Engineering, Inc.** and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Kayla Mulcahy  
Signature of Bidder

March 28, 2019  
Date

Kayla Mulcahy  
Print or Type Name of Bidder

Project Manager  
Title

Estimated Start Date: April 9, 2019

Attachment: Dixon Engineering (8073 : Consider Reservoir Inspection Contract)





The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: JAMES ORR COATING INSPECTION and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

James Orr  
Signature of Bidder

3/25/2019  
Date

JAMES ORR  
Print or Type Name of Bidder

OWNER  
Title

Estimated Start Date:

APRIL 15,  
2019

SCHEDULE: 1 DAY PER TANK

Attachment: Jim Orr Coating Inspection (8073 : Consider Reservoir Inspection Contract)

## Village of Allouez Water Utility

### 2019 Reservoir Inspection Proposal

The following proposal is submitted to: Village of Allouez in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements as specified in this proposal.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Allouez to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Allouez's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet Village of Allouez's requirements and that the prices per reservoir inspection to meet said requirements are as follows:

Lump Sum Price for 141 VanDeHei Road Reservoir Inspection: \$ 5,600

Lump Sum Price for 3211 Libal Street Reservoir Inspection: \$ 2,780

Lump Sum Price for 821 Dauphin Street Reservoir Inspection: \$ 2,780

Lump Sum Price for 717 Kalb Street Reservoir Inspection: \$ 2,780

JAMES ORR COATING INSPECTION  
Name of Firm

1013 VALLEY STREAM DR. MADISON, WI  
Address of Firm

608-213-8085  
Telephone Number

SCHEDULE: 1 DAY PER TANK

Attachment: Jim Orr Coating Inspection (8073 : Consider Reservoir Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of:

JAMES ORR COATING INSPECTIVE and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

James OM  
Signature of Bidder

3/25/2019  
Date

JAMES ORR  
Print or Type Name of Bidder

OWNER  
Title

Estimated Start Date:

MAY 1, 201

Attachment: Jim Orr Coating Inspection (8073 : Consider Reservoir Inspection Contract)





## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
03/25/2019

3.8.f

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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| <b>PRODUCER</b><br>Robertson Ryan - Waukesha<br>20975 Swenson Drive, Suite 175<br>Waukesha, WI 53186 | <b>CONTACT NAME:</b> Sharon Zraik<br><b>PHONE (A/C, No, Ext):</b> (414) 221-0347<br><b>FAX (A/C, No):</b> (262) 717-9436<br><b>E-MAIL ADDRESS:</b> szraik@robertsonryan.com                                                                                                                                                                                                                                                                                                                                                                    |                               |  |        |                                                                |  |  |                                  |  |       |                              |  |       |            |  |  |            |  |  |            |  |  |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--|--------|----------------------------------------------------------------|--|--|----------------------------------|--|-------|------------------------------|--|-------|------------|--|--|------------|--|--|------------|--|--|
| <b>INSURED</b><br><br>James Orr Coating Inspection Llc<br>1013 Valley Stream Dr<br>Madison, WI 53711 | <table border="1"><thead><tr><th colspan="2">INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr></thead><tbody><tr><td colspan="2">INSURER A: Cincinnati Specialty Underwriters Insurance Company</td><td></td></tr><tr><td colspan="2">INSURER B: PROGRESSIVE COMPANIES</td><td>17221</td></tr><tr><td colspan="2">INSURER C: SOCIETY INSURANCE</td><td>15261</td></tr><tr><td colspan="2">INSURER D:</td><td></td></tr><tr><td colspan="2">INSURER E:</td><td></td></tr><tr><td colspan="2">INSURER F:</td><td></td></tr></tbody></table> | INSURER(S) AFFORDING COVERAGE |  | NAIC # | INSURER A: Cincinnati Specialty Underwriters Insurance Company |  |  | INSURER B: PROGRESSIVE COMPANIES |  | 17221 | INSURER C: SOCIETY INSURANCE |  | 15261 | INSURER D: |  |  | INSURER E: |  |  | INSURER F: |  |  |
| INSURER(S) AFFORDING COVERAGE                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NAIC #                        |  |        |                                                                |  |  |                                  |  |       |                              |  |       |            |  |  |            |  |  |            |  |  |
| INSURER A: Cincinnati Specialty Underwriters Insurance Company                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |  |        |                                                                |  |  |                                  |  |       |                              |  |       |            |  |  |            |  |  |            |  |  |
| INSURER B: PROGRESSIVE COMPANIES                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17221                         |  |        |                                                                |  |  |                                  |  |       |                              |  |       |            |  |  |            |  |  |            |  |  |
| INSURER C: SOCIETY INSURANCE                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 15261                         |  |        |                                                                |  |  |                                  |  |       |                              |  |       |            |  |  |            |  |  |            |  |  |
| INSURER D:                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |  |        |                                                                |  |  |                                  |  |       |                              |  |       |            |  |  |            |  |  |            |  |  |
| INSURER E:                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |  |        |                                                                |  |  |                                  |  |       |                              |  |       |            |  |  |            |  |  |            |  |  |
| INSURER F:                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |  |        |                                                                |  |  |                                  |  |       |                              |  |       |            |  |  |            |  |  |            |  |  |

| COVERAGES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                          | CERTIFICATE NUMBER:                              |               | REVISION NUMBER:        |                         |                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------|-------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. |                                                                                                                                                                                                                                                                                                          |                                                  |               |                         |                         |                                                                                                                                                                                                                                          |
| INSR LTR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                        | ADDL SUBR INSD: WVD                              | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                                                                   |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br><br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC<br>OTHER: |                                                  | CSU 0123828   | 11/14/2018              | 11/14/2019              | EACH OCCURRENCE \$ 1,000,000<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000<br>MED EXP (Any one person) \$ 1,000<br>PERSONAL & ADV INJURY \$ 1,000,000<br>GENERAL AGGREGATE \$ 2,000,000<br>PRODUCTS - COMP/OP AGG \$ 2,000,000 |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY<br><input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS<br><input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY                                            |                                                  | 00438271-0    | 02/11/2019              | 02/11/2020              | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$                                                                                |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR<br><input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br>DED RETENTION \$                                                                                                             |                                                  | CSU 0127915   | 02/11/2019              | 11/14/2019              | EACH OCCURRENCE \$ 1,000,000<br>AGGREGATE \$ 1,000,000                                                                                                                                                                                   |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below                                                                                                                   | Y/N<br><input checked="" type="checkbox"/> Y N/A | WP19005548    | 02/12/2019              | 02/12/2020              | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER<br>E.L. EACH ACCIDENT \$ 100,000<br>E.L. DISEASE - EA EMPLOYEE \$ 100,000<br>E.L. DISEASE - POLICY LIMIT \$ 500,000                                      |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Professional/E&O/Non                                                                                                                                                                                                                                                                                     |                                                  | CSU 0123829   | 11/14/2018              | 11/14/2019              | \$1,000 Retention 1,000,000                                                                                                                                                                                                              |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

## CERTIFICATE HOLDER

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



# References for James Orr

3.8.f

Adam Wiederhoeft  
Madison Water Depart  
119 East Olin Ave.  
Madison, WI 53713  
Tel: 608-266-9121  
[AWiederhoeft@madisonwater.org](mailto:AWiederhoeft@madisonwater.org)  
Project Manager and Inspector  
500,000 Gallon Crosshill Sphere (Rehab)  
3 MG Bunker Hill Reservoir (Rehab)  
3 MG Spaanem Standpipe (Rehab)

Rob Minnema  
Beaver Dam Utilities  
108 Mrytle Road  
Beaver Dam, WI 53916  
Tel: 920-887-4628  
[rminnema@cityofbeaverdam.com](mailto:rminnema@cityofbeaverdam.com)  
Project Manager and Inspector  
(Two) NSF Reactor Softener Clarifiers  
(One) Wastewater Primary Clarifier

Roger Johnson  
Village of Clinton  
301 Cross St.  
Clinton, WI 53525-0129  
Tel: 608-751-1772  
[dpw@clintonwi.us](mailto:dpw@clintonwi.us)  
Project Manager and Inspector  
300,000 Gallon Sphere (Rehab)  
Lift Station #1 (Rehab)

Sam Warp  
Marshfield WWTP  
2601 East 34<sup>th</sup> St.  
Marshfield, WI 54449  
Tel: 715-591-2007  
[Sam.warp.@ci.marshfield.wi.us](mailto:Sam.warp.@ci.marshfield.wi.us)  
Project Manager and Inspector  
Two Wastewater Primary Clarifiers (Rehabs)

Mark Gremmer  
Milwaukee Water Works  
3000 North Lincoln Memorial Dr.  
Milwaukee, WI 53221  
Tel: 414-286-5508  
[mark.gremmer@milwaukee.gov](mailto:mark.gremmer@milwaukee.gov)  
Project Manager and Inspector  
2 MG Greenfield Legged Tank (Rehab)  
6 MG Lincoln West Reservoir (Rehab)  
6 MG Lincoln East Reservoir (Rehab)

Harry Mathos  
Beloit Utilities  
2400 Springbrook Ct.  
Beloit, WI 53511  
Tel: 608-364-5721  
[MathosH@ci.beloit.wi.us](mailto:MathosH@ci.beloit.wi.us)  
Project Manager and Inspector  
500,000 Gallon Standpipe (Rehab)  
(One) Wastewater Primary Clarifier Rehab

John Hauth  
Lancaster Utilities  
206 East Madison St.  
Lancaster, WI 53813  
Tel: 608-723-2338  
[waterdpt@tds.net](mailto:waterdpt@tds.net)  
Project Manager and Inspector  
Older 500,000 Gallon Sphere (Rehab)  
New 500,000 Gallon Sph. (DNR Inspection)

Jason Equitz  
Village of East Troy  
215 Energy Dr.  
East Troy, WI 53120  
Tel: 262-642-6255  
[jequitz@easttroywi.gov](mailto:jequitz@easttroywi.gov)  
Project Manager and Inspector  
200,000 Gallon Sphere (Rehab)

Attachment: Jim Orr Coating Inspection (8073 : Consider Reservoir Inspection Contract)

**James Orr**  
 1013 Valley Stream Dr.  
 Madison, WI 53711  
 Tel: 608-213-8085

**Certifications:**

1994 Graduated from the National Association of Corrosion Engineers Certified Coating Inspector Program #3313.

**Employment History:**

2009 - 2018 Dixon Engineering, Inc.- Worked as a salesman, estimator, project manager and coating inspector on large complex water tank rehab and large complexed wastewater projects.

2005 - 2009 Spectrum Contracting, Inc. - Worked as a salesman, estimator and project manager large complex concrete repair and high-performance coating projects in Wisconsin.

2002 - 2005 Sherwin Williams - Worked as a coating sales consultant for the water, wastewater and power industries in Wisconsin.

2000 - 2002 Tnemec Company - Worked as a coating sales consultant for the water and wastewater industry in Wisconsin.

1990 - 2000 John W. Egan Co., Inc. - Worked as salesman, estimator and project manager for large complexed coating projects throughout New England

1985 - 1990 International Brotherhood on Union Painters DC 35 Boston, MA - Worked on tank, wastewater and power projects.

**Associations:**

American Water Works Association, Wisconsin Rural Water, Wisconsin Wastewater Operators Associations, Steel Structures Painting Council, National Associations of Corrosion Engineers

**Conference Presentations:**

UW Madison Extension – Publicly spoke on coatings for the water tank industry

AWWA Conference – Publicly spoke on water tank maintenance

WWOA Conference – Publicly spoke on protective coatings in the wastewater environments

**Education:**

1985 Graduated from University of Wisconsin, Bachelor of Science Degree



**Form W-9**  
Rev. December 2014  
Department of the Treasury  
Internal Revenue Service

# Request for Taxpayer Identification Number and Certification

Give Form to the  
requester. Do not  
send to the IRS.

1. Name (as shown on your income tax return). Name it may also be known as, do not leave this line blank.  
**JAMES ORR**

2. Business name disregarded entity name, if different from above.  
**JAMES ORR COATING INSPECTION, LLC.**

3. Check appropriate box for federal tax classification; check only one of the following seven boxes:  
☒ Individual sole proprietor or single member LLC  
☐ C Corporation  
☐ S Corporation  
☐ Partnership  
☐ Trust/estate  
☐ Limited liability company. Enter the tax classification (C-C corporation, S-C corporation, P-partnership):  
 Note: For a single-member LLC that is disregarded, do not check LLC. Check the appropriate box in the line above for the tax classification of the single-member owner.  
☐ Other (see instructions):

4. Exemptions (codes apply only to certain entities; not individuals; see instructions on page 3):  
 Exempt payee code (if any):  
 Exemption from FATCA reporting code (if any):

5. Address (number, street, and apt. or suite no.):  
**1013 VALLEY STREAM DR.**

6. City, state, and ZIP code:  
**MADISON, WI 53711**

7. List account number(s) here (optional):

8. Requester's name and address (optional):

## Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see How to get a TIN on page 3.

Note: If the account is in more than one name, use the instructions for line 1 and the chart on page 4 for guidance on whose number to enter.

Social security number

or

Employer identification number

**83-2417238**

## Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
  - I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
  - I am a U.S. citizen or other U.S. person (defined below); and
  - The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.
- Certification instructions.** You must check out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here: Signature of U.S. person: **James Orr** Date: **12/20/15**

## General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.  
 Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at [www.irs.gov/form945](http://www.irs.gov/form945).

### Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN), which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1042-S (income or mutual fund sales and certain other transactions by agents)
- Form 1099-C (cancellation of real estate mortgage debt)
- Form 1099-A (secured loan and third party network transactions)

• Form 1098 (home mortgage interest), 1098-E (charitable contribution), 1099-SS (social security)

• Form 1099-C (canceled debt)

• Form 1099-A (cancellation or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.

By signing the filed-out form, you:

1. Certify that the TIN you are giving is correct for you are waiting for a number to be issued;

2. Certify that you are not subject to backup withholding; or

3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income; and

4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See What is FATCA reporting? on page 2 for further information.

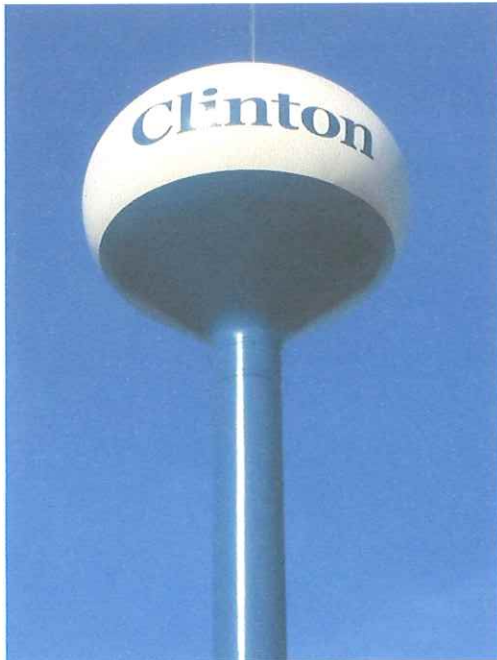
# James Orr Water Tank Inspections



Drain and Clean Out Method



Dive and Clean Out Method



Exterior Painting



Coating Inspection

- Wisconsin 5 Year DNR Water Tank Inspections
- Minor Tank Repairs
- Coating and Repair Estimates for Rehab Purposes
- Installation of Water Mixers
- Cellular Antenna Inspections

Contact James Orr at 608-213-8085 or [orrinspect@gmail.com](mailto:orrinspect@gmail.com)





## KLM ENGINEERING, INC.

1976 Wooddale Drive, Suite 4 | Woodbury, MN 55125  
Phone (651) 773-5111 | Fax (651) 773-5222

March 20, 2019

US Mail

Mr. Scott J. Thoresen, P.E.  
Director of Public Works  
City of De Pere  
925 South Sixth Street  
De Pere, Wisconsin 54115-1199

**RE: Proposal for One (1) DNR Dry Tank Inspection and Cleanout of the 250,000-Gallon GSR Located in the City of De Pere, Wisconsin.**

Dear Mr. Thoresen:

KLM is pleased to submit this proposal to inspect the above mentioned GSR located in De Pere, Wisconsin. KLM proposes to perform an inspection of the existing conditions of this tank in conformance with WIDNR requirements NR810.14 and the DNR Form 3300-248 and the AWWA Manual M42 Appendix C Inspecting and Repairing Steel Water Tanks and Elevated Tanks for Water Storage. This type of inspection is not just a verbal report on existing conditions. Color photographs substantiate the details of this report.

By choosing KLM Engineering, Inc., the City of De Pere is investing in the knowledge and expertise of a consultant who can perform an accurate and unbiased inspection of your water tank. This 5-year anniversary inspection will establish a baseline of the current conditions of the tank. The summary and DNR report will define the deficiencies, recommendations, and the next time the tank should be inspected and, if necessary, any immediate maintenance.

The experience of KLM's staff in both concrete and steel water tower inspections has been enhanced by our training as National Association of Corrosion Engineers (NACE) Certified Coatings Inspectors and American Welding Society (AWS) Certified Welding Inspectors. This training, plus the years of experience in abrasive blasting (surface preparation) painting, rigging, welding, and inspecting has given this company a competitive edge for performing this type of work in a safe and professional manner.

### Benefits

KLM will provide to the Owner a summary and DNR report, which will provide the following benefits:

1. DNR Form 3300-248.
2. Clearly stating the actual condition of the coatings and structural integrity.
3. Identify the amount of sediment and remove it from the tank.
4. Estimate the next time it needs cleaning.
5. Color photographs substantiate the report
6. Cost estimate for any recommended future work.
7. Provide a schedule for performing recommended maintenance work.
8. Recommendation of immediate repairs, future repairs and inspections.

Attachment: KLM Engineering (8073 : Consider Reservoir Inspection Contract)



The inspection reports will be provided to the City of De Pere in digital format (PDF) unless indicated to KLM otherwise.

### **KLM Work Plan**

KLM will provide a two-person crew and all the equipment required to perform the dry tank inspection and cleanout of the tank. The tank will take about 6-8 hour to clean, inspect and disinfect.

The dry tank inspection is the method recommended by AWWA M 42 D101-53 (R1986) Part A. However, this method of inspection is limited to areas accessible from a ladder or areas that can be reached from the floor.

KLM will inspect the floors, the walls, and any interior structures of the tank accessible by ladders. All accessible exterior surfaces, including the roof, will also be inspected. KLM will measure and photograph all areas that need to be included in the summary and DNR inspection reports.

The clean-out and disinfection will be performed in accordance to the proposal. Clean-out can be performed using a 3000-psi pressure washer if necessary. KLM will supply a sump pump if needed for the clean-out. KLM will disinfect the tank in accordance with Method 1, 2, or 3 of AWWA C652-11. KLM will require the assistance of the Owner to back-flush and man the fill pipe valve. KLM will supply the chlorine.

### **Owner's Responsibilities**

KLM will require the assistance of the Owner to back-flush the fill pipe of each tank. The Owner would need to provide a supply of water to perform the cleaning and disinfection. A typical clean-out consists of washing down most of the heavy sediment while the water is draining.

The Owner's personnel shall also be responsible for:

- Per DNR Code NR814.14 (3) Department Notification, the department's regional drinking water staff person shall be given 48-hours prior notice of the date and time of inspection.
- Draining the tank prior to inspection, the tank will be ready for cleaning and inspection.
- Manning the shut off valve always
- Opening and closing the inlet/outlet pipe
- Verifying that clean out and disinfection have been performed to Owner's satisfaction
- Disposing of sediment and debris
- Taking and testing water samples
- Providing a hydrant for the pressure washer water
- Providing copies of background information on tank, including maintenance records, construction drawings, previous inspection reports, and previous painting or reconditioning specifications. It is especially helpful if this information is collected prior to KLM's personnel beginning its inspection.

### Inspection Fees

#### **WIDNR Dry Tank Inspection and Cleanout**

The WIDNR dry tank inspection and cleanout of the 250,000-gallon GSR will be performed for a fee of \$4,200.00. Fee is based on one day for inspection, cleanout and chlorination.

The fees are based on one trip to De Pere, WI. If the tank can be cleaned out on the same mobilization as other inspections with Allouez, De Pere and Manitowoc, KLM will reduce the fees by \$800.00.

If for some reason beyond KLM's control, the inspection of tank cannot be performed in one day, and KLM must return for a second day to complete the inspection, the cost of a second day of inspection would be \$1,500.00. KLM can replace the existing manway gasket(s) for a \$150.00 fee per gasket. **If KLM were requested to take coating samples from the tank to check for lead and chromium this would be an additional \$500.00.** Fees are subject to change if proposed work exceeds 12 months from this bid proposal.

### Terms and Conditions

KLM has attached our standard Terms and Conditions. The attached Terms and Conditions are part of this agreement between the City of De Pere, Wisconsin and KLM Engineering, Inc. unless otherwise agreed to in writing by both parties.

### Additional Information

Additional information can be found at KLM's website at: [www.klmengineering.com](http://www.klmengineering.com)

**Agreement**

This proposal is valid for work in 2019, with required completion by September 27, 2019. If the City of De Pere finds this proposal acceptable, please sign and return. When KLM receives the signed proposal, we will call the Owner to coordinate an inspection time. When the City of De Pere receives the inspection report, KLM will bill the Owner according to this agreement.

This agreement, between the City of De Pere, Wisconsin and KLM Engineering, Inc. of Woodbury, Minnesota is accepted by:

|                                                                                   |                  |                       |
|-----------------------------------------------------------------------------------|------------------|-----------------------|
| _____                                                                             | _____            | City of De Pere,      |
| (Name)                                                                            | (Title)          | Wisconsin             |
| _____                                                                             |                  |                       |
| (Date)                                                                            |                  |                       |
|  | WI Sales Manager | KLM Engineering, Inc. |
| (Name)                                                                            | (Title)          | Woodbury, Minnesota   |
| _____                                                                             |                  |                       |
| March 20, 2019                                                                    |                  |                       |
| (Date)                                                                            |                  |                       |

We look forward to working with you.

Sincerely,

**KLM ENGINEERING, INC.**

Michael Olesen

WI Sales Manager

Office: 651-773-5111

Fax: 651-773-5222

Cell: 920-988-3431

Email: [MOlesen@klmengineering.com](mailto:MOlesen@klmengineering.com)

Enclosed: Quotation Submittal Form, KLM's Insurance Certificate, Terms and Conditions

U:\Proposals\Allouez and Depere ROV and Dry Inspections\De Pere, WI Proposal 1-Dry Tank Inspection-Cleanout 1-250kg GSR Rev.1.doc

Attachment: KLM Engineering (8073 : Consider Reservoir Inspection Contract)



## City of De Pere Water Utility 2019 Reservoir Inspection Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements as specified in this proposal.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices per reservoir inspection to meet said requirements are as follows:

Lump Sum Price for 9<sup>th</sup> Street Reservoir Inspection:      \$ 4,200.00

KLM Engineering, Inc.  
Name of Firm

1976 Wooddale Drive, Suite 4, Woodbury, MN 55125  
Address of Firm

651-773-5111  
Telephone Number

Attachment: KLM Engineering (8073 : Consider Reservoir Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: KLM Engineering, Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Michael C Olesen  
Signature of Bidder

3-20-2019  
Date

Michael C. Olesen  
Print or Type Name of Bidder

WI Sales Manager  
Title

Estimated Start Date: June 1, 2019

Attachment: KLM Engineering (8073 : Consider Reservoir Inspection Contract)





KLMENG1

## CERTIFICATE OF LIABILITY INSURANCE

DATE

3.8.g

11/27/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|                                                                                                                     |              |                                       |                                            |                                    |
|---------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------------|--------------------------------------------|------------------------------------|
| <b>PRODUCER</b><br>American Insurance Services<br>615 South Barstow St.<br>Eau Claire, WI 54701<br>Daniel S Ortmann | 715-839-8004 | <b>CONTACT NAME:</b> Daniel S Ortmann | <b>PHONE (A/C, No, Ext):</b> 715-839-8004  | <b>FAX (A/C, No):</b> 715-835-5127 |
|                                                                                                                     |              |                                       | <b>E-MAIL ADDRESS:</b> dortmann@ais.insure |                                    |
|                                                                                                                     |              | <b>INSURER(S) AFFORDING COVERAGE</b>  |                                            | <b>NAIC #</b>                      |
|                                                                                                                     |              | <b>INSURER A:</b> Selective           |                                            | 19259                              |
|                                                                                                                     |              | <b>INSURER B:</b> Lloyd's of London   |                                            |                                    |
|                                                                                                                     |              | <b>INSURER C:</b>                     |                                            |                                    |
|                                                                                                                     |              | <b>INSURER D:</b>                     |                                            |                                    |
|                                                                                                                     |              | <b>INSURER E:</b>                     |                                            |                                    |
|                                                                                                                     |              | <b>INSURER F:</b>                     |                                            |                                    |

**COVERAGES** **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                                  | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                                                        |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|---------------|-------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br><br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC<br>OTHER: |           |          | S 2266415     | 11/23/2018              | 11/23/2019              | EACH OCCURRENCE \$ 1,000,<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,<br>MED EXP (Any one person) \$ 15,<br>PERSONAL & ADV INJURY \$ 1,000,<br>GENERAL AGGREGATE \$ 2,000,<br>PRODUCTS - COMP/OP AGG \$ 2,000,<br>\$ |
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| A        | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR<br><input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br>DED <input checked="" type="checkbox"/> RETENTION \$ 0                                                                                 |           |          | S 2266415     | 11/23/2018              | 11/23/2019              | EACH OCCURRENCE \$ 4,000,<br>AGGREGATE \$ 4,000,<br>\$                                                                                                                                                                        |
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| B        | Error & Omissions                                                                                                                                                                                                                                                                                                  |           |          | HPL16-0805    | 11/23/2018              | 11/23/2019              | Per Claim \$ 1,000,<br>Aggregate \$ 2,000,                                                                                                                                                                                    |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

## CERTIFICATE HOLDER

## CANCELLATION

KLM Engineering, Inc.  
1976 Wooddale Drive, Suite 4  
Woodbury, WI 55125

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE  
Daniel S Ortmann

KLM ENGINEERING, INC.  
TERMS AND CONDITIONS

1. **BASIC SERVICES.** The scope of KLM's work is described in the attached proposal or contract agreement and may not be expanded or reduced except by mutual agreement in writing.
2. **ADDITIONAL SERVICES.** Additional work or services shall not be performed without a duly executed change order or purchase order outlining the scope of additional work on services.
3. **OWNER'S RESPONSIBILITIES.** OWNER shall fully disclose to KLM its knowledge of the condition of the structure and its past and present contents and shall provide KLM with full information regarding the requirements for the project; shall designate an individual to act on OWNER'S behalf regarding the project. If necessary, shall clean and make the structure safe for entry; shall furnish the service of other consultants (including engineers, insurance consultants, accountants, attorneys, etc.) when those services are reasonable required or are reasonably requested by KLM; shall test for pollution and hazardous materials when required by law or requested by KLM; and shall provide all necessary permits and other authorization.
4. **SAFETY.** KLM shall only be responsible for safety of KLM personnel at the work site. The Owner or other persons shall be responsible for the safety of all other persons at the site. Owner shall inform KLM of any known or suspected hazardous materials or unsafe conditions at the work site. If, during the course of the work, such materials, or conditions are discovered, KLM reserves the right to take measures to protect KLM personnel and equipment or to immediately terminate services. Owner agrees to be responsible for payment of such additional protection costs. Upon such discovery, KLM agrees to immediately notify the Owner in writing, of the hazardous materials or unsafe conditions.
5. **HAZARDOUS MATERIALS.** Unless agreed in the scope of work KLM has no responsibility for the discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials at the project site. To the full extent permitted by the law, OWNER shall defend and indemnify KLM and its employees from all claims, including costs and attorney fees, arising out of the presence of hazardous materials on the job site.
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7. **STANDARD OF CARE.** KLM will perform services consistent with the level of care and skill normally performed by other firms in the profession at the time of this service and in the geographic area, and under similar budgetary constraints. No other warranty is implied or intended.
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9. **INSURANCE.** KLM will maintain worker's compensation insurance and comprehensive general liability insurance and will provide OWNER with a certificate of insurance upon owner's request.



10. **PAYMENT, INTEREST AND BREACH.** KLM will submit itemized monthly or other periodic invoices for work previously performed. Invoices are due upon receipt. OWNER will inform KLM of invoice questions or disagreements within 15 days of invoice date, unless so informed, invoices are deemed correct. OWNER shall make payment within 30 days after receiving each statement, and overdue payments will bear interest at 1.5 percent per month if OWNER is a business entity and at the legal rate of interest of the state in which the project is located if OWNER is a consumer. If any invoice remains unpaid for 60 days, such non-payment shall be a material breach of this agreement. As a result of such material breach, KLM may, at its sole option, suspend all duties to the Owner or other persons, without liability. Owner will pay all KLM collection expenses and attorney fees relating to past due fees, which the Owner owes under this agreement.
11. **MUTUAL INDEMNIFICATION.** Except as to matters actually covered by insurance purchased by KLM, KLM agrees to hold harmless and indemnify OWNER from and against liability arising out of KLM's negligent performance of the work, subject to any limitations, other indemnification's or other provisions OWNER and KLM have agreed to in writing. Except as to matters actually covered by insurance purchased by OWNER, OWNER agrees to hold harmless and indemnify KLM from and against liability arising out of OWNER'S negligent conduct, subject to any limitations, other indemnification's or other provisions OWNER and KLM have agreed to.
12. **LIMITATION OF LIABILITY.** OWNER agrees to limit KLM's liability to OWNER arising from professional acts, errors or omissions, such that the total aggregate liability of KLM does not exceed KLM's project fees except as to matters actually covered by insurance purchased by KLM.
13. **DELAYS.** If KLM work delays are caused by Owner, work of others, strikes, natural causes, weather, or other items beyond KLM's control, a reasonable time extension for performance of work shall be granted, and KLM shall receive an equitable fee adjustment.
14. **TERMINATION.** After 7 days written notice, either party may elect to terminate work for justifiable reasons. In this event, the OWNER shall pay for all work performed, including demobilization and reporting costs to complete the file project and reports to OWNER.
15. **SEVERABILITY.** Any provisions of this agreement later held to violate a law or regulation shall be deemed void, and all remaining provisions shall continue in force. However, OWNER and KLM will in good faith attempt to replace an invalid or unenforceable provision with one that is valid and enforceable, and which comes as close as possible to expressing the intent of the original provision.
16. **KLM'S DOCUMENTS.** All reports, specifications, drawings and other documents furnished by KLM are part of KLM's services to OWNER for use only for the project, and KLM retains all ownership of said documents regardless of whether the project is completed. OWNER may retain copies for reference in connection with the use and occupancy of the project; but KLM does not represent that the documents are suitable for reuse on extension of the project or on other projects. OWNER and others shall not use the documents on other projects or extensions of this project except by KLM's written agreement. OWNER will defend and indemnify KLM from all claims or losses arising out of the unauthorized use of the documents.
17. **ARBITRATION.** Any controversy or claim for money damages arising out of or relating to the making or performance or interpretation of this AGREEMENT, or the breach of this AGREEMENT, shall be settled by arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association. The arbitration panel shall consist of three arbitrators, at least one of who is a structural engineer; and the panel may award only money damages and shall not award equitable relief. Judgment upon the arbitration award may be entered in any court having jurisdiction of the parties. The enforceability of these arbitration provision and arbitration awards will be governed by the Federal Arbitration Act.

18. **ARBITRATION FEES.** The prevailing party to any dispute arising out of this AGREEMENT shall be entitled to recover its reasonable fees and costs from the other party.
19. **JOB SITE IMAGES, PHOTOGRAPHY AND VIDEO.** During the term of this contract and thereafter, KLM has permission to take still photographs or video of the site for training, documentation, education or promotional purposes. A signed agreement constitutes the Owner's written permission to use the photographic image or video in the manner described herein. The only identifiable information to be used by KLM will be the Owner's name as displayed on the image. Acceptance of these terms and conditions is considered a legal release by the Owner allowing KLM to use of photographic images as described herein.

C:\winword\Terms & Cond., proposal.  
11/1997





## KLM ENGINEERING, INC.

1976 Wooddale Drive, Suite 4 | Woodbury, MN 55125  
Phone (651) 773-5111 | Fax (651) 773-5222

March 20, 2019

**By Email Only**

Mr. Scott J. Thoresen, P.E.  
Director of Public Works  
City of De Pere  
925 South Sixth Street  
De Pere, Wisconsin 54115-1199

Mike Mahloch  
Water Utility Foreman  
Village of Allouez  
1900 Libal Street  
Green Bay, WI 54301-2453

**RE: Proposal for Five (5) ROV Visual Assessments of the Following Tank for the Village of Allouez, Wisconsin:**

- **141 VanDeHei Road Reservoirs: 300,000 and 800,000-Gallon Underground Storage Reservoirs**
- **3211 Libal Street Reservoir: 250,000-Gallon Underground Storage Reservoir**
- **821 Dauphin Street Reservoir: 250,000-Gallon Underground Storage Reservoir**
- **717 Kalb Street Reservoir: 250,000-Gallon Underground Storage Reservoir**

Dear Mr. Thoresen & Mr. Mahloch:

KLM is pleased to submit this proposal to perform five (5) ROV visual assessments/inspections on the above mentioned reservoirs located in Allouez, Wisconsin. KLM proposes to perform visual inspections/assessments of the existing conditions and document the amount of sediment in these reservoirs in conformance with DNR requirements NR810.14 and DNR Form 3300-248, the AWWA Manual M42 Appendix C Inspecting and Repairing Steel Water and Water Storage Tanks and the American Concrete Industry ACI 201 Guide for making a Condition Survey of Concrete in Service. This type of inspection is not just a verbal report on existing conditions. Color photographs substantiate the details of these reports.

By choosing KLM Engineering, Inc., the Village of Allouez is investing in the knowledge and expertise of a consultant who can perform an accurate and unbiased assessment of your water tanks. This anniversary inspection will establish a baseline of the current conditions of the water tanks. The summary reports and DNR reports will define the next time the water tanks should be inspected and, if necessary, any immediate or future maintenance.

The experience of KLM's staff in water tanks inspections has been enhanced by our training as National Association of Corrosion Engineers (NACE) Certified Coatings Inspectors and American Welding Society (AWS) Certified Welding Inspectors. This training, plus the years of experience in abrasive blasting (surface preparation) painting, rigging, welding, and inspecting has given this company a competitive edge for performing this type of work in a safe and professional manner.



### **Documentation**

KLM will provide to the Owner a summary and DNR report for each tank, which will provide the following benefits:

1. DNR Form 3300-248
2. Clearly stating the actual condition of the coatings and structural integrity.
3. Identify the amount of sediment and estimate the next time it needs cleaning.
4. Provide a schedule for performing recommended maintenance work.
5. Color photographs substantiate the report.
6. Cost estimate for any recommended future work.
7. Copies of the report justify maintenance recommendations to decision-makers.
8. Recommendation of immediate repairs, future repairs and inspections.

The inspection report will be provided to the Village in digital format (PDF) unless indicated to KLM otherwise.

### **ROV Assessment Work Plan**

KLM plans to utilize a two-man crew and a Remote Operated Vehicle (ROV) to perform the assessment of existing conditions and to determine the amount of sediment in each tank. This will take approximately four to six hours per tank to perform. Video recording will be performed with an underwater camera, which will show the interior wet coating condition and sediment levels. The camera will be disinfected in accordance with AWWA.

KLM will provide NACE Coatings Inspectors, whom are properly trained and qualified to perform this type of inspection. To perform an ROV inspection, the Owner would be required to have the water at or near the high-water level (HWL) at the start of the inspection. KLM inspectors will insert a disinfected ROV into the tank interior, for the interior inspection of the roof, roof structure, and all appurtenances such as vents, manways, and ladders. Photographs will be taken with an underwater camera, which will show the coating deficiencies. The inlet pipe or wet riser is excluded from the inspection, unless otherwise written into this agreement.

### **Remote Operated Vehicle Five (5)**

|                                                                                            |            |
|--------------------------------------------------------------------------------------------|------------|
| 141 VanDeHei Road Reservoirs are 300,000 and 800,000-gallon underground storage reservoirs | \$2,266.00 |
| 3211 Libal Street Reservoir is a 250,000-gallon underground storage reservoir              | \$1,800.00 |
| 821 Dauphin Street Reservoir is a 250,000-gallon underground storage reservoir             | \$1,800.00 |
| 717 Kalb Street Reservoir is a 250,000-gallon underground storage reservoir                | \$1,800.00 |

**Total project fees for the five (5) ROV inspections under one mobilization: \$7,666.00.**

### **Owner's Responsibilities**

The owner's personnel shall be responsible for:

- Per DNR Code NR814.14 (3) Department Notification, the department's regional drinking water staff person shall be given 48-hours prior notice of the date and time of inspections.
- Maintaining as close to the high-water level as possible for the ROV inspections.
- Manning the shut off valve always
- Opening and closing the inlet/outlet pipe
- Taking and testing water samples
- Providing copies of background information on tank, including maintenance records, construction drawings, previous inspection reports, and previous painting or reconditioning specifications. It is especially helpful if this information is collected prior to KLM's personnel beginning its inspection.
- **Note: DNR may be requiring two (2) safe bacteria sample prior to putting tanks back into service. Samples to be taken by the Village of Allouez staff.**

### **Terms and Conditions**

KLM has attached our standard Terms and Conditions. The attached Terms and Conditions are part of this agreement between the Village of Allouez, Wisconsin and KLM Engineering, Inc. unless otherwise agreed to in writing by both parties.

### **Additional Information**

Additional information can be found at KLM's website at: [www.klmengineering.com](http://www.klmengineering.com)

**Agreement**

This proposal is valid for work in 2019, with required completion by September 27, 2019. If the Village of Allouez finds this proposal acceptable, please sign and return. When KLM receives the signed proposal, we will call the Owner to coordinate a schedule for the assessment. When the Village of Allouez receives the reports, KLM will invoice the Owner according to this agreement.

This agreement, between the Village of Allouez, Wisconsin and KLM Engineering, Inc. of Woodbury, Minnesota is accepted by:

|                                                                                   |                  |                                              |
|-----------------------------------------------------------------------------------|------------------|----------------------------------------------|
| _____                                                                             | _____            | Village of Allouez,<br>Wisconsin             |
| (Name)                                                                            | (Title)          |                                              |
|                                                                                   |                  |                                              |
| _____                                                                             |                  |                                              |
| (Date)                                                                            |                  |                                              |
|                                                                                   |                  |                                              |
|  | WI Sales Manager | KLM Engineering, Inc.<br>Woodbury, Minnesota |
| (Name)                                                                            | (Title)          |                                              |
|                                                                                   |                  |                                              |
| March 20, 2019                                                                    |                  |                                              |
| (Date)                                                                            |                  |                                              |

We look forward to working with you.

Sincerely,

**KLM ENGINEERING, INC.**

Michael Olesen

WI Sales Manager

Office: 651-773-5111

Fax: 651-773-5222

Cell: 920-988-3431

Email: [MOlesen@klmengineering.com](mailto:MOlesen@klmengineering.com)

Enclosures: Quotation Submittal Form, KLM's Insurance Certificate, Terms and Conditions

U:\Proposals\Allouez and Depere ROV and Dry Inspections\Allouez, WI Proposal 4-ROV's 3-250 KG GSR 1-1.1 MG GSR (Connect 300 & 800 KG GSR) Rev.1.doc

Attachment: KLM Engineering (8073 : Consider Reservoir Inspection Contract)



## Village of Allouez Water Utility

### 2019 Reservoir Inspection Proposal

The following proposal is submitted to: Village of Allouez in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to conduct inspections of the reservoir to meet all Wisconsin Department of Natural Resources (WDNR) and Wisconsin Statutes NR 810.14 requirements as specified in this proposal.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Allouez to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Allouez's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet Village of Allouez's requirements and that the prices per reservoir inspection to meet said requirements are as follows:

Lump Sum Price for 141 VanDeHei Road Reservoir Inspection: \$ 2,266.00

Lump Sum Price for 3211 Libal Street Reservoir Inspection: \$ 1,800.00

Lump Sum Price for 821 Dauphin Street Reservoir Inspection: \$ 1,800.00

Lump Sum Price for 717 Kalb Street Reservoir Inspection: \$ 1,800.00

KLM Engineering, Inc.  
Name of Firm

1976 Wooddale Drive, Suite 4, Woodbury, MN 55125  
Address of Firm

651-773-5111  
Telephone Number

Attachment: KLM Engineering (8073 : Consider Reservoir Inspection Contract)



The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: KLM Engineering, Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Michael C Olesen

Signature of Bidder

3-20-2019

Date

Michael C. Olesen  
Print or Type Name of Bidder

WI Sales Manager  
Title

Estimated Start Date: June 1, 2019

Attachment: KLM Engineering (8073 : Consider Reservoir Inspection Contract)



KLMENG1

3.8.g

DATE

11/27/2018

## CERTIFICATE OF LIABILITY INSURANCE

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|                                                                                                                     |                     |                                                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCER</b><br>American Insurance Services<br>615 South Barstow St.<br>Eau Claire, WI 54701<br>Daniel S Ortmann | <b>715-839-8004</b> | <b>CONTACT NAME:</b> Daniel S Ortmann<br><b>PHONE (A/C, No, Ext):</b> 715-839-8004<br><b>FAX (A/C, No):</b> 715-835-5127<br><b>E-MAIL ADDRESS:</b> dortmann@ais.insure |
| <b>INSURER(S) AFFORDING COVERAGE</b>                                                                                |                     | <b>NAIC #</b>                                                                                                                                                          |
| <b>INSURER A:</b> Selective                                                                                         |                     | 19259                                                                                                                                                                  |
| <b>INSURER B:</b> Lloyd's of London                                                                                 |                     |                                                                                                                                                                        |
| <b>INSURER C:</b>                                                                                                   |                     |                                                                                                                                                                        |
| <b>INSURER D:</b>                                                                                                   |                     |                                                                                                                                                                        |
| <b>INSURER E:</b>                                                                                                   |                     |                                                                                                                                                                        |
| <b>INSURER F:</b>                                                                                                   |                     |                                                                                                                                                                        |

## COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                                                           | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                                                        |
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| B        | Error & Omissions                                                                                                                                                                                                                                                                                                                           |           |          | HPL16-0805    | 11/23/2018              | 11/23/2019              | Per Claim \$ 1,000,<br>Aggregate \$ 2,000,                                                                                                                                                                                    |

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AUTHORIZED REPRESENTATIVE  
Daniel S Ortmann



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8. **SCHEDULING.** Prior to scheduling the OWNER shall furnish a written purchase order or request for the services required and shall give as much notice as possible in advance of the time when the services are desired. Our ability to respond to such an order will depend upon the amount of advance notice provided. If an inspection is canceled or delayed after KLM personnel and/or equipment are in transit to the work site, then the OWNER shall be billed, according to the TERMS AND CONDITIONS, for costs incurred by KLM.
9. **INSURANCE.** KLM will maintain worker's compensation insurance and comprehensive general liability insurance and will provide OWNER with a certificate of insurance upon owner's request.

10. **PAYMENT, INTEREST AND BREACH.** KLM will submit itemized monthly or other periodic invoices for work previously performed. Invoices are due upon receipt. OWNER will inform KLM of invoice questions or disagreements within 15 days of invoice date, unless so informed, invoices are deemed correct. OWNER shall make payment within 30 days after receiving each statement, and overdue payments will bear interest at 1.5 percent per month if OWNER is a business entity and at the legal rate of interest of the state in which the project is located if OWNER is a consumer. If any invoice remains unpaid for 60 days, such non-payment shall be a material breach of this agreement. As a result of such material breach, KLM may, at its sole option, suspend all duties to the Owner or other persons, without liability. Owner will pay all KLM collection expenses and attorney fees relating to past due fees, which the Owner owes under this agreement.
11. **MUTUAL INDEMNIFICATION.** Except as to matters actually covered by insurance purchased by KLM, KLM agrees to hold harmless and indemnify OWNER from and against liability arising out of KLM's negligent performance of the work, subject to any limitations, other indemnification's or other provisions OWNER and KLM have agreed to in writing. Except as to matters actually covered by insurance purchased by OWNER, OWNER agrees to hold harmless and indemnify KLM from and against liability arising out of OWNER'S negligent conduct, subject to any limitations, other indemnification's or other provisions OWNER and KLM have agreed to.
12. **LIMITATION OF LIABILITY.** OWNER agrees to limit KLM's liability to OWNER arising from professional acts, errors or omissions, such that the total aggregate liability of KLM does not exceed KLM's project fees except as to matters actually covered by insurance purchased by KLM.
13. **DELAYS.** If KLM work delays are caused by Owner, work of others, strikes, natural causes, weather, or other items beyond KLM's control, a reasonable time extension for performance of work shall be granted, and KLM shall receive an equitable fee adjustment.
14. **TERMINATION.** After 7 days written notice, either party may elect to terminate work for justifiable reasons. In this event, the OWNER shall pay for all work performed, including demobilization and reporting costs to complete the file project and reports to OWNER.
15. **SEVERABILITY.** Any provisions of this agreement later held to violate a law or regulation shall be deemed void, and all remaining provisions shall continue in force. However, OWNER and KLM will in good faith attempt to replace an invalid or unenforceable provision with one that is valid and enforceable, and which comes as close as possible to expressing the intent of the original provision.
16. **KLM'S DOCUMENTS.** All reports, specifications, drawings and other documents furnished by KLM are part of KLM's services to OWNER for use only for the project, and KLM retains all ownership of said documents regardless of whether the project is completed. OWNER may retain copies for reference in connection with the use and occupancy of the project; but KLM does not represent that the documents are suitable for reuse on extension of the project or on other projects. OWNER and others shall not use the documents on other projects or extensions of this project except by KLM's written agreement. OWNER will defend and indemnify KLM from all claims or losses arising out of the unauthorized use of the documents.
17. **ARBITRATION.** Any controversy or claim for money damages arising out of or relating to the making or performance or interpretation of this AGREEMENT, or the breach of this AGREEMENT, shall be settled by arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association. The arbitration panel shall consist of three arbitrators, at least one of who is a structural engineer; and the panel may award only money damages and shall not award equitable relief. Judgment upon the arbitration award may be entered in any court having jurisdiction of the parties. The enforceability of these arbitration provision and arbitration awards will be governed by the Federal Arbitration Act.



18. **ARBITRATION FEES.** The prevailing party to any dispute arising out of this AGREEMENT shall be entitled to recover its reasonable fees and costs from the other party.
19. **JOB SITE IMAGES, PHOTOGRAPHY AND VIDEO.** During the term of this contract and thereafter, KLM has permission to take still photographs or video of the site for training, documentation, education or promotional purposes. A signed agreement constitutes the Owner's written permission to use the photographic image or video in the manner described herein. The only identifiable information to be used by KLM will be the Owner's name as displayed on the image. Acceptance of these terms and conditions is considered a legal release by the Owner allowing KLM to use of photographic images as described herein.

C:\winword\Terms & Cond., proposal.  
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## City of De Pere, Wisconsin

### Request For Board of Public Works Action

**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Public Works

**FROM:** Scott Thoresen

**SUBJECT:** Consider Tower Inspection Contract\*

The City is required by Wisconsin Statutes NR 811.08(5) to inspect their water storage facilities every five (5) years. The Merrill Street tower (constructed 1960) was last inspected in 2014. The Matthew tower (constructed in 1986) was last inspected in 2014.

During our planning of this project, staff talked to other communities in the area to see if they had any tower inspection plans for the upcoming year. It turns out that the Manitowoc Public Utilities (MPU) intended to do the same. Therefore, the City bid this project as a joint project with MPU. (See attached proposal) The intent of bidding the projects together were to try to achieve some cost savings for each community.

Staff solicited ten (10) companies for proposals and has received the following quotes (see attached) for performing the above inspections:

|                                                 |            |
|-------------------------------------------------|------------|
| Water Tower Clean and Coat, Inc. Lodi, WI       | = \$4,400  |
| KLM Engineering, Inc., Sturgeon Bay, WI         | = \$ 5,600 |
| Dixon Engineering, Inc., of Hales Corner, WI    | = \$ 6,300 |
| Jim Orr Coating Inspection, LLC, Madison, WI    | = \$ 7,860 |
| Midco Diving & Marine, Rapid City, SD           | = No Bid   |
| Suez Advanced Solution, Gleason, WI             | = No Bid   |
| Pittsburg Tank & Tower Group, Henderson, KY     | = No Bid   |
| LiquiVision Technology, Inc., Klamath Falls, OR | = No Bid   |
| Utility Service Associates, Kalispell, MT       | = No Bid   |
| Badger State Inspections, LLC, Osseo, WI        | = No Bid   |

I reviewed the proposals that were submitted. Staff recommends approving the proposal from Water Tower Clean and Coat, Inc. of Lodi, WI. The 2019 water utility budget has \$10,000 allocated for the inspections.

#### ATTACHMENTS:

- 2019 Water Tower Inspection Proposal (DOCX)
- Sample Consultant Agreement (PDF)
- Tower Inspection Proposal Summary 3-29-19 (XLSX)
- Water Tower Clean & Coat (PDF)
- KLM Engineering (PDF)

- Dixon Engineering (PDF)
- Jim Orr Coating Inspection (PDF)



# City of De Pere

925 South Sixth Street  
DePere, WI 54115-1199  
Phone: 920-339-8095  
Fax: 920-339-4071  
Cell: 920-639-1003

Scott J. Thoresen  
Director of Public Works  
sthoresen@mail.de-pere.org  
[www.de-pere.org](http://www.de-pere.org)

March 1, 2019

RE: Request for Proposals  
2019 Tower Inspections

The City of De Pere and Manitowoc Public Utilities (MPU) are requesting a proposal from your firm to complete inspections of water towers in each community. The City and MPU are required by Wisconsin Statutes NR 810.14 to inspect our water storage facilities every five (5) years.

## City of De Pere Merrill Water Tower

The City of De Pere is requesting a proposal from your firm to complete inspection of the Merrill Tower. The tower is a 250,000 gallon multi-legged steel elevated storage tank that was constructed in 1960. (See picture below) The height of the tower is 121.2 feet and the diameter of the tower is 40 feet. The tower was painted inside and out in 2003. The tower was last inspected in 2014 with a wet inspection. The interior of the tank for this inspection will require at a minimum a dry inspection.







### **City of De Pere Matthew Water Tower**

The City of De Pere is requesting a proposal from your firm to complete inspection of the Matthew Tower. The tower is a 500,000 gallon– single pedestal spheroid steel tank that was constructed in 1986. The height of the tower is 134.5 feet and the diameter of the tower is 56 feet. The tower was last inspected in 2014 with a wet inspection. The interior of the tank for this inspection will require at a minimum a dry inspection.

### **MPU Northwest Water Tower**

Manitowoc Public Utilities (MPU) is requesting a proposal from your firm to complete inspection of the Northwest Water Tower. The tower is a 1,250,000 gallon fluted column (hydropillar) elevated storage tank that was constructed in 2009. (See picture right) The height of the tower is 151 feet and the diameter of the tower is 80 feet. The tower was painted inside and out in 2009. The tower was last inspected in 2014 with a wet inspection. A copy of the wet inspection is available upon request. The tower has a suspended cathodic protection system maintained by CorrPro. Provide up to three (3) pressure relief valves for distribution system hydrants while the tower is offline.



## **MPU Reed Ave Water Tower**

Manitowoc Public Utilities (MPU) is requesting a proposal from your firm to do a complete drained inspection of the Reed Ave Water Tower. The tower is a 1,500,000 gallon multi-legged steel elevated storage tank that was constructed in 1938. (See picture left) The height of the tower is 135 feet and the diameter of the tower is 88 feet. The tower was painted inside and out in 2009. The tower was last inspected in 2014 with a wet inspection. A copy of the wet inspection is available upon request. The tower has a suspended cathodic protection system maintained by CorrPro. Based on a recent CorrPro inspection, MPU is aware that the cathodic protection system will require some repairs while the tower is drained and out of service. A copy of the CorrPro report is available upon request. Contractor agrees to permit access to CorrPro to complete necessary interior repairs for up to two (2) days prior to placing the tank back online. Provide up to three (3) pressure relief valves for distribution system hydrants while the tower is offline.



**Scope of Work:**

1. Review existing drawings, inspections, and as-built of tower and any other pertinent information pertaining to the tower.
2. Coordinate the draining of the tower with utility staff.
3. Conduct inspections of the tower to meet all Wisconsin Department of Natural Resources (WDNR) requirements in accordance with NR810.14.
  - a. Clean and disinfect the tower to meet all Wisconsin Department of Natural Resources (WDNR) requirements in accordance with NR810.14. The Contractor shall provide all necessary equipment and chemicals for the proper disinfection of the tower.
  - b. The Contractor shall coordinate with the Utility on obtaining bacteriological samples of the tower. The Utility shall perform the bacteriological testing.
4. Prepare a final report showing the results of the tower inspection. The report shall include a summary of the inspection and a list of any deficiencies in the tower. The written report will include photos for the tower inspection. The final report will contain recommendations for future work based on the results of this inspection. The report shall also be made available electronically in a PDF format.
5. Deficiencies that require urgent or emergency repairs shall be reported to the Owner immediately.
6. Prepare reports for WDNR as required.
7. The proposal should reflect the necessary effort to perform the above-mentioned work and any additional efforts the firm feels are necessary to complete the project.

**Schedule:**

The water tower inspections for each Water Utility shall be completed by September 27, 2019.

**Indemnification:**

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the Water Utility of each municipality, its officials, agents and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the Water Utility of each municipality, its officials, agents, employees and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the Water Utility of each municipality, its officials, agents, or

employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the Water Utility of each municipality as herein provided.

### **Insurance Requirements:**

The firm shall be required to provide the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than \$1,000,000; with additional umbrella liability insurance coverage to a total of not less than \$2,000,000.
2. Automobile bodily injury and property damage liability insurance covering owned, non-owned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$1,000,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total engineers and/or surveyor's fee on the project, whichever is greater.

### **Additional Information:**

- Sample consultant agreement is attached

### **All proposals should include the following information:**

1. Previous Experience: Past Work on projects of similar or greater magnitude.
2. References: The proposals shall include the Contractor's experience. At a minimum, three (3) similar projects shall be included as references.



3. Cost: Firm shall submit prices on proposal sheets for each community provided with this proposal to complete all work mentioned above.
4. Schedule: Firm shall submit the number of days to complete the inspections and the anticipated start date on proposal sheet for each community provide with this proposal to complete all work mentioned above.

Sealed proposals marked **“Water Tower Inspections”** on envelope are to be delivered or mailed to:

Scott J. Thoresen P.E.,  
 Director of Public Works  
 City of De Pere  
 925 South Sixth Street  
 De Pere, WI 54115

All sealed proposals shall be received no later to 2:00 p.m. on March 29, 2019.

The City of De Pere and MPU reserves the right to reject any or all proposals, to waive any informality in bidding and to accept any proposal which the respective City Council or Commission deems most favorable to the best interest of their community.

If you have any questions regarding MPU’s water towers please call Rob Michaelson at (920) 686-4354.

If you have any questions regarding City of De Pere’s water towers or this proposal, please call Scott Thoresen at (920) 339-8095.

Questions may also be emailed to [sthoresen@mail.de-pere.org](mailto:sthoresen@mail.de-pere.org).

Sincerely,

**DEPARTMENT OF PUBLIC WORKS**

Scott Thoresen, P.E.  
 Director of Public Works

## City of De Pere Water Utility

### **2019 Water Tower Inspection Proposal**

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform water tower inspections.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for water tower inspections to meet said requirements are as follows:

Lump Sum Price for Merrill Water Tower Inspection: \$ \_\_\_\_\_

Lump Sum Price for Matthew Water Tower Inspection: \$ \_\_\_\_\_

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Address of Firm

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Email Address

Attachment: 2019 Water Tower Inspection Proposal (8074 : Consider Tower Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: \_\_\_\_\_ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print or Type Name of Bidder

\_\_\_\_\_  
Title

Estimated Start Date: \_\_\_\_\_

Estimated Work Days to Complete: \_\_\_\_\_

## Manitowoc Public Utility

### 2019 Water Tower Inspection Proposal

The following proposal is submitted to: Manitowoc Public Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform water tower inspections.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Manitowoc Public Utility to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Manitowoc Public Utility's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Manitowoc Public Utility's requirements and that the prices for water tower inspections to meet said requirements are as follows:

Lump Sum Price for Northwest Water Tower Inspection: \$ \_\_\_\_\_

Lump Sum Price for Reed Ave Water Tower Inspection: \$ \_\_\_\_\_

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Address of Firm

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Email Address

Attachment: 2019 Water Tower Inspection Proposal (8074 : Consider Tower Inspection Contract)



The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: \_\_\_\_\_ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print or Type Name of Bidder

\_\_\_\_\_  
Title

Estimated Start Date: \_\_\_\_\_

Estimated Work Days to Complete: \_\_\_\_\_

**AGREEMENT FOR SERVICES BETWEEN THE  
CITY OF DE PERE AND (CONSULTANT NAME)  
(Project Name)**

THIS AGREEMENT, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2016,  
by and between the City of De Pere, Wisconsin, ("City"), and \_\_\_\_\_  
\_\_\_\_\_("Consultant").

WITNESSETH

WHEREAS, the City is in need of \_\_\_\_\_ (project description)  
\_\_\_\_\_; and

WHEREAS, the Consultant has available and offers to provide personnel and facilities  
necessary to accomplish the work within the required time.

NOW THEREFORE, City and Consultant agree as follows:

**I. DESCRIPTION OF PROJECT**

The project is as described in the \_\_\_\_ (date) \_\_\_\_ City Request for Proposals (Exhibit A) and  
Consultants Proposal thereto dated \_\_\_\_ (date) \_\_\_\_ (Exhibit B), both of which are attached hereto and  
incorporated by reference. If a conflict exists between Exhibit A and Exhibit B, the terms of  
Exhibit A shall prevail. If there is a conflict between the terms and conditions of Exhibit A and  
this Agreement, the terms of this Agreement shall prevail.

If, during the course of performing the work, City and Consultant agree that it is  
necessary to make changes in the project as described in the exhibits, such changes will be  
incorporated into this Agreement only by written amendment, signed by the parties.

**II. SCOPE OF CONSULTING SERVICES**

Consultant agrees to perform those services described Exhibits A and B. Any change to  
the scope of services as identified therein shall be defined in writing and authorized by both  
parties prior to performing such work. Such writing shall include the scope of work to be done,  
schedule for commencing and completing the work and the basis for compensation for such  
work.

**III. SCOPE OF CITY SERVICES**

City agrees to provide the Consultant items such as existing plans, standard  
specifications, and other information concerning the project that may be applicable in the  
design of the project, as are available.

#### IV. AUTHORIZATION, PROGRESS, AND COMPLETION

In signing this Agreement, the City grants the Consultant specific authorization to proceed with the work described herein.

For special services, the authorization by the City shall be in writing and shall include the definition of the work to be done, the schedule for commencing and completing the work, and the basis for compensation for the work, all as agreed upon by the City and the Consultant.

#### V. OWNERSHIP AND FORM OF DOCUMENTS

All documents created, maintained or received during the course of this Agreement, including those in electronic form, shall be deemed the property of City and Consultant shall not be considered the owner of any such document nor shall the Consultant retain any common law, statutory, or other right therein, including copyright, patent, or trademark. To that end, Consultant agrees to and hereby does assign and transfer to City all rights, title, and other interests in such drawings, specifications, or other documents, which rights shall including copyright, trademark, or patent rights therein, unless City fails to pay Consultant for such drawings specifications and other documents, in which case the ownership and all rights shall revert to the Consultant.

City hereby grants Consultant a non-exclusive license to use the documents created pursuant to this Agreement, including any standard details used herein.

Consultant acknowledges that, as the Consultant to City, a Wisconsin municipality, Wis. Stats. §19.36(3) applies to it and records produced by it pursuant to this contract are subject to the public records law to the extent they would otherwise be if maintained by the City. Consultant agrees that, within 10 business days of a written request of City, it shall forward to City any such contract or records maintained by Consultant as are requested by City. Such records shall be in the format requested by City provided that such records are kept and maintained in that format. City shall reimburse Consultant for its reasonable costs incurred in complying with this paragraph.

Consultant further agrees to indemnify the City from all costs City incurs should Consultant fail to comply with these requirements.

#### VI. CONFIDENTIALITY OF INFORMATION

Consultant understands that, during the course of work under this contract, Consultant may become privy to confidential information of City. Consultant shall maintain the confidentiality of all information specifically designated confidential by City unless withholding such information would violate the law, create a significant harm to the public, or risk of significant harm to the public.

## VII. TIME FOR COMPLETION

The parties hereto agree that time is of the essence in completion of the project. Should Consultant encounter any circumstances, which, in the Consultant's opinion, will delay their response time, Consultant shall so inform the City as soon as the delay in response time is known.

## VIII. COMPENSATION

The City agrees to pay, and the Consultant agrees to accept, compensation as identified in Exhibit B, to be paid in a lump sum at the conclusion of the work. Payment to the Consultant is due upon receipt of invoice by the City. If payment is not made within 30 days, interest on the unpaid balance will accrue beginning with the 31<sup>st</sup> day at the rate of 1.0 percent per month or the maximum interest rate permitted by law, whichever is less. Such interest will become due and payable at the time said overdue payment is made. Compensation for special services shall be as agreed upon by the City and Consultant and set forth in the written authorization for special services.

## IX. RESPONSIBILITY OF CONSULTANT

The Consultant is employed to render a professional service only, and any payments made to the Consultant are compensation solely for such services rendered and recommendations made in carrying out the work. The Consultant shall follow the practice of its profession to make findings, opinions, factual presentations, and professional advice and recommendations.

## X. NON-DISCRIMINATION

The Consultant agrees that, in performing under this Agreement with the City, it will not discriminate against any employee, applicant for employment or any other person or member of the public on the basis of age, race, creed, color, disability, marital status, sex, national origin, ancestry, arrest record, conviction record, military service, use or non-use of lawful products off the employer's premises during nonworking hours, declining to attend a meeting or to participate in any communication about religious matters or political matters, or any other basis provided under Wis. Stats. §111.321.

## XI. INSURANCE

A. The Consultant shall maintain during the life of the Agreement, the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work under the Agreement as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than



\$1,000,000; with additional umbrella liability insurance coverage for a total of not less than \$2,000,000.

2. Automobile bodily injury and property damage liability insurance covering owned, nonowned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$600,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total consultant's fee on the project, whichever is greater.

B. Proof of Insurance. The Consultant shall furnish the City with a Certificate of Insurance and additional insured endorsement countersigned by a Wisconsin Resident Agent or Authorized Representative of the insurer indicating that the Consultant meets the insurance requirements identified above. The Certificate of Insurance shall include a provision prohibiting cancellation of said policies except upon 30 days' prior written notice to the City and shall name the City as an additional insured under Consultant's general and professional liability policies for the specific contract or project covered. A copy of the Certificate of Insurance and endorsement shall be delivered to the City prior to execution of the agreement for final approval.

## XII. ALLOCATION OF RISKS

To the fullest extent permitted by law, the Consultant shall indemnify and hold harmless the City, City's officers, directors, partners, and employees from and against any and all costs, losses, and damages (including, but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused by the negligent acts or omissions of Consultant or Consultant's officers, directors, partners, employees, and Consultant's Consultants in the performance and furnishing of Consultant's services under this Agreement.

To the fullest extent permitted by law, Consultant's total liability to City and anyone claiming by, through, or under City for any cost, loss or damages caused in part by the negligence of Consultant or Consultant's subcontractor and in part by the negligence of City or any other negligent entity or individual, shall not exceed the percentage share that Consultant's or Consultant's subcontractor negligence bears to the total negligence of City, Consultant and all other negligent entities and individuals.

## XIII. SUBCONTRACTS

The Consultant shall obtain the written consent of the City prior to subcontracting any portion of the work to be performed under this project. The Consultant shall be responsible to the City for the actions of person and firms performing subcontract work.

#### XIV. ASSIGNMENT

This Agreement is binding on the heirs, successors, and assigns of the parties hereto. This Agreement is not to be assigned by either the City or Consultant without the prior written consent of the other.

#### XV. INTEGRATION

This Agreement represents the entire understanding of the City and Consultant as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Agreement may not be modified or altered except in writing signed by both parties.

#### XVI. JURISDICTION

This Agreement shall be administered and interpreted under the laws of the State of Wisconsin. Jurisdiction of litigation arising from this Agreement shall be in that state. If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said laws, but the remainder of this Agreement shall be in full force and effect.

#### XVII. SUSPENSION OF WORK

The City may suspend, in writing, all or a portion of the work under this Agreement in the event unforeseen circumstances beyond the control of the Contractor make normal progress in the performance of the work impossible. The Consultant may request that the work be suspended by notifying the City, in writing, of circumstances which are interfering with normal progress of the work. If agreed, the time for completion of the work shall be extended by the number of days the work is suspended by Contractor through no fault of Contractor. In the event that the period of suspension exceeds 90 days, the terms of this Agreement are subject to renegotiation and both parties are granted the option to terminate work on the suspended portion of the project in accordance with Article XVIII.

#### XVIII. TERMINATION OF WORK

The City may terminate all or a portion of the work covered by this Agreement for its convenience. Either the City or the Consultant may terminate work in the event the other party fails to perform in accordance with the provisions of this Agreement. Termination of this Agreement is accomplished by 15 days prior written notice from the party initiating termination to the other. Notice of termination shall be delivered by certified mail with receipt for delivery returned to the sender.

In the event of termination, the Consultant shall perform such additional work as is necessary for the orderly filing of documents and closing of the project. The additional time for filing and closing shall not exceed 10 percent of the total time expended on the completed portion of the project prior to the effective date of termination.

The Consultant shall be compensated for the completed portion of the work on the basis of work actually performed prior to the effective date of termination plus the work required for filing and closing.

#### XIX. MEDIATION

All claims, disputes and other matters in question between the parties of this Agreement arising out of or relating to this Agreement or breach thereof, which are not disposed of by mutual agreement of the parties, shall be subject to mediation as a condition precedent to the institution of legal proceedings by either party. If such claim, dispute or other matter involves a lien arising out of the Consultant's services, the Consultant may proceed in accordance with applicable law to comply with lien notice and filing deadlines prior to resolution of the matter by mediation.

The City and Consultant shall attempt to resolve claims, disputes and other matters in question between them by mediation. A request for mediation shall be filed in writing with the other party to this Agreement. The request may be made concurrently with the filing of a civil action, but mediation shall proceed in advance of legal proceedings.

The parties shall share the mediator's and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

#### XX. NOTICES

Any notification required or needed under the contract shall be sent via First Class Mail to the following:

If to City:

If to Consultant:

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

(COMPANY NAME)

CITY OF DE PERE, WISCONSIN

By: \_\_\_\_\_  
Name: \_\_\_\_\_

By: \_\_\_\_\_  
Michael J. Walsh, Mayor

By: \_\_\_\_\_  
Name: \_\_\_\_\_

By: \_\_\_\_\_  
Shana D. Ledvina, Clerk-Treasurer

H:\jdupont\Agreements\2016\Consultant Agreement Template revised 2-22-16.docx

Attachment: Sample Consultant Agreement (8074 : Consider Tower Inspection Contract)

## Tower Inspection Proposal Summary 3-29-19

| Company Name                     | Community                       | LS         |
|----------------------------------|---------------------------------|------------|
|                                  |                                 |            |
| Water Tower Clean and Coat, Inc. |                                 |            |
|                                  | City of De Pere - Merrill Tower | \$2,200.00 |
|                                  | City of De Pere - Matthew Tower | \$2,200.00 |
|                                  | MPU - Northwest Tower           | \$2,500.00 |
|                                  | MPU - Reed Ave Tower            | \$2,500.00 |
| KLM Engineering                  |                                 |            |
|                                  | City of De Pere - Merrill Tower | \$2,800.00 |
|                                  | City of De Pere - Matthew Tower | \$2,800.00 |
|                                  | MPU - Northwest Tower           | \$3,600.00 |
|                                  | MPU - Reed Ave Tower            | \$3,600.00 |
| Dixon Engineering, Inc.          |                                 |            |
|                                  | City of De Pere - Merrill Tower | \$3,150.00 |
|                                  | City of De Pere - Matthew Tower | \$3,150.00 |
|                                  | MPU - Northwest Tower           | \$3,550.00 |
|                                  | MPU - Reed Ave Tower            | \$3,550.00 |
| Jim Orr Coating Inspection, LLC  |                                 |            |
|                                  | City of De Pere - Merrill Tower | \$3,880.00 |
|                                  | City of De Pere - Matthew Tower | \$3,980.00 |
|                                  | MPU - Northwest Tower           | \$4,980.00 |
|                                  | MPU - Reed Ave Tower            | \$5,280.00 |
| Midco Diving & Marine            |                                 |            |
|                                  | City of De Pere                 | No Bid     |
|                                  | MPU                             | No Bid     |
| Utility Service Associates       |                                 |            |
|                                  | City of De Pere                 | No Bid     |
|                                  | MPU                             | No Bid     |
| Suez Advanced Solutions          |                                 |            |
|                                  | City of De Pere                 | No Bid     |
|                                  | MPU                             | No Bid     |
| Badger State Inspection, LLC     |                                 |            |
|                                  | City of De Pere                 | No Bid     |
|                                  | MPU                             | No Bid     |
| Pittsburg Tank & Tower Group     |                                 |            |
|                                  | City of De Pere                 | No Bid     |
|                                  | MPU                             | No Bid     |
| LiquiVision Technology, Inc.     |                                 |            |
|                                  | City of De Pere                 | No Bid     |
|                                  | MPU                             | No Bid     |

Attachment: Tower Inspection Proposal Summary 3-29-19 (8074 : Consider Tower Inspection Contract)





# City of De Pere

925 South Sixth Street  
DePere, WI 54115-1199  
Phone: 920-339-8095  
Fax: 920-339-4071  
Cell: 920-639-1003

Scott J. Thoresen  
Director of Public Works  
sthoresen@mail.de-pere.org  
[www.de-pere.org](http://www.de-pere.org)

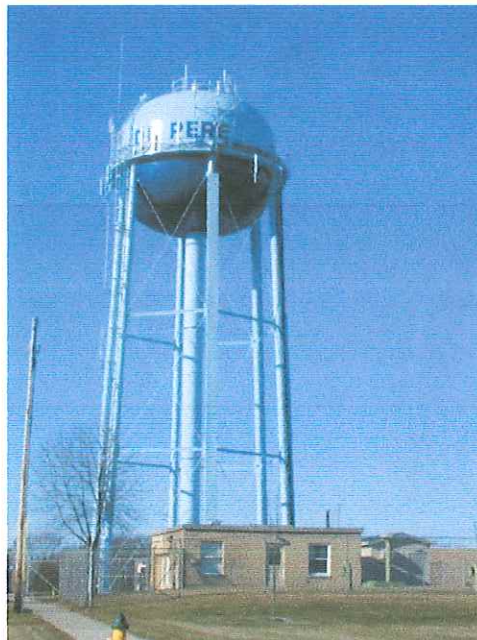
March 1, 2019

RE: Request for Proposals  
2019 Tower Inspections

The City of De Pere and Manitowoc Public Utilities (MPU) are requesting a proposal from your firm to complete inspections of water towers in each community. The City and MPU are required by Wisconsin Statutes NR 810.14 to inspect our water storage facilities every five (5) years.

## City of De Pere Merrill Water Tower

The City of De Pere is requesting a proposal from your firm to complete inspection of the Merrill Tower. The tower is a 250,000 gallon multi-legged steel elevated storage tank that was constructed in 1960. (See picture below) The height of the tower is 121.2 feet and the diameter of the tower is 40 feet. The tower was painted inside and out in 2003. The tower was last inspected in 2014 with a wet inspection. The interior of the tank for this inspection will require at a minimum a dry inspection.



*Monday June 10th  
\$ 2200.00*

Attachment: Water Tower Clean & Coat (8074 : Consider Tower Inspection Contract)



### City of De Pere Matthew Water Tower

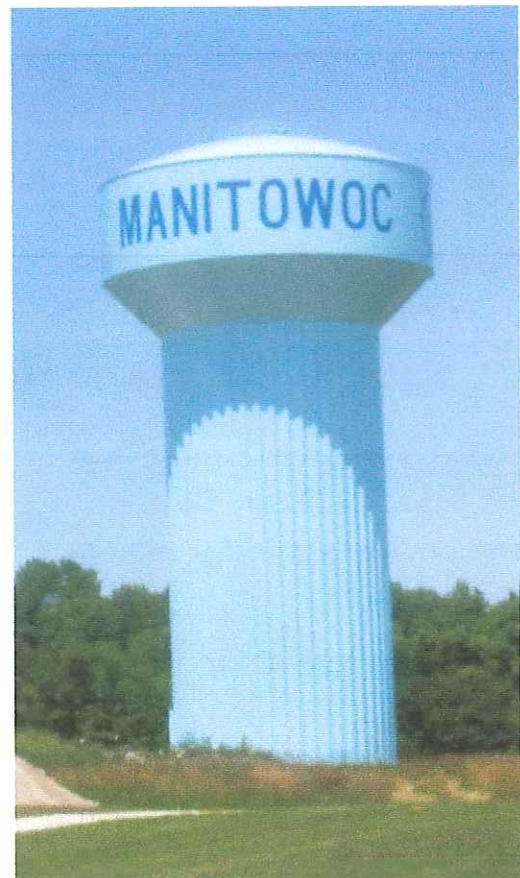
The City of De Pere is requesting a proposal from your firm to complete inspection of the Matthew Tower. The tower is a 500,000 gallon— single pedestal spheroid steel tank that was constructed in 1986. The height of the tower is 134.5 feet and the diameter of the tower is 56 feet. The tower was last inspected in 2014 with a wet inspection. The interior of the tank for this inspection will require at a minimum a dry inspection.

Tues. June 11th \$2200

### MPU Northwest Water Tower

Manitowoc Public Utilities (MPU) is requesting a proposal from your firm to complete inspection of the Northwest Water Tower. The tower is a 1,250,000 gallon fluted column (hydropillar) elevated storage tank that was constructed in 2009. (See picture right) The height of the tower is 151 feet and the diameter of the tower is 80 feet. The tower was painted inside and out in 2009. The tower was last inspected in 2014 with a wet inspection. A copy of the wet inspection is available upon request. The tower has a suspended cathodic protection system maintained by CorrPro. Provide up to three (3) pressure relief valves for distribution system hydrants while the tower is offline.

Wed. June, ~~8th~~ 12th  
\$2500

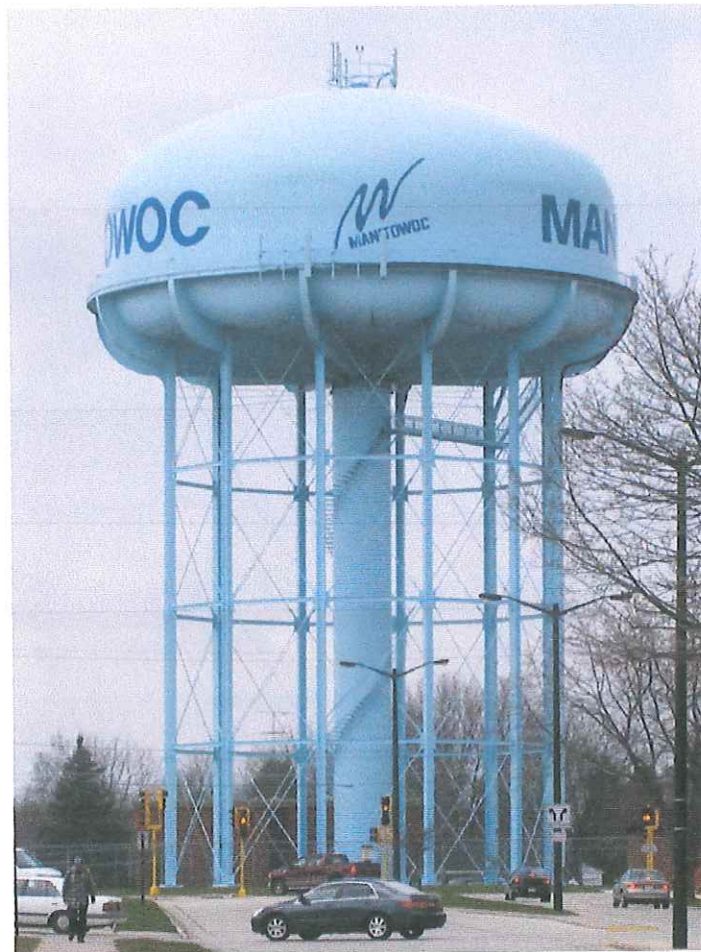




## MPU Reed Ave Water Tower

Manitowoc Public Utilities (MPU) is requesting a proposal from your firm to do a complete drained inspection of the Reed Ave Water Tower. The tower is a 1,500,000 gallon multi-legged steel elevated storage tank that was constructed in 1938. (See picture left) The height of the tower is 135 feet and the diameter of the tower is 88 feet. The tower was painted inside and out in 2009. The tower was last inspected in 2014 with a wet inspection. A copy of the wet inspection is available upon request. The tower has a suspended cathodic protection system maintained by CorrPro. Based on a recent CorrPro inspection, MPU is aware that the cathodic protection system will require some repairs while the tower is drained and out of service. A copy of the CorrPro report is available upon request. Contractor agrees to permit access to CorrPro to complete necessary interior repairs for up to two (2) days prior to placing the tank back online. Provide up to three (3) pressure relief valves for distribution system hydrants while the tower is offline.

Monday June 17th  
\$2500



Attachment: Water Tower Clean & Coat (8074 : Consider Tower Inspection Contract)

**Scope of Work:**

1. Review existing drawings, inspections, and as-built of tower and any other pertinent information pertaining to the tower.
2. Coordinate the draining of the tower with utility staff.
3. Conduct inspections of the tower to meet all Wisconsin Department of Natural Resources (WDNR) requirements in accordance with NR810.14.
  - a. Clean and disinfect the tower to meet all Wisconsin Department of Natural Resources (WDNR) requirements in accordance with NR810.14. The Contractor shall provide all necessary equipment and chemicals for the proper disinfection of the tower.
  - b. The Contractor shall coordinate with the Utility on obtaining bacteriological samples of the tower. The Utility shall perform the bacteriological testing.
4. Prepare a final report showing the results of the tower inspection. The report shall include a summary of the inspection and a list of any deficiencies in the tower. The written report will include photos for the tower inspection. The final report will contain recommendations for future work based on the results of this inspection. The report shall also be made available electronically in a PDF format.
5. Deficiencies that require urgent or emergency repairs shall be reported to the Owner immediately.
6. Prepare reports for WDNR as required.
7. The proposal should reflect the necessary effort to perform the above-mentioned work and any additional efforts the firm feels are necessary to complete the project.

**Schedule:**

The water tower inspections for each Water Utility shall be completed by September 27, 2019.

**Indemnification:**

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the Water Utility of each municipality, its officials, agents and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the Water Utility of each municipality, its officials, agents, employees and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the Water Utility of each municipality, its officials, agents, or



employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the Water Utility of each municipality as herein provided.

### **Insurance Requirements:**

The firm shall be required to provide the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than \$1,000,000; with additional umbrella liability insurance coverage to a total of not less than \$2,000,000.
2. Automobile bodily injury and property damage liability insurance covering owned, non-owned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$1,000,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total engineers and/or surveyor's fee on the project, whichever is greater.

### **Additional Information:**

- Sample consultant agreement is attached

### **All proposals should include the following information:**

1. Previous Experience: Past Work on projects of similar or greater magnitude.
2. References: The proposals shall include the Contractor's experience. At a minimum, three (3) similar projects shall be included as references.



3. Cost: Firm shall submit prices on proposal sheets for each community provided with this proposal to complete all work mentioned above.
4. Schedule: Firm shall submit the number of days to complete the inspections and the anticipated start date on proposal sheet for each community provide with this proposal to complete all work mentioned above.

Sealed proposals marked “**Water Tower Inspections**” on envelope are to be delivered or mailed to:

Scott J. Thoresen P.E.,  
 Director of Public Works  
 City of De Pere  
 925 South Sixth Street  
 De Pere, WI 54115

All sealed proposals shall be received no later to 2:00 p.m. on March 29, 2019.

The City of De Pere and MPU reserves the right to reject any or all proposals, to waive any informality in bidding and to accept any proposal which the respective City Council or Commission deems most favorable to the best interest of their community.

If you have any questions regarding MPU’s water towers please call Rob Michaelson at (920) 686-4354.

If you have any questions regarding City of De Pere’s water towers or this proposal, please call Scott Thoresen at (920) 339-8095.

Questions may also be emailed to [sthoresen@mail.de-pere.org](mailto:sthoresen@mail.de-pere.org).

Sincerely,

**DEPARTMENT OF PUBLIC WORKS**

Scott Thoresen, P.E.  
 Director of Public Works

Attachment: Water Tower Clean & Coat (8074 : Consider Tower Inspection Contract)

## City of De Pere Water Utility 2019 Water Tower Inspection Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform water tower inspections.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for water tower inspections to meet said requirements are as follows:

Lump Sum Price for Merrill Water Tower Inspection: \$ 2200.00

Lump Sum Price for Matthew Water Tower Inspection: \$ 2200.00

Water Tower Clean & Coat, Inc.  
Name of Firm

W11822 Reynolds Rd. Lodi, WI 53555  
Address of Firm

608 592 7574 office 608 279 3438 Mobile - Russ Fiene  
Telephone Number

608 592 7574  
Fax Number

RFIENE@MERR.COM  
Email Address

Attachment: Water Tower Clean & Coat (8074 : Consider Tower Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Water Tower Clean & Coat, Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Russ Fiene

Signature of Bidder

3-27-19

Date

Russ Fiene

Print or Type Name of Bidder

Pres.

Title

Estimated Start Date: Monday June, 10th Merrill St. Tower  
Tues. June 11th Matthew St. Tower

Estimated Work Days to Complete: 1 Day Per Tank

Attachment: Water Tower Clean & Coat (8074 : Consider Tower Inspection Contract)

## Manitowoc Public Utility

### 2019 Water Tower Inspection Proposal

The following proposal is submitted to: Manitowoc Public Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform water tower inspections.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Manitowoc Public Utility to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Manitowoc Public Utility's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Manitowoc Public Utility's requirements and that the prices for water tower inspections to meet said requirements are as follows:

Lump Sum Price for Northwest Water Tower Inspection: \$ 2500.00

Lump Sum Price for Reed Ave Water Tower Inspection: \$ 2500.00

Water Tower Clean & Coat, Inc.  
Name of Firm

W11822 Reynolds Rd. Lodi, WI 53555  
Address of Firm

608 592 7574 Office 608 279 3438 Mobile  
Telephone Number

608 592 7574  
Fax Number

RFIENE@MEAR.COM  
Email Address

Attachment: Water Tower Clean & Coat (8074 : Consider Tower Inspection Contract)



The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Water Tower Clean & Coat, Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Russ Fierne

Signature of Bidder

3-27-19

Date

Russ Fierne

Print or Type Name of Bidder

Pres.

Title

Estimated Start Date: <sup>12th</sup> Wed. June ~~9th~~ Northwest Tank - 1-2 Days To Complete  
Monday June 17th Reed Ave Tower 1-2 Days To Complete

Estimated Work Days to Complete: 1-2 Days Per Tank  
Depends on how long it takes to drain.  
Once empty we can clean and inspect in  
a few hours.

Water Tower Clean & Coat, Inc. offers this proposal contingent upon the acceptance of our insurance policies limits and coverages as provided in the Certificates of Insurance which will be forwarded to Scott Thoreson, Director of Public Works, De Pere, WI.

Signed: Russ Fierne

Dated: 3-27-19

## Response to RFP Questions:

## Previous Experience:

## Water Tower Clean &amp; Coat, Inc.

Water Tower Clean & Coat, Inc. has been in business for twenty one years serving hundreds of customers in ten midwestern States. We are a member of and have performed technical training seminars regarding tank maintenance for the following organizations in Minnesota. MNRWA, AWWA, EPA, MDH. Our operators are Confined Space Certified, Owatonna MN Safety Program Certified, OSHA 40 Hour Program Certified, Master Diver PADI Certified and our interns are all engineering students at the Univ. of Wisconsin, Madison. None of our employees use tobacco. We have not had a Workers Comp Claim in the history of doing business.

## Tank Dive Cleaning And Inspection References:

## Drained Tank Interior Cleaning and Inspection References:

David Tracy Fox Crossing, WI 1-920-422-4513 15 years of service work including many drained or dive cleanings and inspections.

Jim Prindle Onalaska Water Utility 1-608-780-8345 15 years of service work including many drained or dive cleanings and inspections.

Kevin Bortz Portage WI Water Mgr. 1-608-697-0266 12 years of service work including tank painting (750k sphere, 400k sphere) several drained and dive cleanings and inspections.

## Tank Painting References:

Doug at Rockford, MN 612-490-9227 Exterior painting of 500k spheroid water tower. Dozens of dive cleaning and inspections.

Dave at Ledgeview, WI 1 920 422 2273 Exterior painting of 1 million gallon reservoir.

David Tracy formerly DPW at Pardeeville, WI Now DPW Fox Crossing, WI

1 608 617 5293 Exterior painting of 300k gallon spheroid water tower.

Jim Grant Harvard, IL 1 815 560 2046 750k Exterior painting of spheroid water tower. Dive and drain inspections.



## KLM ENGINEERING, INC.

1976 Wooddale Drive, Suite 4 | Woodbury, MN 55125  
Phone (651) 773-5111 | Fax (651) 773-5222

March 20, 2019

US Mail

Mr. Scott J. Thoresen, P.E.  
Director of Public Works  
City of De Pere  
925 South Sixth Street  
De Pere, Wisconsin 54115-1199

**RE: Proposal for Two (2) DNR Dry Tank Inspections and Cleanouts of the 500,000-Gallon Single Pedestal (Matthew Water Tower) and the 250,000-Gallon Legged Tower (Merrill Tower) Located in the City of De Pere, Wisconsin.**

Dear Mr. Thoresen:

KLM is pleased to submit this proposal to inspect the two above mentioned water towers located in De Pere, Wisconsin. KLM proposes to perform the inspections of the existing conditions of these tanks in conformance with WIDNR requirements NR810.14 and the DNR Form 3300-248 and the AWWA Manual M42 Appendix C Inspecting and Repairing Steel Water Tanks and Elevated Tanks for Water Storage. This type of inspection is not just a verbal report on existing conditions. Color photographs substantiate the details of this report.

By choosing KLM Engineering, Inc., the City of De Pere is investing in the knowledge and expertise of a consultant who can perform an accurate and unbiased inspection of your water tanks. This 5-year anniversary inspection will establish a baseline of the current condition of both tanks. The summary and DNR report will define the deficiencies, recommendations, and the next time the tanks should be inspected and, if necessary, any immediate maintenance.

The experience of KLM's staff in both concrete and steel water tower inspections has been enhanced by our training as National Association of Corrosion Engineers (NACE) Certified Coatings Inspectors and American Welding Society (AWS) Certified Welding Inspectors. This training, plus the years of experience in abrasive blasting (surface preparation) painting, rigging, welding, and inspecting has given this company a competitive edge for performing this type of work in a safe and professional manner.

### Benefits

KLM will provide to the Owner the following:

1. KLM Summary Report
2. DNR Report form 3300-248.
3. Both clearly state the actual coating condition and structural integrity of both tanks.
4. Identify the amount of sediment and remove it from each tank.
5. Estimate the next time it needs cleaning.
6. Provide a schedule for performing recommended maintenance work.
7. Recommendation of future inspections.

The inspection reports will be provided to the City of De Pere in digital format (PDF) unless indicated to KLM otherwise.

Attachment: KLM Engineering (8074 : Consider Tower Inspection Contract)



### **KLM Work Plan**

KLM will provide a two-person crew and all the equipment required to perform the dry tank inspection and cleanout of each tank. Each tank will take about 6-8 hour to clean, inspect and disinfect.

The dry tank inspection is the method recommended by AWWA M 42 D101-53 (R1986) Part A. However, this method of inspection is limited to areas accessible from a ladder or areas that can be reached from the floor.

KLM will inspect the floors, the walls, and any interior structures of the tanks accessible by ladders. All accessible exterior surfaces, including the roof, will also be inspected. KLM will measure and photograph all areas that need to be included in the summary and DNR inspection reports.

The clean-out and disinfection will be performed in accordance to the proposal. Clean-out can be performed using a 3000-psi pressure washer if necessary. KLM will supply a sump pump if needed for the clean-out. KLM will disinfect the tanks in accordance with Method 1, 2, or 3 of AWWA C652-11. KLM will require the assistance of the Owner to back-flush and man the fill pipe valve. KLM will supply the chlorine.

### **Owner's Responsibilities**

KLM will require the assistance of the Owner to back-flush the fill pipe of each tank. The Owner would need to provide a supply of water to perform the cleaning and disinfection. A typical clean-out consists of washing down most of the heavy sediment while the water is draining.

The Owner's personnel shall also be responsible for:

- Per DNR Code NR814.14 (3) Department Notification, the department's regional drinking water staff person shall be given 48-hours prior notice of the date and time of inspection.
- Draining the tank prior to inspection, the tank will be ready for cleaning and inspection.
- Manning the shut off valve always
- Opening and closing the inlet/outlet pipe
- Verifying that clean out and disinfection have been performed to Owner's satisfaction
- Disposing of sediment and debris
- Taking and testing water samples
- Providing a hydrant for the pressure washer water
- Providing copies of background information on tank, including maintenance records, construction drawings, previous inspection reports, and previous painting or reconditioning specifications. It is especially helpful if this information is collected prior to KLM's personnel beginning its inspection.



### Inspection Fees

#### **WIDNR Dry Tank Inspection and Cleanout**

The WIDNR dry tank inspection and cleanout of the 500,000-gallon single pedestal water tower and the 250,000-gallon legged tower will be performed for a fee of \$2,800.00 per tower. Fee is based on one day for inspection, cleanout and chlorination.

The fees are based on two trips to De Pere, WI while coordinating other inspections with Allouez and Manitowoc.

If for some reason beyond KLM's control, the inspection of each tank cannot be performed in one day, and KLM must return for a second day to complete the inspection, the cost of a second day of inspection would be \$1,500.00. KLM can replace the existing manway gasket(s) for a \$150.00 fee per gasket. **If KLM were requested to take coating samples from the tanks to check for lead and chromium this would be an additional \$500.00.** Fees are subject to change if proposed work exceeds 12 months from this bid proposal.

### Optional Detailed Inspection Report

KLM will provide to the Owner a full, detailed inspection report, which will provide the following benefits:

1. DNR Report Form 3300-248.
2. Clearly state the actual condition of the coatings and structural integrity.
3. Provide laboratory analysis of the lead and chromium content of the coatings to determine compliance with Federal, State, and local environmental regulations.
4. Identify the amount of sediment and estimate the next time it needs cleaning.
5. Provide a schedule for performing recommended maintenance work.
6. Provide an Engineer's Cost Estimate for all recommended repair work.
7. Substantiate report details with color photographs, typically 40-50 pictures.
8. Justify maintenance recommendations to decision-makers.
9. The inspection report can be included in the specification document to provide accurate information on existing conditions for bidders.
10. Recommendation of future inspections.
11. Drawings for future maintenance.

### Optional Detailed Inspection Report Fees

The fee for the optional detailed inspection report listed above will be an additional \$1,500.00 per tank.

### Terms and Conditions

KLM has attached our standard Terms and Conditions. The attached Terms and Conditions are part of this agreement between the City of De Pere, Wisconsin and KLM Engineering, Inc. unless otherwise agreed to in writing by both parties.

### Additional Information

Additional information can be found at KLM's website at: [www.klmengineering.com](http://www.klmengineering.com)

**Agreement**

This proposal is valid for work in 2019, with required completion by September 27, 2019. If the City of De Pere finds this proposal acceptable, please sign and return. When KLM receives the signed proposal, we will call the Owner to coordinate an inspection time. When the City of De Pere receives the inspection reports, KLM will bill the Owner according to this agreement.

This agreement, between the City of De Pere, Wisconsin and KLM Engineering, Inc. of Woodbury, Minnesota is accepted by:

|                                                                                   |                  |                               |
|-----------------------------------------------------------------------------------|------------------|-------------------------------|
| _____                                                                             | _____            | City of De Pere,<br>Wisconsin |
| (Name)                                                                            | (Title)          |                               |
| _____                                                                             |                  |                               |
| (Date)                                                                            |                  |                               |
|  | WI Sales Manager | KLM Engineering, Inc.         |
| (Name)                                                                            | (Title)          | Woodbury, Minnesota           |
| _____                                                                             |                  |                               |
| March 20, 2019                                                                    |                  |                               |
| (Date)                                                                            |                  |                               |

We look forward to working with you.

Sincerely,

**KLM ENGINEERING, INC.**

Michael Olesen

WI Sales Manager

Office: 651-773-5111

Fax: 651-773-5222

Cell: 920-988-3431

Email: [MOlesen@klmengineering.com](mailto:MOlesen@klmengineering.com)

Enclosed: Quotation Submittal Form, KLM's Insurance Certificate, Terms and Conditions

U:\Proposals\De Pere, WI & MPU Manitowoc, WI RFP, Bid Submittal Sheets-PIRs- Estimates-Proposals\De Pere, WI Proposal 2-Dry Tank Inspection-Cleanout 1-250kg Legged-1-500kg Ped.doc

Attachment: KLM Engineering (8074 : Consider Tower Inspection Contract)

## City of De Pere Water Utility

### 2019 Water Tower Inspection Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform water tower inspections.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for water tower inspections to meet said requirements are as follows:

Lump Sum Price for Merrill Water Tower Inspection:

\$ 2,800.00

Lump Sum Price for Matthew Water Tower Inspection:

\$ 2,800.00

KLM Engineering, Inc.

Name of Firm

1976 Wooddale Drive, Suite 4, Woodbury, MN 55125

Address of Firm

651-773-5111

Telephone Number

651-773-5222

Fax Number

molsen@klmengineering.com

Email Address

Attachment: KLM Engineering (8074 : Consider Tower Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: KLM Engineering, Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Michael C. Olsen

Signature of Bidder

3-20-2019

Date

Michael C. Olsen

Print or Type Name of Bidder

WI Sales Manager

Title

Estimated Start Date: June 1, 2019

Estimated Work Days to Complete: 2 days

Attachment: KLM Engineering (8074 : Consider Tower Inspection Contract)





KLMENG1

AD ID: AW

## CERTIFICATE OF LIABILITY INSURANCE

DATE 3.9.e

11/27/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|                                                                                                              |              |                                                                                                             |                             |
|--------------------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------|-----------------------------|
| PRODUCER<br>American Insurance Services<br>615 South Barstow St.<br>Eau Claire, WI 54701<br>Daniel S Ortmann | 715-839-8004 | CONTACT NAME: Daniel S Ortmann<br>PHONE (A/C, No, Ext): 715-839-8004<br>E-MAIL ADDRESS: dortmann@ais.insure | FAX (A/C, No): 715-835-5127 |
|                                                                                                              |              | INSURER(S) AFFORDING COVERAGE                                                                               |                             |
|                                                                                                              |              | INSURER A: Selective                                                                                        | NAIC #: 19259               |
|                                                                                                              |              | INSURER B: Lloyd's of London                                                                                |                             |
|                                                                                                              |              | INSURER C:                                                                                                  |                             |
|                                                                                                              |              | INSURER D:                                                                                                  |                             |
|                                                                                                              |              | INSURER E:                                                                                                  |                             |
|                                                                                                              |              | INSURER F:                                                                                                  |                             |

**COVERAGES** **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                                   | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                                                        |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|---------------|-------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br><br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC<br>OTHER: |           |          | S 2266415     | 11/23/2018              | 11/23/2019              | EACH OCCURRENCE \$ 1,000,<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,<br>MED EXP (Any one person) \$ 15,<br>PERSONAL & ADV INJURY \$ 1,000,<br>GENERAL AGGREGATE \$ 2,000,<br>PRODUCTS - COMP/OP AGG \$ 2,000,<br>\$ |
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| A        | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB<br><input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0                                                                                                                                |           |          | S 2266415     | 11/23/2018              | 11/23/2019              | EACH OCCURRENCE \$ 4,000,<br>AGGREGATE \$ 4,000,<br>\$                                                                                                                                                                        |
| A        | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N <input type="checkbox"/><br>If yes, describe under DESCRIPTION OF OPERATIONS below                                                                                                 | N/A       |          | WC9052100     | 05/02/2018              | 05/02/2019              | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER<br>E.L. EACH ACCIDENT \$ 500,<br>E.L. DISEASE - EA EMPLOYEE \$ 500,<br>E.L. DISEASE - POLICY LIMIT \$ 500,                                    |
| B        | Error & Omissions                                                                                                                                                                                                                                                                                                   |           |          | HPL16-0805    | 11/23/2018              | 11/23/2019              | Per Claim 1,000,<br>Aggregate 2,000,                                                                                                                                                                                          |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

## CERTIFICATE HOLDER

KLM Engineering, Inc.  
1976 Wooddale Drive, Suite 4  
Woodbury, WI 55125

## CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE  
Daniel S Ortmann

KLM ENGINEERING, INC.  
TERMS AND CONDITIONS

1. **BASIC SERVICES.** The scope of KLM's work is described in the attached proposal or contract agreement and may not be expanded or reduced except by mutual agreement in writing.
2. **ADDITIONAL SERVICES.** Additional work or services shall not be performed without a duly executed change order or purchase order outlining the scope of additional work on services.
3. **OWNER'S RESPONSIBILITIES.** OWNER shall fully disclose to KLM its knowledge of the condition of the structure and its past and present contents and shall provide KLM with full information regarding the requirements for the project; shall designate an individual to act on OWNER'S behalf regarding the project. If necessary, shall clean and make the structure safe for entry; shall furnish the service of other consultants (including engineers, insurance consultants, accountants, attorneys, etc.) when those services are reasonable required or are reasonably requested by KLM; shall test for pollution and hazardous materials when required by law or requested by KLM; and shall provide all necessary permits and other authorization.
4. **SAFETY.** KLM shall only be responsible for safety of KLM personnel at the work site. The Owner or other persons shall be responsible for the safety of all other persons at the site. Owner shall inform KLM of any known or suspected hazardous materials or unsafe conditions at the work site. If, during the course of the work, such materials, or conditions are discovered, KLM reserves the right to take measures to protect KLM personnel and equipment or to immediately terminate services. Owner agrees to be responsible for payment of such additional protection costs. Upon such discovery, KLM agrees to immediately notify the Owner in writing, of the hazardous materials or unsafe conditions.
5. **HAZARDOUS MATERIALS.** Unless agreed in the scope of work KLM has no responsibility for the discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials at the project site. To the full extent permitted by the law, OWNER shall defend and indemnify KLM and its employees from all claims, including costs and attorney fees, arising out of the presence of hazardous materials on the job site.
6. **SITE ACCESS AND RESTORATION.** Owner will furnish KLM safe and legal site access. It is understood by Owner that in the normal course of work, some damage to the site or materials may occur. KLM will take reasonable precautions to minimize such damage. Restoration of the site is the responsibility of the Owner, unless agreed to in the scope of work.
7. **STANDARD OF CARE.** KLM will perform services consistent with the level of care and skill normally performed by other firms in the profession at the time of this service and in the geographic area, and under similar budgetary constraints. No other warranty is implied or intended.
8. **SCHEDULING.** Prior to scheduling the OWNER shall furnish a written purchase order or request for the services required and shall give as much notice as possible in advance of the time when the services are desired. Our ability to respond to such an order will depend upon the amount of advance notice provided. If an inspection is canceled or delayed after KLM personnel and/or equipment are in transit to the work site, then the OWNER shall be billed, according to the TERMS AND CONDITIONS, for costs incurred by KLM.
9. **INSURANCE.** KLM will maintain worker's compensation insurance and comprehensive general liability insurance and will provide OWNER with a certificate of insurance upon owner's request.



10. **PAYMENT, INTEREST AND BREACH.** KLM will submit itemized monthly or other periodic invoices for work previously performed. Invoices are due upon receipt. OWNER will inform KLM of invoice questions or disagreements within 15 days of invoice date, unless so informed, invoices are deemed correct. OWNER shall make payment within 30 days after receiving each statement, and overdue payments will bear interest at 1.5 percent per month if OWNER is a business entity and at the legal rate of interest of the state in which the project is located if OWNER is a consumer. If any invoice remains unpaid for 60 days, such non-payment shall be a material breach of this agreement. As a result of such material breach, KLM may, at its sole option, suspend all duties to the Owner or other persons, without liability. Owner will pay all KLM collection expenses and attorney fees relating to past due fees, which the Owner owes under this agreement.
11. **MUTUAL INDEMNIFICATION.** Except as to matters actually covered by insurance purchased by KLM, KLM agrees to hold harmless and indemnify OWNER from and against liability arising out of KLM's negligent performance of the work, subject to any limitations, other indemnification's or other provisions OWNER and KLM have agreed to in writing. Except as to matters actually covered by insurance purchased by OWNER, OWNER agrees to hold harmless and indemnify KLM from and against liability arising out of OWNER'S negligent conduct, subject to any limitations, other indemnification's or other provisions OWNER and KLM have agreed to.
12. **LIMITATION OF LIABILITY.** OWNER agrees to limit KLM's liability to OWNER arising from professional acts, errors or omissions, such that the total aggregate liability of KLM does not exceed KLM's project fees except as to matters actually covered by insurance purchased by KLM.
13. **DELAYS.** If KLM work delays are caused by Owner, work of others, strikes, natural causes, weather, or other items beyond KLM's control, a reasonable time extension for performance of work shall be granted, and KLM shall receive an equitable fee adjustment.
14. **TERMINATION.** After 7 days written notice, either party may elect to terminate work for justifiable reasons. In this event, the OWNER shall pay for all work performed, including demobilization and reporting costs to complete the file project and reports to OWNER.
15. **SEVERABILITY.** Any provisions of this agreement later held to violate a law or regulation shall be deemed void, and all remaining provisions shall continue in force. However, OWNER and KLM will in good faith attempt to replace an invalid or unenforceable provision with one that is valid and enforceable, and which comes as close as possible to expressing the intent of the original provision.
16. **KLM'S DOCUMENTS.** All reports, specifications, drawings and other documents furnished by KLM are part of KLM's services to OWNER for use only for the project, and KLM retains all ownership of said documents regardless of whether the project is completed. OWNER may retain copies for reference in connection with the use and occupancy of the project; but KLM does not represent that the documents are suitable for reuse on extension of the project or on other projects. OWNER and others shall not use the documents on other projects or extensions of this project except by KLM's written agreement. OWNER will defend and indemnify KLM from all claims or losses arising out of the unauthorized use of the documents.
17. **ARBITRATION.** Any controversy or claim for money damages arising out of or relating to the making or performance or interpretation of this AGREEMENT, or the breach of this AGREEMENT, shall be settled by arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association. The arbitration panel shall consist of three arbitrators, at least one of who is a structural engineer; and the panel may award only money damages and shall not award equitable relief. Judgment upon the arbitration award may be entered in any court having jurisdiction of the parties. The enforceability of these arbitration provision and arbitration awards will be governed by the Federal Arbitration Act.

18. **ARBITRATION FEES.** The prevailing party to any dispute arising out of this AGREEMENT shall be entitled to recover its reasonable fees and costs from the other party.
19. **JOB SITE IMAGES, PHOTOGRAPHY AND VIDEO.** During the term of this contract and thereafter, KLM has permission to take still photographs or video of the site for training, documentation, education or promotional purposes. A signed agreement constitutes the Owner's written permission to use the photographic image or video in the manner described herein. The only identifiable information to be used by KLM will be the Owner's name as displayed on the image. Acceptance of these terms and conditions is considered a legal release by the Owner allowing KLM to use of photographic images as described herein.

C:\winword\Terms & Cond., proposal.  
11/1997





## KLM ENGINEERING, INC.

1976 Wooddale Drive, Suite 4 | Woodbury, MN 55125  
Phone (651) 773-5111 | Fax (651) 773-5222

March 20, 2019

US Mail

Mr. Rob Michaelson  
Water System Manager  
Manitowoc Public Utilities  
1303 South 8<sup>th</sup> Street  
Manitowoc, Wisconsin 54220

**RE: Proposal for Two (2) DNR Dry Tank Inspections and Cleanouts of the 1,250,000-Gallon Fluted Column Water Tower (Northwest Tower) and the 1,500,000-Gallon Legged Water Tower (Reed Avenue Tower) for Manitowoc Public Utilities Located in Manitowoc, Wisconsin.**

Dear Mr. Michaelson:

KLM is pleased to submit this proposal to clean out, inspect and disinfect the two above mentioned water towers located in Manitowoc, Wisconsin. KLM proposes to perform the inspections of the existing conditions of these tanks in conformance with WIDNR requirements NR810.14 and DNR Form 3300-248, the AWWA Manual M42 Appendix C Inspecting and Repairing Steel Water Tanks and Elevated Tanks for Water Storage. This type of inspection is not just a verbal report on existing conditions. Color photographs substantiate the details of this report.

By choosing KLM Engineering, Inc., MPU is investing in the knowledge and expertise of a consultant who can perform an accurate and unbiased inspection of your water tanks. This 5-year anniversary inspection will establish a baseline of the current condition of both tanks. The summary and DNR report will define the deficiencies, make recommendation for immediate and future repairs and next time the tanks should be inspected.

The experience of KLM's staff in both concrete and steel water tower inspections has been enhanced by our training as National Association of Corrosion Engineers (NACE) Certified Coatings Inspectors and American Welding Society (AWS) Certified Welding Inspectors. This training, plus the years of experience in abrasive blasting (surface preparation) painting, rigging, welding, and inspecting has given this company a competitive edge for performing this type of work in a safe and professional manner.

### Benefits

KLM will provide to the Owner the following:

1. KLM Summary Report
2. DNR Report form 3300-248.
3. Both clearly state the actual condition and structural integrity of both tanks.
4. Identify the amount of sediment and remove it from each tank.
5. Estimate the next time it needs cleaning.
6. Provide a schedule for performing immediate repairs and recommended future maintenance work.

Attachment: KLM Engineering (8074 : Consider Tower Inspection Contract)

The inspection reports will be provided to the MPU in digital format (PDF) unless indicated to KLM otherwise.

### **KLM Work Plan**

KLM will provide a two-person crew and all the equipment required to perform the dry tank inspection and cleanout of each tank. Each tank will take about 2 days to clean, inspect and disinfect.

The dry tank inspection is the method recommended by AWWA M 42 D101-53 (R1986) Part A. However, this method of inspection is limited to areas accessible from a ladder or areas that can be reached from the floor.

KLM will inspect the floors, the walls, and any interior structures of the tanks accessible by ladders. All accessible exterior surfaces, including the roof, will also be inspected. KLM will measure and photograph all areas that need to be included in the summary and DNR inspection reports.

The clean-out and disinfection will be performed in accordance to the proposal. Clean-out can be performed using a 3000-psi pressure washer if necessary. KLM will supply a sump pump if needed for the clean-out. KLM will disinfect the tanks in accordance with Method 1, 2, or 3 of AWWA C652-11. KLM will require the assistance of the Owner to back-flush and man the fill pipe valve. KLM will supply the chlorine.

### **Owner's Responsibilities**

KLM will require the assistance of the Owner to back-flush the fill pipe of each tank. The Owner would need to provide a supply of water to perform the cleaning and disinfection. A typical clean-out consists of washing down most of the heavy sediment while the water is draining.

The Owner's personnel shall also be responsible for:

- Per DNR Code NR814.14 (3) Department Notification, the department's regional drinking water staff person shall be given 48-hours prior notice of the date and time of inspection.
- Draining the tank prior to inspection, the tank will be ready for cleaning and inspection.
- Manning the shut off valve always
- Opening and closing the inlet/outlet pipe
- Verifying that clean out and disinfection have been performed to Owner's satisfaction
- Disposing of sediment and debris
- Taking and testing water samples
- Providing a hydrant for the pressure washer water
- Providing copies of background information on tank, including maintenance records, construction drawings, previous inspection reports, and previous painting or reconditioning specifications. It is especially helpful if this information is collected prior to KLM's personnel beginning its inspection.



## **Inspection Fees**

### **WIDNR Dry Tank Inspection and Cleanout**

The WIDNR dry tank inspection, cleanout and disinfection of the 1,500,000-gallon legged water tower and the 1,250,000-gallon fluted column water tower, will be performed for a fee of \$3,600.00 per tank. Fee is based on two days per tank for inspections, cleanouts and chlorination's. The fees are also based on two trips to Manitowoc, being coordinated between Allouez and De Pere, WI.

If for some reason beyond KLM's control, the inspection of each tank cannot be performed in in the two days, and KLM must return for a third day to complete the inspection, the cost of a second day of inspection would be \$1,500.00. KLM can replace the existing manway gasket(s) for a \$150.00 fee per gasket. **If KLM were requested to take coating samples from the tanks to check for lead and chromium this would be an additional \$500.00.** Fees are subject to change if proposed work exceeds 12 months from this bid proposal.

### **Optional Detailed Inspection Report**

KLM will provide to the Owner a full, detailed inspection report, which will provide the following benefits:

1. DNR Report Form 3300-248.
2. Clearly state the actual condition of the coatings and structural integrity.
3. Provide laboratory analysis of the lead and chromium content of the coatings to determine compliance with Federal, State, and local environmental regulations.
4. Identify the amount of sediment and estimate the next time it needs cleaning.
5. Provide a schedule for performing recommended maintenance work.
6. Provide an Engineer's Cost Estimate for all recommended repair work.
7. Substantiate report details with color photographs, typically 40-50 pictures.
8. Justify maintenance recommendations to decision-makers.
9. The inspection report can be included in the specification document to provide accurate information on existing conditions for bidders.
10. Recommendation of future inspections.
11. Drawings for future maintenance.

### **Optional Detailed Inspection Report Fees**

The fee for the optional detailed inspection report listed above will be an additional \$1,500.00 per tank.

## **Terms and Conditions**

KLM has attached our standard Terms and Conditions. The attached Terms and Conditions are part of this agreement between MPU-Manitowoc, Wisconsin and KLM Engineering, Inc. unless otherwise agreed to in writing by both parties.

## **Additional Information**

Additional information can be found at KLM's website at: [www.klmengineering.com](http://www.klmengineering.com)

MPU-Manitowoc, WI -2-Dry Tank Inspections

### Agreement

This proposal is valid for work in 2019, with required completion by September 27, 2019. If MPU finds this proposal acceptable, please sign and return. When KLM receives the signed proposal, we will call the Owner to coordinate an inspection time. When MPU receives the inspection reports, KLM will bill the Owner according to this agreement.

This agreement, between MPU-Manitowoc, Wisconsin and KLM Engineering, Inc. of Woodbury, Minnesota is accepted by:

|        |         |                      |
|--------|---------|----------------------|
| _____  | _____   | MPU,                 |
| (Name) | (Title) | Manitowoc, Wisconsin |

\_\_\_\_\_  
(Date)

|                                                                                   |         |                  |                       |
|-----------------------------------------------------------------------------------|---------|------------------|-----------------------|
|  | _____   | WI Sales Manager | KLM Engineering, Inc. |
| (Name)                                                                            | (Title) |                  | Woodbury, Minnesota   |

\_\_\_\_\_  
March 20, 2019  
(Date)

We look forward to working with you.

Sincerely,

#### **KLM ENGINEERING, INC.**

Michael Olesen

WI Sales Manager

Office: 651-773-5111

Fax: 651-773-5222

Cell: 920-988-3431

Email: [MOlesen@klmengineering.com](mailto:MOlesen@klmengineering.com)

Enclosed: Quotation Submittal Form, KLM's Insurance Certificate, Terms and Conditions

U:\Proposals\De Pere, WI & MPU Manitowoc, WI RFP, Bid Submittal Sheets-PIRS- Estimates-Proposals\Manitowoc, WI Proposal 2-Dry Tank Inspection-Cleanout 1-1.5 MG Legged-1-1.5 MG Fluted Column.doc

Attachment: KLM Engineering (8074 : Consider Tower Inspection Contract)



## Manitowoc Public Utility

### 2019 Water Tower Inspection Proposal

The following proposal is submitted to: Manitowoc Public Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform water tower inspections.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Manitowoc Public Utility to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Manitowoc Public Utility's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Manitowoc Public Utility's requirements and that the prices for water tower inspections to meet said requirements are as follows:

Lump Sum Price for Northwest Water Tower Inspection: \$ 3,600.00

Lump Sum Price for Reed Ave Water Tower Inspection: \$ 3,600.00

KLM Engineering, Inc.  
Name of Firm

1976 Wooddale Drive, Suite 4, Woodbury, MN 55125  
Address of Firm

651-773-5111  
Telephone Number

651-773-5222  
Fax Number

molesen@klmengineering.com  
Email Address

Attachment: KLM Engineering (8074 : Consider Tower Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: KLM Engineering, Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Michael C Olsen

Signature of Bidder

3-20-2019

Date

Michael C. Olsen

Print or Type Name of Bidder

WI Sales Manager

Title

Estimated Start Date: June 1, 2019

Estimated Work Days to Complete: 4 days

Attachment: KLM Engineering (8074 : Consider Tower Inspection Contract)



KLMENG1

OB ID: AW

## CERTIFICATE OF LIABILITY INSURANCE

DATE 3.9.e

11/27/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|                                                                                                              |              |                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCER<br>American Insurance Services<br>615 South Barstow St.<br>Eau Claire, WI 54701<br>Daniel S Ortmann | 715-839-8004 | CONTACT NAME: Daniel S Ortmann<br>PHONE (A/C, No, Ext): 715-839-8004<br>FAX (A/C, No): 715-835-5127<br>E-MAIL ADDRESS: dortmann@ais.insure |
| INSURER(S) AFFORDING COVERAGE                                                                                |              | NAIC #                                                                                                                                     |
| INSURER A: Selective                                                                                         |              | 19259                                                                                                                                      |
| INSURER B: Lloyd's of London                                                                                 |              |                                                                                                                                            |
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| INSURER D:                                                                                                   |              |                                                                                                                                            |
| INSURER E:                                                                                                   |              |                                                                                                                                            |
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**COVERAGES** **CERTIFICATE NUMBER:** **REVISION NUMBER:**

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| INSR LTR | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                                                           | ADDL INSD | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                                                        |
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DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

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KLM Engineering, Inc.  
1976 Wooddale Drive, Suite 4  
Woodbury, WI 55125

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AUTHORIZED REPRESENTATIVE  
Daniel S Ortmann



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TERMS AND CONDITIONS

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2. **ADDITIONAL SERVICES.** Additional work or services shall not be performed without a duly executed change order or purchase order outlining the scope of additional work on services.
3. **OWNER'S RESPONSIBILITIES.** OWNER shall fully disclose to KLM its knowledge of the condition of the structure and its past and present contents and shall provide KLM with full information regarding the requirements for the project; shall designate an individual to act on OWNER'S behalf regarding the project. If necessary, shall clean and make the structure safe for entry; shall furnish the service of other consultants (including engineers, insurance consultants, accountants, attorneys, etc.) when those services are reasonable required or are reasonably requested by KLM; shall test for pollution and hazardous materials when required by law or requested by KLM; and shall provide all necessary permits and other authorization.
4. **SAFETY.** KLM shall only be responsible for safety of KLM personnel at the work site. The Owner or other persons shall be responsible for the safety of all other persons at the site. Owner shall inform KLM of any known or suspected hazardous materials or unsafe conditions at the work site. If, during the course of the work, such materials, or conditions are discovered, KLM reserves the right to take measures to protect KLM personnel and equipment or to immediately terminate services. Owner agrees to be responsible for payment of such additional protection costs. Upon such discovery, KLM agrees to immediately notify the Owner in writing, of the hazardous materials or unsafe conditions.
5. **HAZARDOUS MATERIALS.** Unless agreed in the scope of work KLM has no responsibility for the discovery, presence, handling, removal or disposal of or exposure of persons to hazardous materials at the project site. To the full extent permitted by the law, OWNER shall defend and indemnify KLM and its employees from all claims, including costs and attorney fees, arising out of the presence of hazardous materials on the job site.
6. **SITE ACCESS AND RESTORATION.** Owner will furnish KLM safe and legal site access. It is understood by Owner that in the normal course of work, some damage to the site or materials may occur. KLM will take reasonable precautions to minimize such damage. Restoration of the site is the responsibility of the Owner, unless agreed to in the scope of work.
7. **STANDARD OF CARE.** KLM will perform services consistent with the level of care and skill normally performed by other firms in the profession at the time of this service and in the geographic area, and under similar budgetary constraints. No other warranty is implied or intended.
8. **SCHEDULING.** Prior to scheduling the OWNER shall furnish a written purchase order or request for the services required and shall give as much notice as possible in advance of the time when the services are desired. Our ability to respond to such an order will depend upon the amount of advance notice provided. If an inspection is canceled or delayed after KLM personnel and/or equipment are in transit to the work site, then the OWNER shall be billed, according to the TERMS AND CONDITIONS, for costs incurred by KLM.
9. **INSURANCE.** KLM will maintain worker's compensation insurance and comprehensive general liability insurance and will provide OWNER with a certificate of insurance upon owner's request.



10. **PAYMENT, INTEST AND BREACH.** KLM will submit itemized monthly or other periodic invoices for work previously performed. Invoices are due upon receipt. OWNER will inform KLM of invoice questions or disagreements within 15 days of invoice date, unless so informed, invoices are deemed correct. OWNER shall make payment within 30 days after receiving each statement, and overdue payments will bear interest at 1.5 percent per month if OWNER is a business entity and at the legal rate of interest of the state in which the project is located if OWNER is a consumer. If any invoice remains unpaid for 60 days, such non-payment shall be a material breach of this agreement. As a result of such material breach, KLM may, at its sole option, suspend all duties to the Owner or other persons, without liability. Owner will pay all KLM collection expenses and attorney fees relating to past due fees, which the Owner owes under this agreement.
11. **MUTUAL INDEMNIFICATION.** Except as to matters actually covered by insurance purchased by KLM, KLM agrees to hold harmless and indemnify OWNER from and against liability arising out of KLM's negligent performance of the work, subject to any limitations, other indemnification's or other provisions OWNER and KLM have agreed to in writing. Except as to matters actually covered by insurance purchased by OWNER, OWNER agrees to hold harmless and indemnify KLM from and against liability arising out of OWNER'S negligent conduct, subject to any limitations, other indemnification's or other provisions OWNER and KLM have agreed to.
12. **LIMITATION OF LIABILITY.** OWNER agrees to limit KLM's liability to OWNER arising from professional acts, errors or omissions, such that the total aggregate liability of KLM does not exceed KLM's project fees except as to matters actually covered by insurance purchased by KLM.
13. **DELAYS.** If KLM work delays are caused by Owner, work of others, strikes, natural causes, weather, or other items beyond KLM's control, a reasonable time extension for performance of work shall be granted, and KLM shall receive an equitable fee adjustment.
14. **TERMINATION.** After 7 days written notice, either party may elect to terminate work for justifiable reasons. In this event, the OWNER shall pay for all work performed, including demobilization and reporting costs to complete the file project and reports to OWNER.
15. **SEVERABILITY.** Any provisions of this agreement later held to violate a law or regulation shall be deemed void, and all remaining provisions shall continue in force. However, OWNER and KLM will in good faith attempt to replace an invalid or unenforceable provision with one that is valid and enforceable, and which comes as close as possible to expressing the intent of the original provision.
16. **KLM'S DOCUMENTS.** All reports, specifications, drawings and other documents furnished by KLM are part of KLM's services to OWNER for use only for the project, and KLM retains all ownership of said documents regardless of whether the project is completed. OWNER may retain copies for reference in connection with the use and occupancy of the project; but KLM does not represent that the documents are suitable for reuse on extension of the project or on other projects. OWNER and others shall not use the documents on other projects or extensions of this project except by KLM's written agreement. OWNER will defend and indemnify KLM from all claims or losses arising out of the unauthorized use of the documents.
17. **ARBITRATION.** Any controversy or claim for money damages arising out of or relating to the making or performance or interpretation of this AGREEMENT, or the breach of this AGREEMENT, shall be settled by arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association. The arbitration panel shall consist of three arbitrators, at least one of who is a structural engineer; and the panel may award only money damages and shall not award equitable relief. Judgment upon the arbitration award may be entered in any court having jurisdiction of the parties. The enforceability of these arbitration provision and arbitration awards will be governed by the Federal Arbitration Act.

18. **ARBITRATION FEES.** The prevailing party to any dispute arising out of this AGREEMENT shall be entitled to recover its reasonable fees and costs from the other party.
19. **JOB SITE IMAGES, PHOTOGRAPHY AND VIDEO.** During the term of this contract and thereafter, KLM has permission to take still photographs or video of the site for training, documentation, education or promotional purposes. A signed agreement constitutes the Owner's written permission to use the photographic image or video in the manner described herein. The only identifiable information to be used by KLM will be the Owner's name as displayed on the image. Acceptance of these terms and conditions is considered a legal release by the Owner allowing KLM to use of photographic images as described herein.

C:\winword\Terms & Cond., proposal.  
11/1997

# City of De Pere and Manitowoc Public Utilities Wisconsin

Proposal for:

## 2019 Tower Inspections

250,000 gallon Multi-Legged Elevated Tank  
(City of De Pere - Merrill Tower)

500,000 gallon Spheroid Elevated Tank  
(City of De Pere - Matthew Tower)

1,250,000 gallon Fluted Column Elevated Tank  
(MPU - Northwest Water Tower)

1,500,000 gallon Multi-Legged Elevated Tank  
(MPU - Reed Ave. Water Tank)

4811 S 76th St.  
Suite 109  
Greenfield, WI 53220

Phone (414) 529-1859  
Fax (414) 282-7830

<http://www.dixonengineering.net>  
[dixon@dixonengineering.net](mailto:dixon@dixonengineering.net)

Date Submitted:

March 29, 2019

## Dixon Engineering, Inc.

Engineering and Inspections Services for the Coating Industry



## Firm Overview

Firm Name: Dixon Engineering Inc.  
Corporate Address: 1104 Third Avenue  
Lake Odessa, MI 48849  
  
Telephone: (616) 374-3221  
Fax: (616) 374-7116  
  
Wisconsin Address: 4811 S. 76<sup>th</sup> Street, Suite 109  
Greenfield, WI 53220  
  
Telephone: (414) 529-1859  
Fax: (414) 282-7830  
  
Contact Person: Mrs. Kayla Mulcahy, Project Manager  
E-mail: [kayla.mulcahy@dixonengineering.net](mailto:kayla.mulcahy@dixonengineering.net)

Year Dixon Engineering Established: 1981

DIXON was founded, in 1981, as a result of a personal experience of William J. Dixon, P.E. who, as a tank painting contractor from 1972 to 1974, observed the credibility gap between the owner, engineer, and contractor. Within our first five years of business, we developed over 200 clients in the Industrial, Federal, and State sectors. Our credibility is enhanced by the fact that we coordinate with, but are completely independent of, contractors, manufacturers, and owners. This allows unbiased inspections and recommendations. DIXON now has over 1,250 clients (i.e. Municipal, Industrial, Federal, and State) and performs approximately 300 preliminary maintenance storage tank inspections annually. DIXON started with one engineer and one office staff person.

DIXON maintains a staff of structural, and civil engineers, along with field technicians who are National Association of Corrosion Engineers (NACE) and American Welding Society (AWS) certified. Our employees have over two hundred years of combined experience in the inspection field. The purpose and necessity for inspection is to ensure the work is performed to the highest standard that will provide the longevity expected with a new or rehabilitated structure.

DIXON has been a leader in the coating engineering and inspection field as well as regulatory compliance for the coating industry for years. William J. Dixon, President and Founder, is an active member of the American Water Works Association (AWWA), national and state sections; and the Society for Protective Coatings (SSPC). He has chaired many committees and presently is an AWWA D-100 Steel Tank Committee member and a member of the AWWA Standards Council.

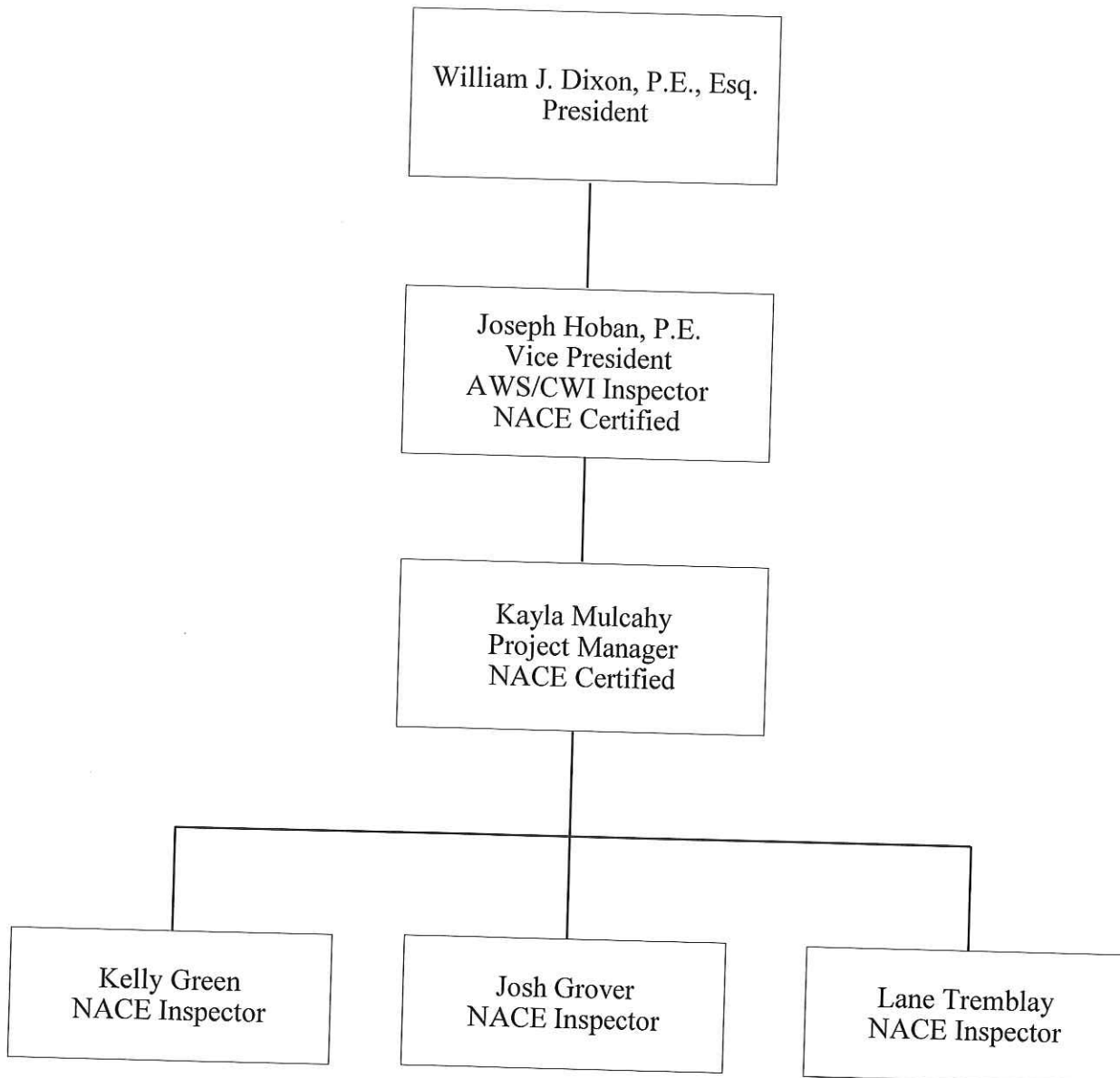


DIXON's quality control begins with the assignment of the Project Manager. The Project Manager is responsible for maintaining communication with the Owner and managing all phases of the work to be completed by DIXON, preparation and review of all reports and correspondence with the Owner and Project Engineer and attending all project related meetings.

DIXON's Project Manager has several resources available that are designed to ensure quality of our reports, designs, and contract documents. DIXON uses established procedures for performing inspections of each type of water storage tank. These procedures were developed using AWWA guidance, EPA and OSHA regulations, and through years of experience. DIXON uses Field Inspection Report (FIR) forms that are designed to collect vital information concerning the structural integrity, coating conditions, and safety for each tank that we inspect. These forms, along with photographs are used to develop our reports.

DIXON uses a three-pronged approach to check the quality of each document we prepare. First our support staff performs an editorial review of the document to ensure the information is consistent with the FIR and is grammatically correct. Next, the document is subjected to a thorough technical review. This technical review is performed by the Project Engineer. Finally, the Project Manager reviews the report to ensure the document meets all of the client's requirements.

## Dixon Engineering, Inc. Organization Chart



## Inspection Approach – Elevated Tanks

DIXON employs a three to four person inspection team and complies with OSHA requirements for confined space entry. One person inspects the tank interior, a second is the confined space attendant, and the third is a ground person responsible for emergency response and communications. A fourth person may be used for additional assistance on larger tanks. Utility personnel are required only to provide access to the tank and assist with connection to a source of water for cleaning (for drained inspections). They are not required to remain on site during the inspection.

### Drained Inspection

Dixon's approach to a drained inspection includes:

#### **A. Scope of Services Performed by Owner (Drained):**

1. Provide scheduling for mutually agreeable inspection date.
2. Provide access to DIXON personnel to all areas scheduled for inspection.
3. Provide insurance for Owner's personnel. They are not covered by DIXON's insurance.
4. Drain the water storage tank (hereinafter referred to as tank) prior to the arrival of DIXON. (Arrival time to be mutually agreed upon by the Owner and DIXON.)
5. Provide for the use of the Inspector a source of water. This can either be a hydrant or hose bib supply. A community fire truck can be provided if needed. (Fire truck does not reduce time, unless tank is a large reservoir.)
6. The Owner is not required to provide personnel to climb the tank; however, he is welcome to do so. A hard hat is required on this employee and any employee on the ground. DIXON does carry additional safety harnesses which can be used by the Owner's personnel; however, if the tank contains a fall prevention device, that device should be used. DIXON personnel carry their own personal safety equipment for that purpose. DIXON will assist the Owner's personnel in inspecting the exterior of the tank on the balcony and roof. If there is a bottom manhole into the wet interior of a sphere, hydropillar, or composite, or a ladder from the roof manhole, the Owner's personnel may enter. If DIXON is required to rig the tank using their own rope ladder and/or rigged line for descent through the riser, the Owner's personnel will not be allowed access.
7. Perform bacteriological testing after completion of the inspection. Two (2) consecutive samples are recommended at 24-hour intervals per AWWA C-652-11 Chlorination Method No. 3
8. Operate the system without the tank in-service. This includes operation and monitoring of pressure relief valves, if necessary.



**A. Scope of Services Performed by DIXON (Drained):**

1. Furnish three (3) pressure relief valves for each tower to MPU for Northwest Water Tower inspection and Reed Ave Water Tower for use on the distribution system at least two (2) days prior to the inspection. The Owner is to return the valves to DIXON within one week of the inspection. The purpose of these valves is to waste water to prevent excess pressures in the line. The Owner is cautioned to inspect these valves prior to their installation as they are provided to many clients with different water supplies and different water constituents. Several times these valves are directly shipped from one client to another; therefore, the valve must be adjusted and checked for sticking by the Owner prior to each use. The Owner should be aware that the valves are a safeguard, but they are not failsafe. The Owner should pay special attention to excess pressures in zones where he anticipates problems, such as older pipes. Valves can be sent up to a week or two in advance at the Owner's request.
2. DIXON will review existing drawings and as-built of tower and any other pertinent information pertaining to the tower.
3. DIXON will conduct inspection of the tower to meet all Wisconsin Department of Natural Resources (WDNR) requirements and Wisconsin Statutes NR 810.14.
3. Clean interior surfaces of the tank with high pressure water. Cleaning is necessary for the inspector to be able to remove sediment. This allows DIXON the ability to see any deterioration of the steel, pitting, etc. High pressure water also enables DIXON to perform a very low-cost adhesion test on the remaining coating. DIXON would notice if the coating is wavering, etc., which would indicate very poor adhesion and anticipated failure. The amount of sediment and water removed from a torus tank depends upon the Owner's preference.
4. Inspect the tank's interior coating for remaining intactness and anticipated life. Review all interior girders and appurtenances for possible structural damage from icing or corrosion.
5. Review all interior surfaces for corrosion and/or damage and quantify damage for repairs. All repairs are to be quantified by extrapolation of a measured area. All quantities are estimates (usually high) because corrosion will continue between inspection and repair.
6. Inspect the exterior coating and perform ASTM adhesion tests where coating adhesion is questionable. If it is evident that repainting is not necessary for several years, no destructive adhesion tests will be performed.
7. Review all exterior appurtenances for damage due to corrosion.
8. Review the exterior of the exposed foundations.
9. Review all safety requirements for ladders, cages, etc.



10. Review all health requirements of the tank, including screening of the vent, overflow pipe, and other possible contamination sources. Notification of failed areas will be provided to the Owner on site.
11. Prepare a report documenting all items found and recommendations for repair, including budgetary items. The engineering report is to include: Conclusions and recommendations, base report, and digital photographs with descriptions.
12. Provide a filled in DNR Form 3400-248 (Water Storage Facility Inspection Report) for the tank.
13. Chlorinate the tank per AWWA Method No. 3 C-652-11. Reinstall manhole cover. This item may be relocated to the Scope of Services Performed by Owner, if thus contracted.

## Reference List

| CLIENT                                                                                                      | CONTACT                                            | TANK SIZE                                                                                                                        | PROJECT                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Village of Bellevue</b><br>2828 Allouez Avenue<br>Bellevue, WI 54311                                     | Shawn Geiger                                       | 400,000 Gallon Spheroid                                                                                                          | 2018 Maintenance Inspection (Dry)                                                                                                                |
| <b>Town of Brookfield Sanitary District</b><br>150 South Barker Road<br>PO Box 1296<br>Brookfield, WI 53008 | Tony Skof<br>(262) 798-8629                        | 250,000 Gallon Spheroid                                                                                                          | 2018 Preliminary Maintenance Inspection (Dry)                                                                                                    |
| <b>City of Fredonia</b><br>PO Box 159<br>Fredonia, WI 53021                                                 | Roger Strohm<br>(262) 692-9125                     | 300,000 Gallon Spheroid                                                                                                          | 2018 Maintenance Inspection (Dry)                                                                                                                |
| <b>City of Fitchburg</b><br>2373 S. Fish Hatchery Road<br>Fitchburg, WI 53711                               | Phillip Manion<br>(608) 729-1730                   | 500,000 Gallon Spheroid (Tower B)<br>500,000 Gallon Spheroid (McKee Rd)                                                          | 2018 Maintenance Inspection (Dry)<br>2018 Maintenance Inspection (Dive)                                                                          |
| <b>Franzen Graphics Inc.</b><br>5300 State Highway 42<br>Sheboygan, WI 53083                                | Ed Miller<br>(920) 565-4656                        | 100,000 Gallon Spheroid                                                                                                          | 2018 Structural Inspection (Dry)                                                                                                                 |
| <b>Ho-chunk Community Nation</b><br>28902 State Hwy 21<br>PO Box 170<br>Tomah, WI 54660                     | Steve Christopherson<br>(715) 284-9851             | 15,000 Gallon Standpipe (Wisc. Dells)<br>250,000 Gallon Sphere (Black River Falls)<br>75,000 Gallon Spheroid (Black River Falls) | 2018 Maintenance Inspection (Dry)<br>2018 Maintenance Inspection (Dry)<br>2018 Maintenance Inspection (Dry)                                      |
| <b>Power Packaging Inc.</b><br>401 N. Main Street<br>Rosendale, WI 54974                                    | Steve Lawson<br>(920) 872-2181 ext 224             | 1,000 Gallon Hydropneumatic<br>1,000 Gallon Hydropneumatic<br>7,000 Gallon Hydropneumatic<br>7,000 Gallon Hydropneumatic         | 2018 Maintenance Inspection (Dry)<br>2018 Maintenance Inspection (Dry)<br>2018 Maintenance Inspection (Dry)<br>2018 Maintenance Inspection (Dry) |
| <b>City of Milwaukee</b><br>3000 North Lincoln Avenue<br>Milwaukee, WI 53221                                | Mark Gremmer<br>(414) 286—5508                     | 2,000,000 Gallon Fluted Column (Hawley)                                                                                          | 2018 Maintenance Inspection (Dry)                                                                                                                |
| <b>City of Middleton</b><br>7426 Hubbard Avenue<br>Middleton, WI 53562                                      | Dave Sarbacker<br>(608) 827-1086                   | 500,000 Gallon Toroellipse                                                                                                       | 2018 Warranty Inspection (Dry)                                                                                                                   |
| <b>City of Wauwatosa</b><br>11100 W. Walnut Road<br>Wauwatosa, WI 53213                                     | Adam Florin<br>(414) 471-8480 ext 5915             | 2,500,000 Gallon Toroellipse (Burleigh)                                                                                          | 2018 Maintenance Inspection (Dry)                                                                                                                |
| <b>Lincoln Hills School</b><br>W4380 Copper Lane<br>Irma, WI 54442                                          | Ruekert-Mielke Inc.<br>Andy Burt<br>(262) 953-4153 | 200,000 Gallon Standpipe                                                                                                         | 2018 Preliminary Maintenance Inspection (Dry)                                                                                                    |
| <b>City of Neillsville</b><br>118 W. Fifth Street<br>Neillsville, WI 54456                                  | Dave Flynn<br>(715) 7435678                        | 200,000 Gallon Spheroid                                                                                                          | 2018 Maintenance Inspection (Dry)                                                                                                                |
| <b>Rogers Memorial Hospital</b><br>308 Universal Street<br>Wales, WI 53183                                  | Jeff Detro<br>(262) 968-2525                       | 1,900 Gallon Hydropneumatic                                                                                                      | 2018 Preliminary Maintenance Inspection (Dry)                                                                                                    |





# CERTIFICATE OF LIABILITY INSURANCE

DIXONE1

3.9.f

OP ID: LB

DATE (MM/DD/YYYY)

03/27/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|                                                                                                                  |                                                 |                                    |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------|
| <b>PRODUCER</b><br>Blick Dillon Insurance<br>123 N Mitchell St P.O.B. 389<br>Cadillac, MI 49601<br>Pete Suminski | <b>CONTACT NAME:</b> Pete Suminski              |                                    |
|                                                                                                                  | <b>PHONE (A/C, No, Ext):</b> 231-775-3416       | <b>FAX (A/C, No):</b> 231-775-0817 |
| <b>INSURED</b><br>Dixon Engineering Inc<br>William Dixon<br>1104 3RD Ave<br>Lake Odessa, MI 48849-1191           | <b>E-MAIL ADDRESS:</b>                          |                                    |
|                                                                                                                  | <b>INSURER(S) AFFORDING COVERAGE</b>            |                                    |
|                                                                                                                  | <b>INSURER A:</b> Auto Owners Insurance Company | <b>NAIC #</b> 18988                |
|                                                                                                                  | <b>INSURER B:</b> EMC Insurance Companies       | 21415                              |
|                                                                                                                  | <b>INSURER C:</b> U.S. Specialty Insurance Co   | 29599                              |
|                                                                                                                  | <b>INSURER D:</b>                               |                                    |
|                                                                                                                  | <b>INSURER E:</b>                               |                                    |
| <b>INSURER F:</b>                                                                                                |                                                 |                                    |

**COVERAGES****CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE                                                                                                                                                                                                                                                                                                                                                     | ADDL INSD                       | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS                                                                                                                                                                                                                              |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------|---------------|-------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br><input checked="" type="checkbox"/> XCU<br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC<br>OTHER: | X                               | X        | 33007656      | 11/01/2018              | 11/01/2019              | EACH OCCURRENCE \$ 1,000,00<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,00<br>MED EXP (Any one person) \$ 10,00<br>PERSONAL & ADV INJURY \$ 1,000,00<br>GENERAL AGGREGATE \$ 2,000,00<br>PRODUCTS - COMP/OP AGG \$ 2,000,00 |
| A        | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY<br><input type="checkbox"/> ANY AUTO<br><input type="checkbox"/> ALL OWNED AUTOS<br><input type="checkbox"/> HIRED AUTOS<br><input type="checkbox"/> SCHEDULED AUTOS<br><input type="checkbox"/> NON-OWNED AUTOS                                                                                             | X                               | X        | 9536751602    | 07/01/2018              | 07/01/2019              | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,00<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$                                                                            |
| A        | <input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR<br><input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br><input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ WAIVED                                                                                                      |                                 |          | 9536751603    | 11/01/2018              | 11/01/2019              | EACH OCCURRENCE \$ 9,000,00<br>AGGREGATE \$ 9,000,00                                                                                                                                                                                |
| B        | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below                                                                                                                                                                                | Y/N<br><input type="checkbox"/> | N/A      | 5H7377019     | 10/13/2018              | 10/13/2019              | <input checked="" type="checkbox"/> PER STATUTE <input checked="" type="checkbox"/> OTH-ER<br>E.L. EACH ACCIDENT \$ 1,000,00<br>E.L. DISEASE - EA EMPLOYEE \$ 1,000,00<br>E.L. DISEASE - POLICY LIMIT \$ 1,000,00                   |
| C        | Professional Liab                                                                                                                                                                                                                                                                                                                                                     |                                 |          | USS1828843    | 07/01/2018              | 07/01/2019              | Ea. Claim 2,000,00<br>Aggregate 2,000,00                                                                                                                                                                                            |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

When required by contract or written agreement, certificate holder is included as Additional Insured with Waiver of Subrogation as indicated above.

**CERTIFICATE HOLDER**

CIDE006

City of De Pere  
925 South Sixth Street  
De Pere, WI 54115

**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

*Pete Suminski*

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## City of De Pere Water Utility

### 2019 Water Tower Inspection Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform water tower inspections.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for water tower inspections to meet said requirements are as follows:

Lump Sum Price for Merrill Water Tower Inspection: Three Thousand, One Hundred, Fifty Dollars, \$3,150.00

Lump Sum Price for Matthew Water Tower Inspection: Three Thousand, One Hundred, Fifty Dollars, \$3,150.00

Dixon Engineering, Inc.  
Name of Firm

4811 S. 76<sup>th</sup> Street, Suite 109, Greenfield, WI 53220  
Address of Firm

(414) 529-1859  
Telephone Number

(414) 282-7830  
Fax Number

kayla.mulcahy@dixonengineering.net  
Email Address

Attachment: Dixon Engineering (8074 : Consider Tower Inspection Contract)



The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: **Dixon Engineering, Inc.** and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Kayla Mulcahy  
Signature of Bidder

March 28, 2019  
Date

Kayla Mulcahy  
Print or Type Name of Bidder

Project Manager  
Title

Estimated Start Date: April 10, 2019

Estimated Work Days to Complete: One (1) Day

Attachment: Dixon Engineering (8074 : Consider Tower Inspection Contract)

## Manitowoc Public Utility 2019 Water Tower Inspection Proposal

The following proposal is submitted to: Manitowoc Public Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform water tower inspections.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Manitowoc Public Utility to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Manitowoc Public Utility's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Manitowoc Public Utility's requirements and that the prices for water tower inspections to meet said requirements are as follows:

Lump Sum Price for Northwest Water Tower Inspection: Three Thousand, Five Hundred, Fifty Dollars,  
\$3,550.00

Lump Sum Price for Reed Ave Water Tower Inspection: Three Thousand, Five Hundred, Fifty Dollars,  
\$3,550.00

Dixon Engineering, Inc.  
Name of Firm

4811 S 76<sup>th</sup> Street, Suite 109, Greenfield, WI 53220  
Address of Firm

(414) 529-1859  
Telephone Number

(414) 282-7830  
Fax Number

kayla.mulcahy@dixonengineering.net

Attachment: Dixon Engineering (8074 : Consider Tower Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: **Dixon Engineering, Inc.** and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Kayla Mulcahy  
Signature of Bidder

March 28, 2019  
Date

Kayla Mulcahy  
Print or Type Name of Bidder

Project Manager  
Title

Estimated Start Date: April 11, 2019

Estimated Work Days to Complete: One (1) Day

Attachment: Dixon Engineering (8074 : Consider Tower Inspection Contract)

## City of De Pere Water Utility 2019 Water Tower Inspection Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform water tower inspections.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for water tower inspections to meet said requirements are as follows:

Lump Sum Price for Merrill Water Tower Inspection:

\$ 3,880.00

Lump Sum Price for Matthew Water Tower Inspection:

\$ 3,980.00

Name of Firm

JAMES ORR - COATING INSPECTION

Address of Firm

1013 VALLEY STREAM DR., MADISON

Telephone Number

608-213-8085

Fax Number

N/A

Email Address

ORRINSPECT@gmail.com

Attachment: Jim Orr Coating Inspection (8074 : Consider Tower Inspection Contract)



The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: JAMES ORR COATING INSPECTION and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

James Orr  
Signature of Bidder

3/25/2019  
Date

JAMES ORR  
Print or Type Name of Bidder

OWNER  
Title

Estimated Start Date: MAY 15, 2019

Estimated Work Days to Complete: 2 DAYS

Attachment: Jim Orr Coating Inspection (8074 : Consider Tower Inspection Contract)

## Manitowoc Public Utility

### 2019 Water Tower Inspection Proposal

The following proposal is submitted to: Manitowoc Public Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform water tower inspections.

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Manitowoc Public Utility to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Manitowoc Public Utility's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Manitowoc Public Utility's requirements and that the prices for water tower inspections to meet said requirements are as follows:

Lump Sum Price for Northwest Water Tower Inspection: \$ 4,980.00

Lump Sum Price for Reed Ave Water Tower Inspection: \$ 5,280.00

JAMES ORR COATING INSPECTION  
Name of Firm

1013 VALLEY STREAM DR., MADISON, WI 53711  
Address of Firm

608-213-8085  
Telephone Number

N/A  
Fax Number

ORRINSPECT@gmail.com  
Email Address

Attachment: Jim Orr Coating Inspection (8074 : Consider Tower Inspection Contract)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: JAMES ORR COATING INSPECT and that  
the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has  
checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer,  
or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion,  
or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

James OM  
Signature of Bidder

3/25/2019  
Date

JAMES ORR  
Print or Type Name of Bidder

OWNER  
Title

Estimated Start Date: MAY 20, 2019

Estimated Work Days to Complete: 2-4 DAYS

Attachment: Jim Orr Coating Inspection (8074 : Consider Tower Inspection Contract)

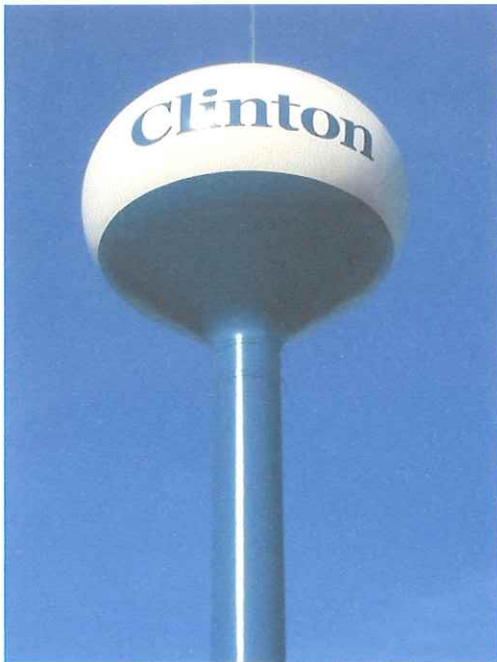
# James Orr Water Tank Inspections



Drain and Clean Out Method



Dive and Clean Out Method



Exterior Painting



Coating Inspection

- Wisconsin 5 Year DNR Water Tank Inspections
- Minor Tank Repairs
- Coating and Repair Estimates for Rehab Purposes
- Installation of Water Mixers
- Cellular Antenna Inspections

Contact James Orr at 608-213-8085 or [orrinspect@gmail.com](mailto:orrinspect@gmail.com)





## City of De Pere, Wisconsin

### Request For Board of Public Works Action

**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Public Works

**FROM:** Scott Thoresen

**SUBJECT:** Consider Leak Detection Survey\*

The City currently is experiencing approximately a 17% water loss per the 2017 Public Service Commission report in the system. In order to determine where the water loss is, staff has requested proposals from firms that perform leak detection surveys. The intent of the survey is to locate where the leaks are in the system so that they can be fixed and reduce our water loss. The last leak detection survey was done in 2017 which found 34 leaks for an estimated loss of 125 gallons per minute. Estimated annual savings once leaks were repaired was \$321,273.

During our planning of this project, staff talked to other communities in the area to see if they had any plans for performing a leak detection survey for the upcoming year. It turns out that the Village of Bellevue and Manitowoc Public Utilities (MPU) intended to do the same. Therefore, the City bid this project as a joint project with the Village of Bellevue and MPU. (See attached proposal) The intent of bidding the projects together were to try to achieve some cost savings for each community.

Staff solicited six (6) companies for proposals and has received (See attached proposals received) the following quotes for performing the leak detection survey:

|                                            |             |
|--------------------------------------------|-------------|
| Utility Service Associates, Seattle, WA    | = \$ 14,850 |
| Ferguson Waterworks Services, Appleton, WI | = \$ 22,800 |
| ME Simpson Company, Waukegan, IL           | = \$ 49,000 |
| Westrum Leak Detection, Stratford, IA      | = \$ No Bid |
| AECOM, Milwaukee, WI                       | = No Bid    |
| Waterworks Services, Wausau, WI            | = No Bid    |

After reviewing the proposals, it is recommended that City hire Utility Service Associates, of Seattle, WA to perform the water leak detection survey in the amount of \$ 14,850. The funding for this project was approved under the 2019 water utility budget under capital projects in the amount of \$30,000.

If you should have any questions or concerns regarding this matter, feel free to contact my office.

#### ATTACHMENTS:

- 2019 Leak Detection Proposal (DOC)
- Sample Consultant Agreement (PDF)
- 2019 Leak Detection Proposal Summary 3-29-19 (XLSX)
- Utility Service Associates (PDF)

- Ferguson Waterworks Services (PDF)
- ME Simpson Company (PDF)



# City of De Pere

925 South Sixth Street  
DePere, WI 54115-1199  
Phone: 920-339-8095  
Fax: 920-339-4071  
Cell: 920-639-1003

Scott J. Thoresen  
Director of Public Works  
sthoresen@mail.de-pere.org  
[www.de-pere.org](http://www.de-pere.org)

April 4, 2019

**RE: Request for Proposals  
2019 Leak Detection Survey**

The Village of Allouez, City of De Pere, and Manitowoc Public Utilities (MPU) are requesting a proposal from your firm to perform a comprehensive leak detection survey for the water distribution system in each community. The work under this proposal includes the labor and equipment to undertake the leak detection survey for each community to pinpoint any and all leaks on the water mains, valves, hydrants, service boxes, and services of the distribution system listed for each community under “system description”.

## Village of Allouez System Description

| Watermain<br>Material Type | Feet           |
|----------------------------|----------------|
| AC                         | 56,901         |
| Metal                      | 86,398         |
| PVC                        | 195,150        |
| <b>TOTAL=</b>              | <b>338,449</b> |

## City of De Pere System Description

| Watermain Diameter |                | Watermain Material |                |  |
|--------------------|----------------|--------------------|----------------|--|
| Diameter           | Feet           | Type               | Feet           |  |
| 4" or less         | 12,519         | Asbestos Cement    | 6,248          |  |
| 6"                 | 156,197        | Cast Iron          | 148,410        |  |
| 8"                 | 209,512        | Ductile Iron       | 143,556        |  |
| 10"                | 100,350        | PVC                | 332,532        |  |
| 12"                | 147,659        | Unknown            | 1,785          |  |
| 16"                | 6,294          |                    |                |  |
| <b>TOTAL=</b>      | <b>632,531</b> | <b>TOTAL=</b>      | <b>632,531</b> |  |

**MPU System Description**

|     |                                              |         |
|-----|----------------------------------------------|---------|
| 2"  | Metal (Cast Iron)                            | 1,393   |
| 4"  | PVC                                          | 7,698   |
| 6"  | Metal (Cast Iron)                            | 387,718 |
| 6"  | PVC                                          | 25,765  |
| 8"  | Metal (Cast Iron)                            | 94,554  |
| 8"  | PVC                                          | 142,304 |
| 8"  | PVC                                          | 1,546   |
| 10" | Metal (Cast Iron)                            | 24,778  |
| 10" | PVC                                          | 74      |
| 12" | Metal (Cast Iron)                            | 108,214 |
| 12" | PVC                                          | 82,315  |
| 12" | PVC                                          | 4,246   |
| 16" | Ductile Iron; Lined (late 1960's to present) | 155     |
| 16" | Ductile Iron; Lined (late 1960's to present) | 3,800   |
| 16" | Metal (Cast Iron)                            | 50,022  |
| 16" | PVC                                          | 5,889   |
| 20" | Ductile Iron; Lined (late 1960's to present) | 1,925   |
| 20" | Metal (Cast Iron)                            | 22,365  |
| 24" | Metal (Cast Iron)                            | 17,530  |
| 24" | Metal (Cast Iron)                            | 2,465   |
|     | TOTAL                                        | 984,756 |



## **Scope of Work:**

1. Review existing water distribution system maps, street maps, and pertinent water system reports for each community.
2. Contractor shall utilize equipment and methodology to listen and identify potential leaks on Water Utility's distribution system as listed above under "system description". All equipment used will be non-intrusive. The leak detection survey shall include the water main, valves, hydrants, services, and curb boxes. Contact shall be made with pipe appurtenances at intervals no greater than 350 feet where contact points are available and accessible. All hydrants and main line valves shall be listened to. On all PVC water mains, all water services shall be listened including 100% of the curb boxes including those on the PVC portion of the distribution system.
3. Contractor is responsible to provide all equipment, manpower, materials, and transportation required to conduct accurate leak detection survey.
4. The Contractor shall conduct the leak detection survey with limited disruption to the current operation of the Water Utility's water distribution system. The Contractor shall coordinate the survey with the Water Utility. The Water Utility staff shall operate all valves, hydrants, and curb stops.
5. The Contractor shall conduct the leak detection survey with minimal disruption to traffic. The Contractor personnel shall comply with all traffic regulations and Manual of Uniform Traffic Control Device requirements for working within the street.
6. With prior approval, the Contractor is permitted to perform the leak detection survey during weekends and abnormal working hours, to avoid heavy traffic and/or noise. Note that the Water Utility is only available to provide guidance and answer questions during normal working hours of Monday-Friday, 7am-3pm.
7. When a leak is suspected on a water service, the Water Utility shall turn off the water at the curb stop box and the contractor shall listen to determine if the leak is on the homeowner's side of the curb box.
8. Contractor shall prepare an inventory of defective system components such as valves, hydrants, meters, and curb stops, which are noted in the course of field investigation and activities. Contractor shall also note any map errors in the course of carrying out the leak detection survey.
9. The contractor shall prepare a final report showing the results of the leak detection and location survey. The report shall include a summary of the project and a list of leakage located by type, location, and estimated quantity of leakage. The final report will contain recommendations for future work based on the results of this survey.
10. The proposal should reflect the necessary effort to perform the above-mentioned work and any additional efforts the firm feels are necessary to complete the project.

**Payment:**

Payment shall be made when the following conditions have been met:

- 1) The Water Utility has received the final report showing the results of the leak detection survey.
- 2) A detailed invoice is submitted to Water Utility for the work has been completed.

**Schedule:**

It is intended that the entire water distribution system be surveyed in one mobilization for each Water Utility. The survey for each Water Utility shall be completed by September 27, 2019.

**Indemnification:**

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the Water Utility of each municipality, its officials, agents and employees against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost and expenses, which may in any way accrue against the Water Utility of each municipality, its officials, agents, employees and volunteers arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may in any way result therefore, except that arising out of the sole legal cause of the Water Utility of each municipality, its officials, agents, or employees, the Contractor shall, at its own expense appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connection therewith, and, if any judgment shall be rendered against the municipality, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same. Contractor expressly understands and agrees that any performance bond or insurance protection required by the contract, or otherwise provided by contractor, shall in no way limit the responsibility to indemnify, keep and save harmless, and defend the Water Utility of each municipality as herein provided.

**Insurance Requirements:**

The firm shall be required to provide the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than \$1,000,000; with additional umbrella liability insurance coverage to a total of not less than \$2,000,000.

2. Automobile bodily injury and property damage liability insurance covering owned, non-owned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$1,000,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total engineers and/or surveyor's fee on the project, whichever is greater.

### **Additional Information:**

- Sample consultant agreement is attached

### **All proposals should include the following information:**

- 1) Description of Methodology: The proposals must include a brief description of the methodology proposed to perform the leak detection survey. The description should include a description of the technology and equipment to be used to detect the leak (acoustic, ultrasonic, tracer, etc.) and the means to estimate leak volume. Include any innovative methods and their benefit to the project.
- 2) References: The proposals shall include the Contractor's experience. At a minimum, three (3) similar projects shall be included as references.
- 3) Cost: Firm shall submit prices on proposal sheets for each community provided with this proposal to complete all work mentioned above.
- 4) Schedule: Firm shall submit the number of days to complete the survey and the anticipated start date on proposal sheet for each community provide with this proposal to complete all work mentioned above.

Sealed proposals marked **"2019 Leak Detection Survey"** on envelope is to be delivered or mailed to:

Scott J. Thoresen P.E.,  
 Director of Public Works  
 City of De Pere  
 925 South Sixth Street  
 De Pere, WI 54115

All proposals shall be received no later than 2 p.m. Central Standard Time on March 29, 2019.

The Village of Allouez, City of De Pere, and MPU reserves the right to reject any or all proposals, to waive any informality in bidding and to accept any proposal which the respective City Council, Village Boards, or Commissions deems most favorable to the best interest of their community;

If you have any questions regarding Village of Allouez's water distribution system or leak detection survey please call Mike Mahloch, Water Foreman, at (920)-621-8745.

If you have any questions regarding MPU's water distribution system or leak detection survey please call Rob Michaelson at (920) 686-4354.

If you have any questions regarding City of De Pere's water distribution system leak detection survey, or this proposal, please call Scott Thoresen at (920) 339-8095.

Questions may also be emailed to [sthoresen@mail.de-pere.org](mailto:sthoresen@mail.de-pere.org).

Sincerely,

**DEPARTMENT OF PUBLIC WORKS**

Scott Thoresen, P.E.  
Director of Public Works

Attachment: 2019 Leak Detection Proposal (8075 : Consider Leak Detection Survey)



## Village of Allouez Water Utility 2019 Leak Detection Survey Proposal

The following proposal is submitted to: Village of Allouez Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Allouez to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Allouez's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Village of Allouez's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey: \$ \_\_\_\_\_

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Address of Firm

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Email Address

Attachment: 2019 Leak Detection Proposal (8075 : Consider Leak Detection Survey)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: \_\_\_\_\_ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print or Type Name of Bidder

\_\_\_\_\_  
Title

Estimated Start Date: \_\_\_\_\_

Estimated Work Days to Complete: \_\_\_\_\_

## City of De Pere Water Utility

### 2019 Leak Detection Survey Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey: \$ \_\_\_\_\_

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Address of Firm

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Email Address

Attachment: 2019 Leak Detection Proposal (8075 : Consider Leak Detection Survey)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: \_\_\_\_\_ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print or Type Name of Bidder

\_\_\_\_\_  
Title

Estimated Start Date: \_\_\_\_\_

Estimated Work Days to Complete: \_\_\_\_\_



## Manitowoc Public Utility

### **2019 Leak Detection Survey Proposal**

The following proposal is submitted to: Manitowoc Public Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Manitowoc Public Utility to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Manitowoc Public Utility's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Manitowoc Public Utility's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey: \$ \_\_\_\_\_

\_\_\_\_\_  
Name of Firm

\_\_\_\_\_  
Address of Firm

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Email Address

Attachment: 2019 Leak Detection Proposal (8075 : Consider Leak Detection Survey)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: \_\_\_\_\_ and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

\_\_\_\_\_  
Signature of Bidder

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print or Type Name of Bidder

\_\_\_\_\_  
Title

Estimated Start Date: \_\_\_\_\_

Estimated Work Days to Complete: \_\_\_\_\_

**AGREEMENT FOR SERVICES BETWEEN THE  
CITY OF DE PERE AND (CONSULTANT NAME)  
(Project Name)**

THIS AGREEMENT, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2016,  
by and between the City of De Pere, Wisconsin, ("City"), and \_\_\_\_\_  
\_\_\_\_\_("Consultant").

WITNESSETH

WHEREAS, the City is in need of \_\_\_\_\_ (project description)  
\_\_\_\_\_; and

WHEREAS, the Consultant has available and offers to provide personnel and facilities  
necessary to accomplish the work within the required time.

NOW THEREFORE, City and Consultant agree as follows:

**I. DESCRIPTION OF PROJECT**

The project is as described in the \_\_\_\_ (date) \_\_\_\_ City Request for Proposals (Exhibit A) and  
Consultants Proposal thereto dated \_\_\_\_ (date) \_\_\_\_ (Exhibit B), both of which are attached hereto and  
incorporated by reference. If a conflict exists between Exhibit A and Exhibit B, the terms of  
Exhibit A shall prevail. If there is a conflict between the terms and conditions of Exhibit A and  
this Agreement, the terms of this Agreement shall prevail.

If, during the course of performing the work, City and Consultant agree that it is  
necessary to make changes in the project as described in the exhibits, such changes will be  
incorporated into this Agreement only by written amendment, signed by the parties.

**II. SCOPE OF CONSULTING SERVICES**

Consultant agrees to perform those services described Exhibits A and B. Any change to  
the scope of services as identified therein shall be defined in writing and authorized by both  
parties prior to performing such work. Such writing shall include the scope of work to be done,  
schedule for commencing and completing the work and the basis for compensation for such  
work.

**III. SCOPE OF CITY SERVICES**

City agrees to provide the Consultant items such as existing plans, standard  
specifications, and other information concerning the project that may be applicable in the  
design of the project, as are available.

#### IV. AUTHORIZATION, PROGRESS, AND COMPLETION

In signing this Agreement, the City grants the Consultant specific authorization to proceed with the work described herein.

For special services, the authorization by the City shall be in writing and shall include the definition of the work to be done, the schedule for commencing and completing the work, and the basis for compensation for the work, all as agreed upon by the City and the Consultant.

#### V. OWNERSHIP AND FORM OF DOCUMENTS

All documents created, maintained or received during the course of this Agreement, including those in electronic form, shall be deemed the property of City and Consultant shall not be considered the owner of any such document nor shall the Consultant retain any common law, statutory, or other right therein, including copyright, patent, or trademark. To that end, Consultant agrees to and hereby does assign and transfer to City all rights, title, and other interests in such drawings, specifications, or other documents, which rights shall including copyright, trademark, or patent rights therein, unless City fails to pay Consultant for such drawings specifications and other documents, in which case the ownership and all rights shall revert to the Consultant.

City hereby grants Consultant a non-exclusive license to use the documents created pursuant to this Agreement, including any standard details used herein.

Consultant acknowledges that, as the Consultant to City, a Wisconsin municipality, Wis. Stats. §19.36(3) applies to it and records produced by it pursuant to this contract are subject to the public records law to the extent they would otherwise be if maintained by the City. Consultant agrees that, within 10 business days of a written request of City, it shall forward to City any such contract or records maintained by Consultant as are requested by City. Such records shall be in the format requested by City provided that such records are kept and maintained in that format. City shall reimburse Consultant for its reasonable costs incurred in complying with this paragraph.

Consultant further agrees to indemnify the City from all costs City incurs should Consultant fail to comply with these requirements.

#### VI. CONFIDENTIALITY OF INFORMATION

Consultant understands that, during the course of work under this contract, Consultant may become privy to confidential information of City. Consultant shall maintain the confidentiality of all information specifically designated confidential by City unless withholding such information would violate the law, create a significant harm to the public, or risk of significant harm to the public.



## VII. TIME FOR COMPLETION

The parties hereto agree that time is of the essence in completion of the project. Should Consultant encounter any circumstances, which, in the Consultant's opinion, will delay their response time, Consultant shall so inform the City as soon as the delay in response time is known.

## VIII. COMPENSATION

The City agrees to pay, and the Consultant agrees to accept, compensation as identified in Exhibit B, to be paid in a lump sum at the conclusion of the work. Payment to the Consultant is due upon receipt of invoice by the City. If payment is not made within 30 days, interest on the unpaid balance will accrue beginning with the 31<sup>st</sup> day at the rate of 1.0 percent per month or the maximum interest rate permitted by law, whichever is less. Such interest will become due and payable at the time said overdue payment is made. Compensation for special services shall be as agreed upon by the City and Consultant and set forth in the written authorization for special services.

## IX. RESPONSIBILITY OF CONSULTANT

The Consultant is employed to render a professional service only, and any payments made to the Consultant are compensation solely for such services rendered and recommendations made in carrying out the work. The Consultant shall follow the practice of its profession to make findings, opinions, factual presentations, and professional advice and recommendations.

## X. NON-DISCRIMINATION

The Consultant agrees that, in performing under this Agreement with the City, it will not discriminate against any employee, applicant for employment or any other person or member of the public on the basis of age, race, creed, color, disability, marital status, sex, national origin, ancestry, arrest record, conviction record, military service, use or non-use of lawful products off the employer's premises during nonworking hours, declining to attend a meeting or to participate in any communication about religious matters or political matters, or any other basis provided under Wis. Stats. §111.321.

## XI. INSURANCE

A. The Consultant shall maintain during the life of the Agreement, the following minimum public liability and property damage insurance to cover claims for injuries, including accidental death, as well as from claims for property damages which may arise from the performance of work under the Agreement as stated below:

1. Comprehensive general liability insurance, including personal injury liability, blanket contractual liability and broad form property damage liability. The combined single limit for bodily injury and property damage shall not be less than

\$1,000,000; with additional umbrella liability insurance coverage for a total of not less than \$2,000,000.

2. Automobile bodily injury and property damage liability insurance covering owned, nonowned, rented and hired cars. The combined single limit for bodily injury and property damage shall be not less than \$600,000.
3. Statutory workers compensation and employers' liability insurance as required by the state having jurisdiction.
4. Professional liability insurance covering damages resulting from errors and omissions of the Consultant. The limit of liability shall be \$1,000,000 or the total consultant's fee on the project, whichever is greater.

B. Proof of Insurance. The Consultant shall furnish the City with a Certificate of Insurance and additional insured endorsement countersigned by a Wisconsin Resident Agent or Authorized Representative of the insurer indicating that the Consultant meets the insurance requirements identified above. The Certificate of Insurance shall include a provision prohibiting cancellation of said policies except upon 30 days' prior written notice to the City and shall name the City as an additional insured under Consultant's general and professional liability policies for the specific contract or project covered. A copy of the Certificate of Insurance and endorsement shall be delivered to the City prior to execution of the agreement for final approval.

## XII. ALLOCATION OF RISKS

To the fullest extent permitted by law, the Consultant shall indemnify and hold harmless the City, City's officers, directors, partners, and employees from and against any and all costs, losses, and damages (including, but not limited to all fees and charges of engineers, architects, attorneys, and other professionals, and all court or arbitration or other dispute resolution costs) caused by the negligent acts or omissions of Consultant or Consultant's officers, directors, partners, employees, and Consultant's Consultants in the performance and furnishing of Consultant's services under this Agreement.

To the fullest extent permitted by law, Consultant's total liability to City and anyone claiming by, through, or under City for any cost, loss or damages caused in part by the negligence of Consultant or Consultant's subcontractor and in part by the negligence of City or any other negligent entity or individual, shall not exceed the percentage share that Consultant's or Consultant's subcontractor negligence bears to the total negligence of City, Consultant and all other negligent entities and individuals.

## XIII. SUBCONTRACTS

The Consultant shall obtain the written consent of the City prior to subcontracting any portion of the work to be performed under this project. The Consultant shall be responsible to the City for the actions of person and firms performing subcontract work.

#### XIV. ASSIGNMENT

This Agreement is binding on the heirs, successors, and assigns of the parties hereto. This Agreement is not to be assigned by either the City or Consultant without the prior written consent of the other.

#### XV. INTEGRATION

This Agreement represents the entire understanding of the City and Consultant as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Agreement may not be modified or altered except in writing signed by both parties.

#### XVI. JURISDICTION

This Agreement shall be administered and interpreted under the laws of the State of Wisconsin. Jurisdiction of litigation arising from this Agreement shall be in that state. If any part of this Agreement is found to be in conflict with applicable laws, such part shall be inoperative, null and void insofar as it is in conflict with said laws, but the remainder of this Agreement shall be in full force and effect.

#### XVII. SUSPENSION OF WORK

The City may suspend, in writing, all or a portion of the work under this Agreement in the event unforeseen circumstances beyond the control of the Contractor make normal progress in the performance of the work impossible. The Consultant may request that the work be suspended by notifying the City, in writing, of circumstances which are interfering with normal progress of the work. If agreed, the time for completion of the work shall be extended by the number of days the work is suspended by Contractor through no fault of Contractor. In the event that the period of suspension exceeds 90 days, the terms of this Agreement are subject to renegotiation and both parties are granted the option to terminate work on the suspended portion of the project in accordance with Article XVIII.

#### XVIII. TERMINATION OF WORK

The City may terminate all or a portion of the work covered by this Agreement for its convenience. Either the City or the Consultant may terminate work in the event the other party fails to perform in accordance with the provisions of this Agreement. Termination of this Agreement is accomplished by 15 days prior written notice from the party initiating termination to the other. Notice of termination shall be delivered by certified mail with receipt for delivery returned to the sender.

In the event of termination, the Consultant shall perform such additional work as is necessary for the orderly filing of documents and closing of the project. The additional time for filing and closing shall not exceed 10 percent of the total time expended on the completed portion of the project prior to the effective date of termination.

The Consultant shall be compensated for the completed portion of the work on the basis of work actually performed prior to the effective date of termination plus the work required for filing and closing.

#### XIX. MEDIATION

All claims, disputes and other matters in question between the parties of this Agreement arising out of or relating to this Agreement or breach thereof, which are not disposed of by mutual agreement of the parties, shall be subject to mediation as a condition precedent to the institution of legal proceedings by either party. If such claim, dispute or other matter involves a lien arising out of the Consultant's services, the Consultant may proceed in accordance with applicable law to comply with lien notice and filing deadlines prior to resolution of the matter by mediation.

The City and Consultant shall attempt to resolve claims, disputes and other matters in question between them by mediation. A request for mediation shall be filed in writing with the other party to this Agreement. The request may be made concurrently with the filing of a civil action, but mediation shall proceed in advance of legal proceedings.

The parties shall share the mediator's and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

#### XX. NOTICES

Any notification required or needed under the contract shall be sent via First Class Mail to the following:

If to City:

If to Consultant:



IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

(COMPANY NAME)

CITY OF DE PERE, WISCONSIN

By: \_\_\_\_\_  
Name: \_\_\_\_\_

By: \_\_\_\_\_  
Michael J. Walsh, Mayor

By: \_\_\_\_\_  
Name: \_\_\_\_\_

By: \_\_\_\_\_  
Shana D. Ledvina, Clerk-Treasurer

H:\jdupont\Agreements\2016\Consultant Agreement Template revised 2-22-16.docx

Attachment: Sample Consultant Agreement (8075 : Consider Leak Detection Survey)

### Leak Detection Proposals Summary 3-29-19

| Company Name                 | Community          | LS          |
|------------------------------|--------------------|-------------|
|                              |                    |             |
| Utility Service Associates   |                    |             |
|                              | Village of Allouez | \$7,650.00  |
|                              | City of De Pere    | \$14,850.00 |
|                              | MPU                | \$22,500.00 |
| Ferguson Waterworks Services |                    |             |
|                              | Village of Allouez | \$12,179.00 |
|                              | City of De Pere    | \$22,800.00 |
|                              | MPU                | \$43,827.00 |
| ME Simpson Company           |                    |             |
|                              | Village of Allouez | \$31,850.00 |
|                              | City of De Pere    | \$49,000.00 |
|                              | MPU                | \$64,925.00 |
| AECOM                        |                    |             |
|                              | Village of Allouez | No Bid      |
|                              | City of De Pere    | No Bid      |
|                              | MPU                | No Bid      |
| Westrum Leak Detection       |                    |             |
|                              | Village of Allouez | No Bid      |
|                              | City of De Pere    | No Bid      |
|                              | MPU                | No Bid      |
| Waterworks Services          |                    |             |
|                              | Village of Allouez | No Bid      |
|                              | City of De Pere    | No Bid      |
|                              | MPU                | No Bid      |
|                              |                    |             |

Attachment: 2019 Leak Detection Proposal Summary 3-29-19 (8075 : Consider Leak Detection Survey)

## Village of Allouez Water Utility 2019 Leak Detection Survey Proposal

The following proposal is submitted to: Village of Allouez Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Allouez to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Allouez's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Village of Allouez's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey: \$ 7,650.00

Utility Services Associates, LLC  
Name of Firm

19655 1st Ave. South, Suite 101 Seattle, WA 98148  
Address of Firm

877-585-5325  
Telephone Number

206-429-3441  
Fax Number

rmeston@nrwloss.com  
Email Address

Attachment: Utility Service Associates (8075 : Consider Leak Detection Survey)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Utility Services Associates, LLC and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Signature of Bidder

03/28/2019

Date

Rob Meston

Print or Type Name of Bidder

President

Title

Estimated Start Date: 04/29/2019

Estimated Work Days to Complete: 13

Attachment: Utility Service Associates (8075 : Consider Leak Detection Survey)



## City of De Pere Water Utility 2019 Leak Detection Survey Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey:

\$ 14,850.00

Utility Services Associates, LLC

Name of Firm

19655 1st Ave. South, Suite 101 Seattle, WA 98148

Address of Firm

877-585-5325

Telephone Number

206-429-3441

Fax Number

rmeston@nrwloss.com

Email Address

Attachment: Utility Service Associates (8075 : Consider Leak Detection Survey)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Utility Services Associates, LLC and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Signature of Bidder

03/28/2019

Date

Rob Meston

Print or Type Name of Bidder

President

Title

Estimated Start Date: 05/27/2019

Estimated Work Days to Complete: 25

Attachment: Utility Service Associates (8075 : Consider Leak Detection Survey)

## Manitowoc Public Utility

### 2019 Leak Detection Survey Proposal

The following proposal is submitted to: Manitowoc Public Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Manitowoc Public Utility to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Manitowoc Public Utility's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Manitowoc Public Utility's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey:

\$ 22,500.00

Utility Services Associates, LLC

Name of Firm

19655 1st Ave. South, Suite 101 Seattle, WA 98148

Address of Firm

877-585-5325

Telephone Number

206-429-3441

Fax Number

rmeston@nrwloss.com

Email Address

Attachment: Utility Service Associates (8075 : Consider Leak Detection Survey)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Utility Services Associates, LLC and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Signature of Bidder

03/28/2019

Date

Rob Meston

Print or Type Name of Bidder

President

Title

Estimated Start Date: 07/15/2019

Estimated Work Days to Complete: 37

Attachment: Utility Service Associates (8075 : Consider Leak Detection Survey)





## Proposal

### 2019 Leak Detection Survey



**Submitted to:**

City of De Pere  
925 South Sixth Street  
De Pere, WI 54115



**Submitted by:**

Utility Services Associates  
19655 1<sup>st</sup> Ave. So. Suite 101  
Seattle, WA 98146

Attachment: Utility Service Associates (8075 : Consider Leak Detection Survey)

# PROPOSAL

## Contents

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# PROPOSAL

March 27, 2019

City of De Pere  
Attn: Scott J. Thoresen, P.E.  
Director of Public Works  
925 S. 6<sup>th</sup> St.  
De Pere, WI 54115

Subject: **Request for Proposal – 2019 Leak Detection Survey**

Dear Mr. Thoresen,

Utility Services Associates, LLC (USA) would like to thank you for the opportunity to submit this proposal for a Water Leak Detection Survey for the Village of Allouez (Village), the City of De Pere (City) and the Manitowoc Public Utility (MPU). Please let this letter act as confirmation of our interest in the project. USA fully understands the Scope of Services as set forth in the Request for Proposal (RFP). We believe that our unique qualifications and the services that we provide make us the best candidate for completing this work.

USA specializes in water leak detection on distribution and transmission systems. We have completed thousands of projects all over the United States. We advocate furnishing a comprehensive vs. spot-check leak survey of the areas you designate. This will maximize our ability to find even the smallest leaks. We constantly upgrade to the latest technology and methods to provide the most cost-effective service available.

Cayd Mathiasen will be assigned as Project Manager for USA for this project. More information can be found about Cayd's qualifications and background in the Qualifications section of this Proposal. Cayd can be reached at 877-647-LEAK (5325) or via email at [cmathiasen@nrwloss.com](mailto:cmathiasen@nrwloss.com). We look forward to assisting the you with this important project.

Sincerely,



Rob Meston  
President

Attachment: Utility Service Associates (8075 : Consider Leak Detection Survey)

# PROPOSAL

## Qualifications

### COMPANY PROFILE

USA is a group of professionals working with other professionals and manufacturers, creating new technology as well as developing new procedures and methods to better serve the water industry.

The professionals at USA have an understanding for the business few companies can match. As leaders in the industry, USA is at the heart of today's demand for cost-effective solutions for water line leak detection and meeting conservation mandates.

We have a reputation for using the latest water leak detection technologies including everything from correlator systems to thermal/multi-spectral imaging. We employ a highly trained staff with decades of individual experience and take pride in providing the highest level of service in the industry.

Our primary service is to provide Water System Leak Detection using state of the art correlation technology. We are equipped for worldwide mobilization. We provide our services to all types and sizes of water systems, on a preventative (pro-active) or emergency basis (earthquake recovery).

USA travels the globe to bring water loss control services and technology to clients interested in preserving one of our most precious resources. We work with clients in a variety of roles in water distribution and transmission. Our clients come from the following sectors:

| Water System Management  | Government Entities        | Residential Commercial |
|--------------------------|----------------------------|------------------------|
| Municipalities           | Military Bases             | Homeowners/HOA's       |
| Engineering Firms        | Bureau of Indian Affairs   | Contractors            |
| Public Utility Districts | Federal and State agencies | Builders               |

### COMPANY MILESTONES

- **FOUNDED - 1985**
- **SOLD TO WESTERN UTILITY SUPPLY - 1994**
- **SOLD TO HUGHES SUPPLY - 2000**
- **SOLD TO HOME DEPOT - 2005**
- **SPLIT OFF - 2009**



## PROPOSAL

### USA RECORD OF SUCCESSES

The following is a list of projects successfully completed between 2009 and 20185 (overall average of 5 days per project):

- 2009 – 298 leak detection projects
- 2010 – 308 leak detection projects
- 2011 – 277 leak detection projects
- 2012 – 312 leak detection projects
- 2013 – 288 leak detection projects
- 2014 – 294 leak detection projects
- 2015 – 312 leak detection projects
- 2016 – 241 leak detection projects
- 2017 – 252 leak detection projects
- 2018 – 237 leak detection projects

In addition to our significant project list, USA holds associate memberships and involvement in professional organizations and committees such as; American Water Works Association (AWWA), National Rural Water Association (NRWA). In addition, our involvement with the AWWA Water Accountability Committee helps us stay abreast of changing trends in the industry, allowing us to better meet the ever-changing needs and requirements of our clients.

### INSURANCE COVERAGE

USA maintains the amounts of insurance coverage listed below. We will provide a certificate showing evidence of coverage as required in the RFB, upon notice of award:

| Type                  | Company                                                           | Limitation            |
|-----------------------|-------------------------------------------------------------------|-----------------------|
| General Liability     | American Casualty Co.                                             | 2,000,000             |
| Automobile            | Mutual of Enumclaw                                                | 1,000,000             |
| Excess Liability      | Continental Casualty Co.                                          | 3,000,000             |
| Worker's Compensation | Washington State Labor & Industries<br>Valley Forge Insurance Co. | No Limit<br>1,000,000 |

# PROPOSAL

## COST CONTROL

Each project that we propose is carefully calculated and based on information provided by the client (i.e. number of miles, amount of loss, etc.). If, during the course of a project, the amount of line to be surveyed (which is the foundation on which all proposals are built) is determined to be significantly different than proposed, the field staff communicates this to the Project Manager as soon as it becomes apparent. The Project Manager then works closely with the client to resolve the problem, therefore limiting any cost over-runs before they are realized. Any additional work that was not part of the original proposed schedule will be approved by the client in writing.

## QUALITY ASSURANCE PROGRAM

USA has established a carefully planned and controlled Quality Assurance Program, which is broken down into three (3) main areas:

### 1. Client Contact

When the very first contact is made with the client, our Project Managers begin to work closely with the client representative to establish a project scope. This includes:

- Preparing a detailed Proposal
- Precision Scheduling
- Liaison between client and field personnel

### 2. Project Work

Once the project has started, our field staff meet with the client representative(s) and establish a routine schedule. Most projects are modeled after the following steps:

- Survey Phase - this is the cursory sounding "sweep" and is done at pre-established listening distances (refer to the Description of Services section of this proposal for more information).
- Pinpointing Phase - during this phase, leaks are pinpointed using various sophisticated equipment. Daily copies of leak reports are provided to the client so that repairs can be scheduled in a timely manner.

# PROPOSAL

## 3. Project Follow-up

Project follow-up starts in the field with a debriefing meeting between our Water Loss Consultants and the client contact. A review of project specifics is provided at this time.

- Final Report preparation and submission
- Ensuring the client understands the data collected
- Continued post project client support

## TEAM QUALIFICATIONS

The team at USA is fully qualified to perform all tasks outlined in the RFP. The short biographical paragraphs below illustrate the wide range of expertise that each key member of our team brings to the project. **Note:** The following team members will be dedicated for this project. If in the future, we must assign someone not on the list, we will pre-qualify them with each system representative prior to having them complete any work on this project):

**Rob Meston, President.** Mr. Meston has over 28 years of experience in water conservation. He started as a Leak Consultant with USA in 1990. Mr. Meston is one of the most senior leak detection experts in the country. In 1994 the company was sold and under the new company he was promoted to Consultant/Technical Support where he was responsible for the day-to-day activities of the field crews. In 2009 Mr. Meston partnered with Bruce Rubin to reform Utility Services Associates, LLC.

**Cayd Mathiasen, Business Development Rep and Project Manager.** Mr. Mathiasen attended the College of Southern Idaho and completed his degree Business Management. After completing his education, Mr. Mathiasen acquired a position with Harris Publishing, in the sales and marketing division. Mr. Mathiasen joined the USA in 2018 and works out of the Montana Branch, where he leads the company's sales and marketing initiatives. He also acts as Project Manager for most projects on the east coast. Mr. Mathiasen's areas of expertise include Leak Detection, Water Audits, and Tank Inspection. Mr. Mathiasen is also instrumental in developing new procedures, methods, and products to keep USA on the cutting edge. Mr. Mathiasen also helps coordinate scheduling and is available in an advisory Capacity. Mr. Mathiasen will be the point of



## PROPOSAL

contact regarding any matters requiring scheduling, contract interpretation or conflict resolution. Mr. Mathiasen can be reached at 877-647-LEAK (5325) or at [cmathiasen@nrwloss.com](mailto:cmathiasen@nrwloss.com).

**Cory Simonson, Director of Operations.** Mr. Simonson joined USA as a Field Technician in 2009 and currently works out of our Montana office, responsible for Operations. Cory was promoted to Field Consultant and acted as on-site project manager, coordinating with other technicians to maintain project continuity and quality assurance. He helped to develop and pilot our Segway survey methods. His primary responsibilities include consulting with clients on water conservation projects. In addition, he acts as technical adviser to USA field activity. He is a State of Montana Certified Operator: Water Distribution 2A, Water Treatment 3B. Mr. Simonson will be available to assist with equipment and field staff related issues. Mr. Simonson can be reached at 800-241-3420 or [csimonson@nrwloss.com](mailto:csimonson@nrwloss.com).

**Suzie Freeman, Office Manager.** Ms. Freeman has over 6 years of experience, having joined USA in June of 2008. She coordinates and maintains all client files including pre-project correspondence and Final Report preparation and submission. She acts as liaison between senior management and field staff and provides office support for all aspects of the Leak Detection system.

**Eric Kelsay, Senior Water Loss Consultant.** Mr. Kelsay attended Olympic College in Bremerton, WA studying electronics, engineering and welding. In March 2005, Mr. Kelsay joined USA as a Field Leak Consultant. Mr. Kelsay is a highly trained, experienced Leak Consultant whose hard work and dedication have earned him praise from many of the clients he has worked with. Mr. Kelsay works out of our Seattle, WA office and is available for travel anywhere. He recently completed a 71-mile project for the Pine Bluff Arsenal, AR.

**Thomas Olson, Water Loss Consultant.** Mr. Olson works out of our Seattle office as a Water Loss Consultant and is available to travel anywhere in the US. His most recent projects include a 124-mile project in Cape Canaveral, FL.

**Jerry Thomas, Leak Consultant.** Mr. Thomas works out of our Atlanta, GA satellite office as a Water Loss Consultant and is available to travel anywhere in the US. His most recent projects include a 100 mile project in Williamsport, PA.



## PROPOSAL

**Matthew Sanchez.** Mr. Sanchez works out of our Dallas, TX office and has handled projects mainly in the SE for the past year. Mr. Sanchez has been on jobs of all types and sizes including the Toho, FL leak detection project, which was completed in April 2018.

End of Section

# PROPOSAL

## References

### **Green Bay Water Utility**

PO Box 1210

Green Bay, WI 54305

Jason Maes

Jasonma@greenbaywi.gov

920-448-3480

10 Days Annually Since 2009. Have provided extensive training and equipment sales as well (Green Bay does some leak detection in-house).

**USA Project Manager** – Cayd Mathiasen was involved in coordinating scheduling, follow-up and general liaison between City representatives and the USA office and field staff.

**USA Field Staff** – All USA field staff have been involved in the survey of the Green Bay water system at some point. They are tasked with fieldwork related to the data collection and pinpointing of leaks throughout the system. Note – Cory Simonson has provided training for Green Bay on their in-house program.

### **City of Talladega**

#### **c/o Insight Engineering**

5800 Feldspar Way

Talladega, AL 35244

James Cassidy

james@insiteengineering.org

205-985-2102

20 Days Annually Since 2013

**USA Project Manager** – Bruce Rubin was involved in coordinating scheduling, follow-up and general liaison between Insight Engineering, City representatives and the USA office and field staff.

**USA Field Staff** – Eric Kelsay, Jerry Thomas and Brian Carey have all been involved in the survey of the Talladega water system at some point. They are tasked with fieldwork related to the data collection and pinpointing of leaks throughout the system.

## PROPOSAL

### Jacobs – City of North Miami Beach, FL

17050 NE 19<sup>th</sup> Ave.

NMB, FL 33162

Karim Rossy

karim.rossy@ch2m.com

305-948-2967

40 Days Annually Since 2008

**USA Project Manager** – Cayd Mathiasen was involved in coordinating scheduling, follow-up and general liaison between the City representatives and the USA office and field staff.

**USA Field Staff** –Matthew Sanchez and Jerry Thomas have extensive experience with this client and have provided the majority of fieldwork over the past 2-3 years. Since we first started, the City has installed an MLog system and we now verify the data and pinpoint the leaks associated with the MLog system.

### City of Rome Water & Sewer

PO Box 1711

Rome, GA 30162-1711

Mick Hackett

mhackett@romega.us

479-968-2080

10 Days Annually Since 2012

**USA Project Manager** – Cayd Mathiasen was involved in coordinating scheduling, follow-up and general liaison between the City representatives and the USA office and field staff.

**USA Field Staff** – Eric Kelsay, Jerry Thomas and Brian Carey have all been involved in the survey of the Rome water system at some point. They are tasked with fieldwork related to the data collection and pinpointing of leaks throughout the system.

End of Section

# PROPOSAL

## Procedures and Methods

### PROJECT UNDERSTANDING

After reviewing information in the RFP, we are certain we can identify areas of leakage in water systems (as outlined below), which when repaired, will reduce non-revenue water losses and make recommendations for system improvements.

### PROJECT SPECIFICS

This project combines a leak survey for the Village of Allouez, City of De Pere and the Manitowoc Public Utilities, WI. USA will work closely with the each client representative in reviewing information for this project and selecting the appropriate pipeline appurtenances, reviewing maps and creating a survey plan, which once approved, the work will be scheduled. We estimate the field work will take approximately 75 working days for all three systems. USA will pinpoint ALL detectable leaks.

#### Water System Data

The area serviced by the Village of Allouez consists of approximately **64.1** miles of water lines consisting of **AC, Metal and PVC**. Pipe Sizes range from are unknown.

The area serviced by the City of De Pere consists of approximately **119.119.80** miles of water lines consisting of **AC, CI, DI, PVC and Unknown**. Pipe Sizes range from **4" or less to 16"**.

The area serviced by the Manitowoc Public Utilities consists of approximately **186.51** miles of water lines consisting of **CI, DI and PVC**. Pipe Sizes range from **2" to 24"**.

### PROJECT TASKS

USA surveys for water leaks using the latest in leak detection technology available. We use a sonic leak detection sound amplification instrument in conjunction with a sensitive transducer to conduct system surveys. We use various sophisticated equipment from correlators to ground microphones to pinpoint system leakage. Trained, experienced



## PROPOSAL

professionals operate our equipment. Our Water Loss Consultants undergo an annual audiogram (hearing test). A detailed report of leak locations, estimated gallon per minute (GPM) loss, and area covered is supplied daily. A Final Report will be provided within 21 business days following field work completion.

### Task 1. Meetings

**Overview:** To ensure that the project is performed effectively we will meet on a regular basis with project representatives. These meetings will include:

- A. **Kick-off Meeting** – USA field staff will meet with designated client project representatives to obtain and review system maps (these same maps will be reviewed by the USA Project Manager prior to the Notice to Proceed), outline project goals and review the project action plan. This plan will include a timeline for completion of each task as well as unique project requirements such as safety, traffic control, communication issues and data reporting.
- B. **Close-out Meeting** – USA field staff will meet with designated client project representative to discuss the results of the project. Any maps provided to USA staff will be returned.

### Task 2. Survey Phase

**Overview:** The Survey Phase will be accomplished using state of the art acoustic equipment, making direct contact with system appurtenances such as valves, services and fire hydrants. This will be done using the following steps:

- A. The first step in our survey is to review the client distribution water system maps for each system for familiarization of the pipe networks and the appurtenances to be checked. This initial review is helpful in developing the most efficient survey possible.
- B. As the leak survey progresses, USA will sound appurtenances at varying distances depending on pipe type, size and pressure. Generally, access points will not exceed 350' where available. However, areas with limited access may require the distance to be exceeded. Whenever PVC is checked, we will make contact with all available services, as well as all available valves and hydrants. This increases the likelihood of finding leaks on PVC, which is very difficult.

## PROPOSAL

- C. When normal contact points are not available we will try to use a sonic ground listening instrument, making physical ground contact at intervals no greater than 10 feet directly, over the pipe. In cases where contact is limited and the lines run under soil, we will attempt to use a probe rod and the leak noise amplifier. If conditions do not allow for either procedure, our Water Loss Consultants will advise client project representatives at time of project and we will detail these locations in the Final Report (ground listening devices are employed when ground cover is pavement, cement, or a similar hard surface). We will also deploy acoustic noise loggers if necessary.
- D. All noises detected will be recorded the noise for re-investigation during the Pinpointing Phase. A preliminary survey report will be given to the client representatives for each system to include a list of all leak noises, and easily identified leaks (hydrant leaks, visible leaks, etc.).

**Note:** The equipment utilized does not normally require appurtenances to be operated during surveying. However, on occasion, appurtenances may need to be operated to eliminate service draw noise or to change velocity noise. Operation of appurtenances will only be done by client crews unless approved and directed otherwise. If we are directed to operate appurtenances, we will not be liable for any broken appurtenances or damage.

Some night or early morning shifts may be necessary to enable us to adequately survey high traffic arterials with a minimum of traffic and noise interference. These will be pre-approved by the client project representatives. We will also provide a list of system anomalies (missing valve lids, etc.) with each Final Report.

### Task 3. Pinpointing Phase

**Overview:** All noises detected during the Survey Phase will be re-investigated during the Pinpointing Phase. The pinpointing of leaks will be accomplished using computer correlation equipment whenever/wherever possible as well as ground microphones and probes. This will be done using the following steps:

- A. Pinpointing leak locations through interpretation of sound intensity, either by ear, decibel metering or other like methods is not used when contact points are available for use with the correlator.
- B. As with the Survey Phase, the equipment utilized does not normally require valves to be operated during surveying and pinpointing. However, on occasion, services or valves



## PROPOSAL

may need to be operated to eliminate service draw noise or to change velocity noise. Client project representatives will operate appurtenances if required, unless we have prior approval to operate appurtenances. If so, USA will not be liable for any damage.

- C. The correlator equipment used will have the capability to prompt the operator to input the variables when different pipe sizes and/or pipe materials are encountered in the same span to be investigated. This is necessary to ensure accuracy of results based on the automatic computation of the correct leak sound velocity in leak pinpointing operations. Our correlator has the capability of correlating up to seven different pipe materials or diameters within the selected span. To insure effective performance in all field environments encountered in your distribution system (i.e. traffic noise, draw, pump operation, industrial noise, etc.) the correlator equipment provides 12 multi-range High and Low Pass filters (FCS TriCorr). A correlator will be on site at all times during leak detection projects.
- D. Each leak will be classified according to size in gallons per minute (GPM) and hazard in order to aid in scheduling repairs. It should be noted that leak classification is not an exact science. In spite of the use of the most modern instrumentation, as well as complete training and experience by our Leak Consultant, it is impossible to determine the exact condition of underground piping without actually exposing the line. In view of this limitation, our classification (including estimated GPM loss) is intended as an aid in scheduling repairs based upon the information available, the Leak Consultant's judgment and site conditions at the time the leak report is being prepared. Variable factors beyond our control may alter this classification at any time. Once the leak is exposed for repair, you may wish to revise the estimated GPM loss in order to establish a more accurate estimate of actual water loss for reporting purposes.

Leak Classifications are outlined in the Leak Classification and Estimation section of this proposal.

- F. Leak location may be marked in the field with environmentally friendly paint (depending on the surface/ground conditions and leak).
- G. Whenever the leaks are repaired prior to our departure, USA will re-survey that section of the system to be sure no extremely quiet leaks were missed due to an over-powering noisy leak sound or other variable.

## PROPOSAL

- H. It is important to note that not all leaks create noise levels that can be detected using even the most sophisticated leak detection instrumentation. USA will perform all work at the highest level of professional workmanship in its industry; however, we cannot guarantee the detection of any leak.
- I. We will request that each system provide a helper whenever possible and if one is not available, they will offer a point of contact for questions or assistance, particularly during the pinpointing phase.

### Task 4. Reporting Phase

**Overview:** All data collected during the Surveying Phase and Pinpointing Phase will be compiled into individual reports for the client. These reports shall include individual Leak Reports, whenever leaks are pinpointed and a Final Report at the end of each project.

- A. USA will provide a detailed Leak Report whenever leaks are pinpointed so that the client for each system may begin to prioritize for repairs. Each detailed Leak Report will contain:
  1. Leak Number, type and classification for repair priority.
  2. Estimated Leak rate and correlation data (if applicable).
  3. Detailed Diagram showing leak location as well as a physical address. We will also include photographs of the leak area whenever possible and GPS coordinates if requested.
  4. Approximate time spent pinpointing, cover type, if the leak was marked and notes regarding the nature of the leak and recommendations for repair.

USA will furnish the Final Report within 3 weeks (or sooner) from the end of the fieldwork portion of each project. You will be provided with one printed, bound copy and one pdf copy. The Final Report includes:

1. Executive Summary showing individually recorded time for correlating, surveying and other time spent on the project. This summary also includes footage covered, approximated gallons per minute (GPD) loss, types of leaks found, quantity of leaks found and remarks recommending improvements



## PROPOSAL

that may be made to the distribution system and ways for approaching future leak detection projects.

2. Survey and Pinpointing Review explaining the procedures and methods used during this study.
3. Leak Reports each with a detailed drawing showing the leak location, the type of leak pinpointed, the leak classification, approximate time spent pinpointing, an estimate of the GPM lost, the cover type and whether or not the leak location was marked. In addition, whenever possible we will add the correlation justification and related correlation graphs if the leak was pinpointed using a correlator (the field drawing of the same Leak Report shall be supplied daily to the system representative whenever leaks are pinpointed).
4. Recommendations for future leak surveys of each system.

If required, USA can modify or design any form to fit the client's requirements.

### 1. Leak Estimating

Certain equipment variables are also considered when estimating GPM (type of pipe, size of pipe, system pressure, history of leakage, etc.). Variable factors beyond our control may alter this estimate at any time. Once the leak is exposed for repair, the system maintenance crew may wish to revise the estimated GPM loss in order to establish a more accurate estimate of actual water loss for reporting purposes.

### 2. Leak Classification

Each leak will be classified according to size in gallons per minute (GPM) and hazard in order to aid the City in scheduling repairs. Leak Classifications are as follows:

- Class I. Any leak which is hazardous in terms of potential undermining, possibly resulting in surface collapse, encroachment and/or damage to nearby utilities, commercial or private properties or leaks severe enough to warrant immediate repair.

## PROPOSAL

Class II. All leaks that display water losses significant enough to be monitored on a regular repair schedule.

Class III. Relatively small leaks that should be repaired as workload permits.

### SAFETY

USA is committed to the highest standards of ethical and safe work practices. We consider the safety of our employees and customers to be of primary importance. We have set forth specific safety policies and procedures which meet with state and federal regulations. Our field personnel have completed OSHA certified training programs. Copies of certificates will be provided upon request.

Our company health and safety program includes topics ranging from roles and responsibilities to critical work procedures. Job hazard analysis for each job USA performs has been documented. Our vehicles are equipped with caution lights and traffic cones. All federal, state and city traffic safety regulations shall be observed, specifically those detailed in the MUTCD (Manual of Uniform Traffic Control Device).

### STAFFING

As outlined in the Qualifications section, USA employs the most experienced team in the industry. Our expertise in scheduling multiple projects at one time across the country allows us to quickly mobilize to any location in the United States in a relatively short amount of time. In fact, we are often called out to locate "emergency" leaks and rarely have any trouble moving our significant work load to free up one of our Water Loss Consultants for quick mobilization to the client experiencing the emergency.

Since all of our management and sales team have extensive field experience, we also keep several suites of equipment at our various satellite offices so that it can be quickly shipped to any location and often times, our senior management or sales team will fly in and perform the work.

# PROPOSAL

## EQUIPMENT

USA utilizes state of the art leak detection equipment. A comprehensive leak survey requires the use of many different technologies. No two water systems are alike. The professional use of various technologies has made USA the leader in developing efficient procedures and methods designed to meet each utility's individual needs.

**Note:** The current generation of leak detection equipment (newer than 2009) does not require annual calibration. Since this equipment is mostly sealed, regular calibration is only recommended by the manufacturer when repairs are required. Trained, experienced professionals operate our equipment. The list below will be available for use during Task 2 – Leak Detection Surveying and Task 3 – Leak Pinpointing water systems.

A **leak noise surveyor** allows the operator to listen for leak noise by placing an acoustic sensor in contact with any access point (valve, hydrant, etc.) in the distribution system. Sound from the pipeline is transmitted through aviator-quality headphones to allow the operator to determine if leak type noise is present. We use the follow models of leak noise surveyor:

- **FCS S-30 Leak Surveyor**
- **Subsurface LD-15**

A **leak noise correlator** is an electronic device used for Leak Detection to pinpoint leaks in pressurized water lines. Typically correlation systems use acoustic sensors that placed in contact with the pipe, at two or more points, to detect the sound emitted by a leak. The sound data is processed through a mathematical algorithm which determines the difference in the time it takes noise to travel from each of the sensors. These are complex and sophisticated pieces of equipment that should be used only by experienced highly trained technicians. We use the follow models of correlation devices:

- **FCS TriCorr Touch Leak Locator**
- **SubSurface Leak Detection LC-2500**

A **ground microphone** is a device used for validating correlation results or for as a survey tool in areas where there are few or no access points. We use the follow models of ground microphones:

- **SubSurface LD-12**



## PROPOSAL

- **Geophones**

A **line (metal) locator** is used when system maps are incomplete to assist the leak detection technician in following the path of a line for surveying as well as pinpointing. We use the follow models of line (metal) locators:

- **Goldak Model 5600 Line Locator**
- **Schonstedt model GA-52 Metal Locator**
- **Subsurface Instruments PL2000**

In addition we use other pieces of equipment which are vital in providing our clients with a complete and successful survey of their system.

### 1) **FCS Leak Noise Loggers**

These is units can be attached to a valve or service line. We use these units to pinpoint quieter leak noises in high traffic or heavy ambient noise areas. These units take readings at night when ambient noise and customer usage is typically at its lowest.

### 2) **Mark Helium Detector**

This unit is used for pinpointing water leaks that do not create enough sound for acoustical type systems to be used.

### 3) **Fisher XLG-80 Ultrasonic Leak Detection Unit**

This unit is used when normal listening devices cannot pick up sound. This is accomplished by adding air to the water line. It is mainly used for leakage in walls, etc.

### 4) **Sensor Mounting Kits**

These kits are a series of detachable aluminum or steel probe rods used for contacting deep appurtenances or appurtenances full of dirt.

### 5) **Mobile Leak Detection Vans**

Our vans are fully equipped late model vehicles designed to carry safety equipment, working desk, file cabinets and storage for all the above mentioned equipment. These units carry fully equipped tool sets, hydrant wrenches, pry bars, etc. for all situations. Each van is equipped with backup survey tools as well as spare transducers and/or transducer cables



## PROPOSAL

in various lengths. This reduces or eliminates down time due to equipment failure. Our vehicles are also outfitted with OSHA approved safety gear.

We will select the appropriate equipment to provide the most comprehensive leak detection survey available.

End of Document

## Village of Allouez Water Utility 2019 Leak Detection Survey Proposal

The following proposal is submitted to: Village of Allouez Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Allouez to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Allouez's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Village of Allouez's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey:

\$ 12,179.00

Ferguson Waterworks

Name of Firm

5350 N Richmond St. Appleton, WI 54913

Address of Firm

(920) 740-2341

Telephone Number

(920) 731-2305

Fax Number

steven.neumann@ferguson.com

Email Address

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Ferguson Waterworks and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Steve Neumann

Signature of Bidder

3.20.19

Date

Steve Neumann

Print or Type Name of Bidder

Installation Tech (supervisor)

Title

Estimated Start Date: May 2019 - August 2019

Estimated Work Days to Complete: 30 Days

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)

# DAVIES WATER

A division of



Any contracts will be reviewed and approved by Ferguson

## Leak Detection Survey Proposal

### Village of Allouez, WI 2019

#### A. Introduction

This Proposal describes the services that will be provided to conduct a Leak Detection Survey of approximately 100% of the City water mains using hydrants valves and services.

#### B. Scope

Services to be provided for the project are as follows:

1. Conduct a leak detection and location survey with sonic detection and computer correlation equipment on the entire water distribution system. The survey will be conducted utilizing the following two methods:
  - In Iron Areas**  
physical contact will be made with the system at all fire hydrants and valves. As leaks are found the city will be made aware of them.
  - In Plastic and AC areas**  
physical contact will be made with valves hydrants and services.
2. After the initial sonic leak survey of a portion of the system is completed, indications of leaks will be verified a second time, after which leaks will be located with a computer programmed leak correlator.
3. This survey will be conducted primarily during normal working hours with additional leak detection being conducted during late evening and/or early morning hours in areas of high traffic volume.

Leak Survey – Allouez, WI  
Davies Services  
Page 2

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)



4. A daily report of any leaks will be provided. Hydrant leaks will need to be fixed in a timely manner so areas may be rechecked for underlying leaks.
5. Prepare a final report with the results of our findings. The final report will contain recommendations for future work based on the results of this survey.
6. Re-check leak areas after repairs are made.

#### C. Schedule

|                      |                           |
|----------------------|---------------------------|
| Field Investigations | 10-15 days                |
| Final Report         | 1-2 weeks after fieldwork |

#### D. Client's Responsibilities

Client, at its expense, shall provide Davies Services the following information and assistance in a timely manner so as not to delay the project.

1. All available street maps, water distribution system maps.
2. One (1) experienced person with a good working knowledge of the water distribution system to assist on a **part-time** basis in field activities such as location of system components. We will call if needed.
3. Clearly mark and provide access to valves and curb stops by uncovering and cleaning valves and curb boxes where required prior to initiation of field activities as needed.

Best regards,  
John Paalman  
Division Manager



3/25/2019

**Experience:**

**John Paalman**      20 years in water leak detection - Plastic and iron  
**Steve Neumann**    16 years in water leak detection - Plastic and iron

**CUSTOMER REFERENCES:**

|                 |                         |                |
|-----------------|-------------------------|----------------|
| Bill Caberly    | Nekoosa Water           | (715) 572-3614 |
| Vance Henning   | Brandon Water Utilities | (920) 960-9727 |
| Todd Prahl      | Grand Chute Water       | (920) 419-2531 |
| Mark Nollenburg | Waupaca Water           | (715) 258-4423 |
| Jim Jacobs      | Ripon                   | (920) 748-4924 |
| Chuck Johnson   | Coloma Water            | (715) 459-5823 |
| Eric Zygarlicke | De Pere                 | (920) 574-1443 |

More references available upon request.

Sincerely,

John Paalman  
Davies Services

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)

## City of De Pere Water Utility

### 2019 Leak Detection Survey Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey: \$ 22,800.00

Ferguson Waterworks  
Name of Firm

5350 N Richmond St. Appleton, WI 54913  
Address of Firm

(920) 740-2341  
Telephone Number

(920) 731-2305  
Fax Number

Steven.neumann@ferguson.com  
Email Address

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Ferguson Waterworks and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Steve Neumann  
Signature of Bidder

3-18-19  
Date

Steve Neumann  
Print or Type Name of Bidder

Installation Tech (Supervisor)  
Title

Estimated Start Date: May 2019- August 2019

Estimated Work Days to Complete: 2 Months

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)



# DAVIES WATER

A division of



3/25/2019

## Experience:

**John Paalman**

**20 years in water leak detection - Plastic and iron**

**Steve Neumann**

**16 years in water leak detection - Plastic and iron**

## CUSTOMER REFERENCES:

|                 |                         |                |
|-----------------|-------------------------|----------------|
| Bill Caberly    | Nekoosa Water           | (715) 572-3614 |
| Vance Henning   | Brandon Water Utilities | (920) 960-9727 |
| Todd Pahl       | Grand Chute Water       | (920) 419-2531 |
| Mark Nollenburg | Waupaca Water           | (715) 258-4423 |
| Jim Jacobs      | Ripon                   | (920) 748-4924 |
| Chuck Johnson   | Coloma Water            | (715) 459-5823 |
| Eric Zygarlicke | De Pere                 | (920) 574-1443 |

More references available upon request.

Sincerely,

John Paalman  
Davies Services

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)

# DAVIES WATER

A division of



Any contracts will be reviewed and approved by Ferguson

## Leak Detection Survey Proposal

DEPERE, WI 2019

### A. Introduction

This Proposal describes the services that will be provided to conduct a Leak Detection Survey of approximately 100% of the City water mains using hydrants valves and services.

### B. Scope

Services to be provided for the project are as follows:

1. Conduct a leak detection and location survey with sonic detection and computer correlation equipment on the entire water distribution system. The survey will be conducted utilizing the following two methods:

**For 100% of water mains physical contact** will be made with the system at all fire hydrants valves and services. As leaks are found the city will be made aware of them.

2. After the initial sonic leak survey of a portion of the system is completed, indications of leaks will be verified a second time, after which leaks will be located with a computer programmed leak correlator.
3. This survey will be conducted primarily during normal working hours with additional leak detection being conducted during late evening and/or early morning hours in areas of high traffic volume.

Leak Survey – De Pere, WI  
Davies Services  
Page 2

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)

4. A daily report of any leaks will be provided. Hydrant leaks will need to be fixed in a timely manner so areas may be rechecked for underlying leaks.
5. Prepare a final report with the results of our findings. The final report will contain recommendations for future work based on the results of this survey.
6. Re-check leak areas after repairs are made.

#### C. Schedule

|                      |                           |
|----------------------|---------------------------|
| Field Investigations | 25-30 days                |
| Final Report         | 1-2 weeks after fieldwork |

#### D. Client's Responsibilities

Client, at its expense, shall provide Davies Services the following information and assistance in a timely manner so as not to delay the project.

1. All available street maps, water distribution system maps.
2. One (1) experienced person with a good working knowledge of the water distribution system to assist on a **part-time** basis in field activities such as location of system components. We will call if needed.
3. Clearly mark and provide access to valves and curb stops by uncovering and cleaning valves and curb boxes where required prior to initiation of field activities as needed.

Best regards,  
John Paalman  
Division Manager

## Manitowoc Public Utility

### 2019 Leak Detection Survey Proposal

The following proposal is submitted to: Manitowoc Public Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Manitowoc Public Utility to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Manitowoc Public Utility's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Manitowoc Public Utility's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey:

\$ 43,827.00

Ferguson Waterworks

Name of Firm

5350 N Richmond St. Appleton, WI 54913

Address of Firm

(920) 740-2341

Telephone Number

(920) 731-2305

Fax Number

Steven.neumann@ferguson.com

Email Address

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)



The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: Ferguson Waterworks and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Steve Neumann  
Signature of Bidder

3-20-19  
Date

Steve Neumann  
Print or Type Name of Bidder

Installation Tech (supervisor)  
Title

Estimated Start Date: May 2019 - August 2019

Estimated Work Days to Complete: 2 Months

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)

4. A daily report of any leaks will be provided. Hydrant leaks will need to be fixed in a timely manner so areas may be rechecked for underlying leaks.
5. Prepare a final report with the results of our findings. The final report will contain recommendations for future work based on the results of this survey.
6. Re-check leak areas after repairs are made.

### C. Schedule

|                      |                           |
|----------------------|---------------------------|
| Field Investigations | 35-45 days                |
| Final Report         | 1-2 weeks after fieldwork |

### D. Client's Responsibilities

Client, at its expense, shall provide Davies Services the following information and assistance in a timely manner so as not to delay the project.

1. All available street maps, water distribution system maps.
2. One (1) experienced person with a good working knowledge of the water distribution system to assist on a **part-time** basis in field activities such as location of system components. We will call if needed.
3. Clearly mark and provide access to valves and curb stops by uncovering and cleaning valves and curb boxes where required prior to initiation of field activities as needed.

Best regards,  
John Paalman  
Division Manager

# DAVIES WATER

A division of



Any contracts will be reviewed and approved by Ferguson

## Leak Detection Survey Proposal

### City of Manitowoc, WI 2019

#### A. Introduction

This Proposal describes the services that will be provided to conduct a Leak Detection Survey of approximately 100% of the City water mains using hydrants valves and services.

#### B. Scope

Services to be provided for the project are as follows:

1. Conduct a leak detection and location survey with sonic detection and computer correlation equipment on the entire water distribution system. The survey will be conducted utilizing the following two methods:  
     physical contact will be made with the system at all fire hydrants and valves. As leaks are found the city will be made aware of them.
2. After the initial sonic leak survey of a portion of the system is completed, indications of leaks will be verified a second time, after which leaks will be located with a computer programmed leak correlator.
3. This survey will be conducted primarily during normal working hours with additional leak detection being conducted during late evening and/or early morning hours in areas of high traffic volume.

Leak Survey – Manitowoc, WI  
 Davies Services  
 Page 2

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)

# DAVIES WATER

A division of



3/25/2019

## Experience:

**John Paalman**

**20 years in water leak detection - Plastic and iron**

**Steve Neumann**

**16 years in water leak detection - Plastic and iron**

## CUSTOMER REFERENCES:

|                 |                         |                |
|-----------------|-------------------------|----------------|
| Bill Caberly    | Nekoosa Water           | (715) 572-3614 |
| Vance Henning   | Brandon Water Utilities | (920) 960-9727 |
| Todd Pahl       | Grand Chute Water       | (920) 419-2531 |
| Mark Nollenburg | Waupaca Water           | (715) 258-4423 |
| Jim Jacobs      | Ripon                   | (920) 748-4924 |
| Chuck Johnson   | Coloma Water            | (715) 459-5823 |
| Eric Zygarlicke | De Pere                 | (920) 574-1443 |

More references available upon request.

Sincerely,

John Paalman  
Davies Services

Attachment: Ferguson Waterworks Services (8075 : Consider Leak Detection Survey)



YOUR TEAM FOR SECURE + RELIABLE  
**Water System Solutions**



Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)

PROPOSAL TO PROVIDE

## **Water Distribution System Leak Detection Surveys**

Village of Allouez, City of De Pere, and Manitowoc Public Utilities

March 29, 2019

*M.E.* **S**IMPSON  
 Co., Inc.



March 5, 2019

Scott J. Thoresen P.E.,  
 Director of Public Works  
 City of De Pere  
 925 South Sixth Street  
 De Pere, WI 54115

Re: Leak Detection Survey Programs for De Pere, Allouez and Manitowoc Public Utilities

Dear Mr. Thoresen,

M.E. Simpson Co., Inc. is pleased to present the Village of Allouez, City of De Pere, and Manitowoc Public Utilities (MPU), our proposals for the Water Distribution System Leak Detection and Location Survey Program. We are honored to be considered for this work and are confident our team will help make the project a success.

M.E. Simpson Co., Inc. is a Professional Services Firm dedicated to developing and providing programs and services designed to maximize peak performance for our clients' water distribution systems. Many of these programs are universally recognized as a part of "Best Management Practices" (BMPs) for utilities. We pride ourselves on delivering solid solutions using the highest quality technical and professional services by way of state-of-the-art technology and a skilled and well-trained staff of professionals. Our highly educated engineers and technical team are committed to the success of this project. They will be ready at a moment's notice to relieve your staff's burden and ensure a seamless continuation of your services.

Our services were developed and refined to provide utilities with programs that can be customized to meet their needs. From complete "Turn-Key" services to assisting with the development of "in-house" programs for utilities, M.E. Simpson Co., Inc. serves our clients with this ultimate goal: to deliver to the public the implicit faith that **"the water is always safe to drink"**.

Thank you for your consideration and this opportunity to acquaint you with our Leak Detection Services and offer this response. We are committed to exceeding your expectations.

Sincerely,

John H. Van Arsdel  
 Vice President

John H. Van Arsdel  
 Vice President

3406 Enterprise Avenue  
 Valparaiso, IN 46383

800.255.1521 P  
 888.531.2444 F

john@mesimpson.com

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)

## Village of Allouez Water Utility

### 2019 Leak Detection Survey Proposal

The following proposal is submitted to: Village of Allouez Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Village of Allouez to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Village of Allouez's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Village of Allouez's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey:

**\$ 31,850.00**

M.E. Simpson Co., Inc.

Name of Firm

3406 Enterprise Ave., Valparaiso, IN 46383

Address of Firm

800.255.1521

Telephone Number

888.531.2444

Fax Number

john@mesimpson.com

Email Address

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)



The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: M.E. Simpson Co., Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

John H. Van Arsdel  
Signature of Bidder

3.29.19  
Date

John H. Van Arsdel,  
Print or Type Name of Bidder

Vice President  
Title

Estimated Start Date: Within 3 weeks after Notice To Proceed or as agreed upon.

Estimated Work Days to Complete: 14 days

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)



## City of De Pere Water Utility 2019 Leak Detection Survey Proposal

The following proposal is submitted to: City of De Pere Water Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the City of De Pere to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the City of De Pere's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the City of De Pere's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey:

\$ 49,000.00

M.E. Simpson Co., Inc.  
Name of Firm

3406 Enterprise Ave., Valparaiso, IN 46383  
Address of Firm

800.255.1521  
Telephone Number

888.531.2444  
Fax Number

john@mesimpson.com  
Email Address

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: M.E. Simpson Co., Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

John H. Van Arsdel  
Signature of Bidder

3.29.19  
Date

John H. Van Arsdel  
Print or Type Name of Bidder

Vice President  
Title

Estimated Start Date: Within 3 weeks after Notice To Proceed or as agreed upon.

Estimated Work Days to Complete: 21-23

## Manitowoc Public Utility

### 2019 Leak Detection Survey Proposal

The following proposal is submitted to: Manitowoc Public Utility, in accordance with the written proposal to furnish all labor, materials, tools, equipment and incidentals necessary to perform a water distribution leak detection survey

The undersigned FIRM agrees, if this proposal is accepted, to enter into an agreement with the Manitowoc Public Utility to perform and furnish all work as specified in this proposal. The undersigned firm will meet and adhere to the Manitowoc Public Utility's requirements as indicated in the proposal.

Based on the details provided in this proposal, the undersigned firm agrees they are able to meet the Manitowoc Public Utility's requirements and that the prices for the leak detection survey to meet said requirements are as follows:

Lump Sum Price for Leak Detection Survey:

**\$ 64,925.00**

M.E. Simpson Co., Inc.

Name of Firm

3406 Enterprise Ave., Valparaiso, IN 46383

Address of Firm

800.255.1521

Telephone Number

888.531.2444

Fax Number

john@mesimpson.com

Email Address

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)

The undersigned bidder, being duly sworn, does depose and say that he is an authorized

representative of: M.E. Simpson Co., Inc. and that the said bidder has examined and carefully prepared his bid from the Proposal Requirements, and has checked the same in detail before submitting said proposal or bid; and that said bidder or his agents, officer, or employees have not, either directly or indirectly, entered into any agreement, participated in an collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this proposal or bid.

Signature of Bidder John H. Van Arsdel Date 3.29.19

John H. Van Arsdel Vice President  
Print or Type Name of Bidder Title

Estimated Start Date: Within 3 weeks after Notice To Proceed or as agreed upon.

Estimated Work Days to Complete: 27-30



## SCOPE OF WORK

The Field Scope of Service for the Leak Survey is understood to be the following:

M.E. Simpson Co., Inc. will furnish all labor, material, transportation, tools, and equipment necessary to survey the water distribution system areas selected by the Utility. M.E. Simpson Co., Inc. shall be required to provide such skilled and trained personnel and equipment necessary to complete the work herein specified. **There will be a minimum of Two Persons per team working on the survey at all times.**



Leak Detection has come a long way since the early 1900's.

- ◆ Work in an orderly and **safe** manner to insure protection of the local residents, Utility employees, and the Field Staff so that no **avoidable** accidents occur.
- ◆ All Field Staff will have readily observable identification badges worn while in the field.
- ◆ The leak detection equipment to be used will be that which was described in the "Equipment to be used" section.
- ◆ Initially listen to **all fire hydrants, all fire hydrant auxiliary valves, all main line valves**, and when necessary, selected service connections in the entire distribution system with the **FCS S30** electronic listening device or the **Gutermann AquaScope 3** electronic listening device by making physical contact with the valve, hydrant, pipe, or B-box. (Listening points that are not accessible will be given to the Utility and when corrected they will be listened to.) This will be done on the Utility's distribution system.
- ◆ Listening distances on metallic pipe, as well as AC or concrete type pipe, will not exceed 500' between points. For PVC/HDPE pipe, listening distances will not exceed 150' between points. I.E.: valves, hydrants auxiliary valves, hydrants, service valves or meter settings will be used with preference of listening points in order as follows; direct contact with the pipe, main line valves, hydrant auxiliary valves, hydrants, then service valves or meter settings.
- ◆ **All accessible points** along PVC/HDPE water mains will be physically listened to including services, main line valves, and hydrants.
- ◆ Valve vaults full of water may be pumped out to facilitate listening. Sometimes full vaults can mask leak noise.

- ◆ A “suspected leak” log shall be maintained indicating all areas where suspected leak noise was heard. This log will be reviewed when the Project Team is verifying the suspected leak area for confirmation of the actual existence of a leak. This log will be a part of the periodic reports turned into the Utility regardless of an actual leak located in the area or not, with an explanation of the noise source.
- ◆ When leak noise has been detected and or suspected, the Project Team will verify the suspected area a second time to confirm the noise. At least four hours will pass between the initial listening of the area before a second listen and confirmation is attempted.
- ◆ The Project Team will line locate the water main and service lines in the immediate area so the correct pipe distances can be input into the leak correlator and also so that the Water Utility will have an idea of where the water main is located prior to excavation. Non-metallic pipe locations will be “interpolated” as best that can be identified, given the line location of metallic services, Utility knowledge of the area, or other information regarding the actual location of the main.
- ◆ The Project Team will use the following Electronic Leak Correlators (either a FCS Tri-Corr Touch; Vivax Metrotech HL6000X; Echologics LeakFinderST w/hydrophones leak correlator), to determine if a leak is present and use the same equipment to pinpoint the leak.
- ◆ For PVC/HDPE water mains only the Echologics LeakFinderST w/hydrophones leak correlator, will be used for correlations because of the ability for these correlators to be able to analyze the particular sound frequencies inherent to PVC/HDPE pipe.
- ◆ The leak location will be marked in the field (on the surface) using environmentally formulated Precautionary Blue paint.
- ◆ The Project Team will document all leak locations with a diagram indicating the location of the leak. Other information related to that correlation will be included as part of the field sheet such as the filters used for the correlation, line locations, distances between sensors, etc.
- ◆ The field sheets will be copied, and turned into the assigned Water Department Manager daily or an agreed time period so the leak can be dug and repaired immediately. They will be classified as to the potential severity of water loss, as well as potential danger to the general public.
- ◆ The locations of leaks requiring immediate attention (immediate threat to life, injury or traffic) will be turned in as quickly as possible to facilitate the repair process.
- ◆ **“Ground miking” should not be used as the primary determination for leak locations.**  
Grounding miking will be done per Utility request, or when it has been deemed to be the most efficient means to listen to the water main running under ground. Large diameter mains (24” – 102”) may need this additional evaluation but it is severely limited. This method may be used to assist in confirmation of a leak location. However, “ground miking” is solely dependent on conditions beyond the direct observations of the leak technician such as soil conditions and composition, water table, depth of pipe bury, assumed location of the water main (such as concrete pressure pipe) and compaction of pavement material causing leak sounds to scatter and echo or simply be absorbed.



- ◆ The Project Team will report daily or per request of the Utility, to the assigned Utility Manager and go over the progress of the previous day, as well as cover what will be surveyed the current day.
- ◆ It may be necessary to conduct parts of the Leak Survey during “off hours” such as at night. This may be required in areas of high traffic volume where traffic noise may affect the ability to detect leak noise, and traffic volume may affect the ability of the Project Team to be able to safely access main line valves in the middle of the street. The Project Team will give 24-hour advanced notice of intent to survey a particular area that may require after hours surveying or nighttime surveying. This is so the Utility can plan for the area to be surveyed, give notification to the Police department, as well as other Public Works Divisions as to the activity that will take place.
- ◆ A progression map shall be maintained for each section under survey indicating leak locations on the map. This will be especially helpful in quickly determining leak locations that correspond to the field leak diagrams turned into the Utility.
- ◆ As a part of the leak program, mapping discrepancies found on the current water atlas will be noted and included as a part of the final report so the Utility can make needed corrections. This will be included as a part of the periodic reporting to the Utility, thus enabling the Utility to keep up with mapping corrections.
- ◆ Distribution assets found to be in disrepair such as issues with hydrants, valves, and service lines, will be noted and turned into the Utility.
- ◆ Leaks verified on the customer’s side of a service shut-off will not be located beyond the shut-off. If a leak appears to be on the Customers’ side, the Utility will be notified first, then the customer notified and permission granted prior to the water being shut off even for short periods of time where possible and as time allows, as well as the ability for the customer to respond.
- ◆ If the Utility requests leak locations beyond the service shut off on the customer’s side of the service line, this will result in an additional charge to the leak survey based on an hourly rate and this service must be agreed upon between the Utility and M.E. Simpson Co., Inc. prior to the start of the survey.
- ◆ Valves and hydrants will not be operated without Utility permission. Valves and hydrants that break during this type of operation are the sole responsibility of the Utility. M.E. Simpson Co., Inc. cannot be responsible for valves and hydrants that break due to pre-existing conditions.
- ◆ The Utility is encouraged to dig up and repair the leaks located as soon as possible so that the area may be re-surveyed while the Project Team is still working on the survey in that general geographical location to ensure no other leaks are present in that area.

### Quality Control and Accuracy of Leak Locations

The level of accuracy of leak detection is a matter of taking in all the above considerations and applying those considerations to each individual potential leak location as it is being evaluated. Any statement

made as to the level of accuracy of leak locations must be considered based on the individual conditions of each leak.



Leak surfacing at intersection



Hidden leak running into drain tile

Locating leaks on a distribution system can be very challenging. It is not a perfect science. Pipes and fittings can leak for a variety of reasons (age, poor installation, material failures, bad soils, etc.), and the ability to locate leaks is dependent on the stated variables listed in the "Project Approach". By employing a strict methodology in the field for conducting a leak survey, these variables can be accounted for and mitigated. The depth of experience of the Project Team is extremely important to maintaining the ability to have accurate locations of leaks. Additionally, crews work as Two-Person Teams in the field, double checking the progress of the work as the survey progresses. The systematic procedure for leak confirmation has been stated in the Scope of Field Service and is restated here.

"Suspected leak areas are always listened to a second time, preferably at a different time of day than originally listened to. The mains and services will be line located to insure correct pipe distances are used for the correlations. Correlations may need to be performed several times with several configurations to insure all the possible scenarios have been covered. Sewer manholes may need to be opened and flows observed. If there is any doubt as to the existence of a leak, the area may be checked and correlated at different times to rule out water usage or other factors. The progress of the survey will be monitored by the use of daily logs and a progression map with suspected leak noise indications marked and possible leak locations will be maintained. Field leak location forms will be turned into the Utility according to the agreed schedule. The Project Team will follow up on leak locations by monitoring the repair schedule of the Utility. That way in case a potential leak location is wrong, the Project Team can return to the site and determine why the leak location was incorrect, and correct it. This means maintaining a good level of communication between the Project Team in the field, and the Utility. **As a matter of Quality Control for leaks in the field, the Echologics LeakFinderST has the distinct ability to be able to detect and pinpoint more than one leak in the same relative area, thus allowing better leak coverage and insuring that one leak is not "masking" another leak in the same area.** The use of progress reports and meetings will allow for open discussions of problems encountered so solutions can be examined."



## Utility Observations

The M.E. Simpson Co., Inc. Project Team will welcome having staff of the Utility observe field procedures while the Leak Survey is in progress. They will be happy to explain and demonstrate the equipment and techniques that are employed by M.E. Simpson Co., Inc. for detecting and locating leaks on the Water System. This may be useful for the staff of the Utility in understanding the parameters of Leak Detection, especially during an emergency such as a main break on a critical line where a major disruption of service could occur.

## Final Reports, Documentations & Communications

*M.E. Simpson Co, Inc. will perform the following:*

- ◆ Project Team will **meet daily** with assigned Utility personnel to go over areas of survey for prior workday and plan current day and area to survey.
- ◆ The field technicians will be readily available by cellular phone. This will facilitate communications between the Utility and the field technicians. A **24-hour toll-free 800 number** is available for direct contact with M.E. Simpson Co., Inc. for emergencies.
- ◆ **Diagram all leak locations**, date of location, and classify according to severity and an estimate of loss. These will be turned in daily to appointed Utility Personnel.
- ◆ **The Project Manager will** meet with the Utility regularly for a progress report.
- ◆ **Prepare a progress report** at weekly or monthly intervals for the Utility if requested.
- ◆ **Maintain a progression map to be included with the progress reports and final report** of the project indicating leak locations with symbols indicating type and severity corresponding to the individual leak diagrams.
- ◆ Develop a **Leak Survey log** of activity which will also have confirmed leaks listed and this list will be turned in weekly (in an Excel format). The list will also be included with the final report that will include the following;
  1. Mechanical deficiencies discovered
  2. Mapping errors on the water atlas
  3. Type of monitored appurtenances
  4. Location of same for leaks discovered
  5. Total estimated loss
- ◆ **Prepare three (3) copies of the final report** at the completion of the project which will include all leak location reports with drawings, total of estimated water loss, total pipe distance investigated, a description of the area surveyed, and other problems found in the system during the course of the survey that need the attention of the Water Utility.

Effective communication...  
accurate documentation...  
**Insuring the success for  
the leak survey**

The leak summary will list leak types such as main leaks, service line leaks, valve leaks, or hydrant leaks. A cost benefit analysis of the survey based on the “cost to produce” water will also be included that describes the financial impact to the Utility for water loss. Recommendations for system maintenance will be a part of this report based on field observations made during the survey. This final report shall be made available for submission to the Utility within thirty (30) working days of the completion of the fieldwork.

### Assumptions & Services Provided by the Utility

- ◆ The Utility will furnish all maps, atlases, and records necessary to properly conduct the survey. All corrected maps are to be returned to the Utility at the completion of the project.
- ◆ The Utility will assist as necessary to clean out service valves, meter pits and valve-boxes needed for listening.
- ◆ The Utility will provide a Primary Contact Person and/or secondary contact person for the Field Staff to report to on a periodic basis. This person shall act as the official liaison for the duration of the Leak Survey. This person shall have a working knowledge of the water system and will be helpful in attempting to locate particularly hard-to-find water valves for listening and for general information about the water system. This person will not need to assist the Project Team on a full time basis, but only on an “as needed” basis.
- ◆ The Utility will assist, if needed, to help gain entry into sites that may be difficult to get into due to security issues or other concerns.
- ◆ The Utility will assist, if needed, to locate all nonmetallic pipe within the service area. This would include all Concrete Cylinder pipe and Asbestos Cement Pipe.
- ◆ **It is assumed that the local police will provide traffic control when/where needed outside of temporary minor traffic control by the project team to facilitate the leak survey. M.E. Simpson Co., Inc. will coordinate traffic control if/when needed with the police department however the utility would be responsible for any additional cost to the survey.**
- ◆ We will encourage the immediate digging of major leaks (main breaks) so that if there are problems with the leak location, the problems can be corrected while the Project Team is close by and can verify the site.



Leak Located



Leak repaired.

The leak survey work includes monitoring all accessible main line valves, all hydrants, and all services as needed to keep listening distances within the accepted bounds and Scope of the survey.

## PROJECT AREA DESCRIPTIONS

The Village of Allouez, City of De Pere, and Manitowoc Public Utilities (MPU) are requesting a proposal from your firm to perform a comprehensive leak detection survey for the water distribution system in each community. The work under this proposal includes the labor and equipment to undertake the leak detection survey for each community to pinpoint any and all leaks on the water mains, valves, hydrants, service boxes, and services of the distribution system listed for each community under "system description".

### Village of Allouez System Description

| Watermain Material Type | Feet           |
|-------------------------|----------------|
| AC                      | 56,901         |
| Metal                   | 86,398         |
| PVC                     | 195,150        |
| <b>TOTAL=</b>           | <b>338,449</b> |

### City of De Pere System Description

| Watermain Diameter |                | Watermain Material |                 |                |
|--------------------|----------------|--------------------|-----------------|----------------|
| Diameter           | Feet           |                    | Type            | Feet           |
| 4" or less         | 12,519         |                    | Asbestos Cement | 6,248          |
| 6"                 | 156,197        |                    | Cast Iron       | 148,410        |
| 8"                 | 209,512        |                    | Ductile Iron    | 143,556        |
| 10"                | 100,350        |                    | PVC             | 332,532        |
| 12"                | 147,659        |                    | Unknown         | 1,785          |
| 16"                | 6,294          |                    |                 |                |
| <b>TOTAL=</b>      | <b>632,531</b> |                    | <b>TOTAL=</b>   | <b>632,531</b> |



**MPU System Description**

|     |                                              |         |
|-----|----------------------------------------------|---------|
| 2"  | Metal (Cast Iron)                            | 1,393   |
| 4"  | PVC                                          | 7,698   |
| 6"  | Metal (Cast Iron)                            | 387,718 |
| 6"  | PVC                                          | 25,765  |
| 8"  | Metal (Cast Iron)                            | 94,554  |
| 8"  | PVC                                          | 142,304 |
| 8"  | PVC                                          | 1,546   |
| 10" | Metal (Cast Iron)                            | 24,778  |
| 10" | PVC                                          | 74      |
| 12" | Metal (Cast Iron)                            | 108,214 |
| 12" | PVC                                          | 82,315  |
| 12" | PVC                                          | 4,246   |
| 16" | Ductile Iron; Lined (late 1960's to present) | 155     |
| 16" | Ductile Iron; Lined (late 1960's to present) | 3,800   |
| 16" | Metal (Cast Iron)                            | 50,022  |
| 16" | PVC                                          | 5,889   |
| 20" | Ductile Iron; Lined (late 1960's to present) | 1,925   |
| 20" | Metal (Cast Iron)                            | 22,365  |
| 24" | Metal (Cast Iron)                            | 17,530  |
| 24" | Metal (Cast Iron)                            | 2,465   |
|     | TOTAL                                        | 984,756 |

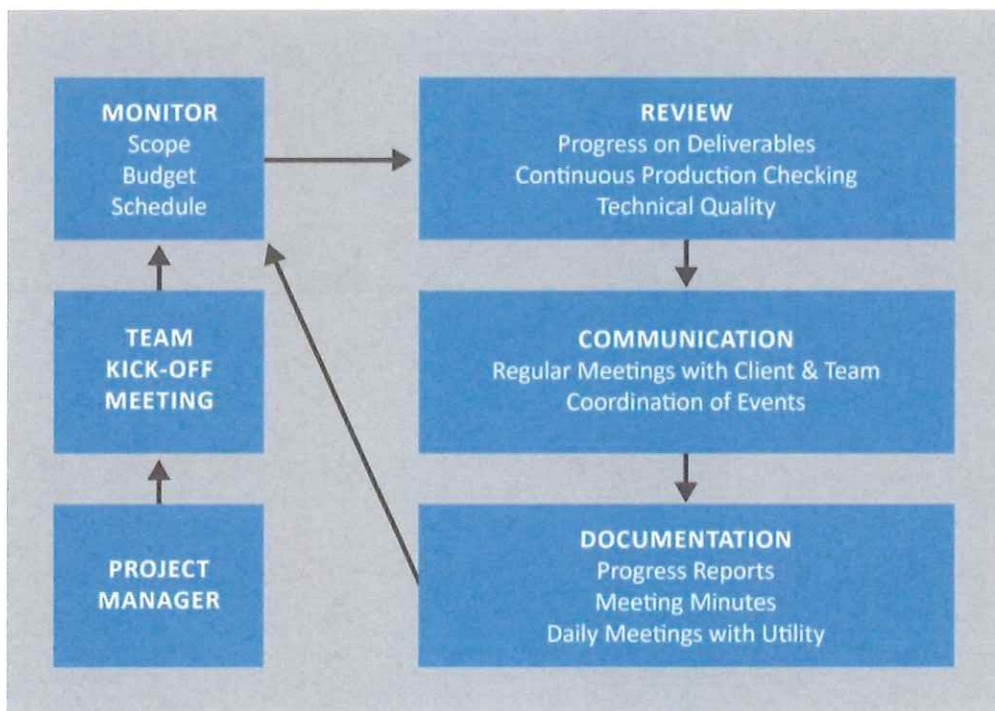


## APPROACH & PROJECT MANAGEMENT

M.E. Simpson Co., Inc.'s project management approach is what leads to our proven track record to complete projects on time and within the budget established. Based on our past experience, we have developed a project approach that will insure the Utility of effective communication throughout this project.

Our project management system establishes - the single project manager – who has the responsibility and authority to act on behalf of M.E. Simpson Co., Inc. This project manager will stay with the project from beginning to the successful completion. The project manager's specific responsibilities include:

- ◆ Coordination of all activities in this project
- ◆ Establishing key decisions and review milestones during this project
- ◆ Preparing an initial project development plan identifying the schedule of work tasks and key personnel to perform the work in the field to meet the milestones and objectives
- ◆ Coordinate communications and meetings with the Utility as needed or required to review technical concepts and alternatives, soliciting staff input and coordinating activities with the project team
- ◆ Prepare periodic reports as needed and meet with the Utility on a regular basis summarizing project scheduling, progress and maintaining the project within the budget stipulated
- ◆ Oversee the execution and development of the project deliverables



Project management remains an important activity during the course of the project and does not stop with the project manager. Each project team deployed into the field is dedicated to providing the best leak survey coverage that can be attained using the state of the art leak detection equipment, tools, field experience and knowledge. Each field team will be made up of two experienced leak detection technicians that also have been cross trained in other disciplines of water loss control such as water meter assessments (residential, commercial, wholesale, and production meters), and water distribution system field maintenance such as distribution flow testing, valve exercising and locational assessments, and Unidirectional water main flushing. It is this combination of experience and knowledge that has helped shape our approach to water loss assessments in distribution systems because the technicians have the capacity to make on the spot decisions regarding any fine tuning of the leak detection program while in the field. They will maintain constant communication with the Utility and the project manager regarding their daily progress as well as any major issues needing immediate attention and discussion.

M.E. Simpson Co., Inc. believes that the selection of our team to perform this survey will provide the Utility with exceptional experience, sound decision making, and a level of service providing the following advantages:

- ◆ A professional leak detection team with a specialized expertise in water loss management
- ◆ An experienced team with the capacity to provide the highest quality work for the Utility
- ◆ A project approach that incorporates interim reporting and continuous input opportunities
- ◆ Innovative proven analysis techniques developed from the completion of several hundred similar projects that sought the same scope and results as this project

### Project Quality Assurance/Quality Control

Quality is of the utmost importance to M.E. Simpson Co., Inc. – not merely because of the Utility's and other client's requirements, but because it is vital to our continued success and viability. Quality management and services bring to all of us the rewards of jobs well done, satisfied Utility staff, and successful projects.

M.E. Simpson Co., Inc.'s QA/QC program is built around several key elements of M.E. Simpson Co., Inc.'s mission and values which consist of:

- ◆ Maintaining a reputation for quality performance
- ◆ Client satisfaction
- ◆ Continuous process improvement
- ◆ Open communication with the field staff and the Utility
- ◆ Team Work

The QA/QC plan for this project is very simple. No work will leave M.E. Simpson Co., Inc. until it has been verified that all the requirements and objectives of the project as well as the requirements of the project QA/QC managers have been met. During the course of the project, the project manager and/or the QA/QC manager will meet with the Utility to ensure that the work product is technically correct, but also meets the needs and expectations of the Utility.



M.E. Simpson Co., Inc.'s professional services are grounded in sound principles that meet the tests of time from past successes of hundreds of water loss projects and will satisfy the quality requirements of the Scope of Service. Each member of the project team will have a thorough understanding of the project objectives. They will apply sound methodology and principles, and are expected to produce quality, accurate and complete documents. The QA/QC procedure has been developed and implemented based on tried and proven methodologies. The prevention of poor quality service is based on four sound principles:

- ◆ Quality management of the project by using experienced personnel committed to excellence.
- ◆ Conformance to requirements by being knowledgeable of all local conditions in the field and keeping abreast of new cutting edge leak detection methods.
- ◆ Prevention of rework and errors by using teamwork in the field, cross checking the procedure every step of the way, and having data entry staff knowledgeable in all aspects of leak detection projects.
- ◆ Quality is built in - not added on. The project management and field staff have shown that a quality service is produced when the project tasks are properly sequenced and carried out to the final termination of the program using the built in system of checks and balances.



The above images were taken of a main break discovered by M.E. Simpson Co., Inc. in Princeton, Indiana in June of 2010. This leak, along with 64 others, was costing the utility upwards of \$128,246.40 a year.

## SCHEDULE OF WORK

**Proposal due:** March 29, 2019.

**Notice To Proceed:** TBD

**Provide Insurance Certificate naming the Utility as additionally insured:** Included with submittal

**Kick Off Meeting and Commencement of work:** Within 21 days of "Notice to Proceed" or TBD as agreed upon between the Utility and M.E. Simpson Co., Inc. Meet with Utility staff to go over project goals and objectives. Field work will begin the same day or agreed upon by the Utility and M.E. Simpson Co., Inc.

**Fieldwork to be completed and documented:** Field work will be started as agreed upon by the Utility and M.E. Simpson Co., Inc. Assume one (2 person crew) for the surveying and timeline.

|                            |                                                   |                  |
|----------------------------|---------------------------------------------------|------------------|
| Village of Allouez         | 64.10 miles of water main (mixed pipe materials)  | 14-16 field days |
| City of De Pere            | 119.80 miles of water main (mixed pipe materials) | 21-23 field days |
| Manitowoc Public Utilities | 186.51 miles of water main (mixed pipe materials) | 27-30 field days |

Work days in the field for surveying will depend on pipe materials to be surveyed and amounts of each. PVC/HDPE pipe generally takes longer (twice as long due to the inherent properties of PVC/HDPE) to survey than cast iron, ductile iron or AC main. See tables above under "Assumptions"

Additional leak assessment work beyond the original approximates will be based on per unit fee and may cause a shift in the completion date.

### **Daily Work Hours**

Normal "on site" daily work hours will be 7:00 AM to 4:30 PM. Any work that needs to be performed outside the normal work hours will be discussed with the Water Superintendent at least 24 hours in advance. **All field work to be completed by September 27, 2019.**

**Daily Reporting:** The Field staff will meet with assigned Utility staff daily or as needed and determined by the assigned Utility Manager. Leaks needing immediate attention will be documented and submitted immediately for the Utility's attention. Minor repairs (such as valve packing leaks, hydrant leaks where the assets function but need attention, etc.) will be reported daily for scheduling of repair. Copies of leak location sheets where leaks need moderate to severe repair will be turned in to assigned Utility Manager daily or as agreed upon by, prioritized by severity.

**Final Reports:** The final summary report will be available 30 days after field work has been completed for the program. This report will have all the leak sheets printed and data compiled during the course of the project.



## FIRM EXPERIENCE

Working together with our clients to create secure water distribution systems is what drives our practice.

### Company Overview

For 39 years, M.E. Simpson Co., Inc. has helped utilities across the U.S. locate and resolve water loss control issues so customers could confidently provide safe, quality water to the community. We use state-of-the-art programs to assist utilities with their meters or water distribution systems condition and performance shortfalls. Simpson's trained professionals work hand-in-hand with utility team members to set up monitoring systems that help them avert future problems.

## M.E. Simpson Co., Inc.

For our clients, we deliver a team of water system experts who not only help bring their existing water systems to peak performance, but also help them build operation and maintenance programs uniquely tailored to their communities' needs. Water solutions that withstand the tests of both growth and time.

### Water system specialists ... by the numbers

#### Water Loss Control Programs

**+60,000** Large water meters serviced  
**100,000** Miles of pipe leak detection serviced

#### Asset Management Services

**+500,000** Valves located + exercised

#### Fire Hydrant Flow Testing Program (water main capacity)

**75,000** Fire hydrants flowed, maintained  
+ water main capacity information developed

These numbers don't show the whole story. Behind them are M.E. Simpson Co., Inc.'s ongoing efforts to educate and grow its clients to become proud partners. Partners who can proactively deal with their municipality's unique water distribution systems, and confidently deliver safe water each and every day.



M.E. Simpson Co., Inc. was formed on the simple fact that water distribution systems cannot fail because they are critical to every community. When things are right, no one knows these systems exists. But when they are wrong, lives and livelihoods are disrupted. Our goal? To make sure yours is right. Always.



## Leading, Innovating, Educating Our Commitment to the Industry

M.E. Simpson Co., Inc.'s team works with clients, community members and peers to educate them through public presentations, training seminars, and providing continuing education credits for water operators through various water groups. Our ongoing programs are the "go-to" seminars at local, state and national AWWA seminars and conferences:

Large Water Meter Evaluation

Testing + Repair

Water Distribution System Leak Surveys

Water Distribution System Valve Location

Exercising + Computerized Documentation

Fire Hydrant Maintenance

Water Main Capacity Training

Unidirectional Flushing

Best Management Practices  
(for distribution system maintenance)

Providing solutions to maximize your  
water distribution + collection systems

Stop water losses  
Avert future problems  
Maximize utility revenue  
Lower distribution system losses  
Secure your utility for years

## Client References

M.E. Simpson Co., Inc. has been in business since 1979. The company continues to perform services for numerous cities across Arizona, California, Georgia, Illinois, Indiana, Maryland, Michigan, Minnesota, Ohio, Texas, Wisconsin and other regions of the United States. We began offering 24-hour On-Call Emergency Leak Detection services in the Chicago Metropolitan Area in 1989. We added these same services to the Central Indiana/Indianapolis Area in 1999.

In 2014 we provided over 1000 emergency leak location call outs in the Chicago Land Area. 420 were responded to in an eight-week period between January 1, 2014 and March 1, 2014. That year approximately 105 different utilities, used our on-call leak detection services. Most of the clients were in the Chicago metro area. Some that are listed as references in the other sections of this response use our On Call Emergency services.

In 2015 we provided over 712 emergency call outs in the Chicago metro area. Approximately 85 metro area utilities, used our on-call services.

### *Siemens Industry, Inc., La Marque, TX (2016)*

M.E. Simpson Co., Inc. worked with Siemens Industry, Inc. and conducted a Leak Survey on approximately 105 miles water main for the City of La Marque, TX as a way for the City to reduce water losses occurring in the distribution system. The completed Leak Survey Program in 2016 resulted in the location of 44 leaks totaling an estimated 178,560 gallons of water per day. Using a retail selling price of \$3.30 per gallon these leaks were estimated to be costing the utility in excess of \$589.25 per day or \$215,075.52 annually. This leak survey paid for itself within 4 months. In addition, each leak location had GPS coordinates taken so that the results of the leak survey could be applied to the City's GIS system.

#### **Mr. Charles Mitchell**

#### **Project Manager, PMP**

Siemens Industry, Inc.  
8600N. Royal Ln, Suite 100  
Irving, Texas 75063  
214.908.2080  
[chuck.mitchel@siemens.com](mailto:chuck.mitchel@siemens.com)

### *Siemens Industry, Inc., Port Arthur, TX (2014)*

M.E. Simpson Co., Inc. worked with Siemens Industry, Inc. and conducted a Leak Survey on approximately 350 miles water main for the City of Port Arthur, TX as a way for the City to reduce water losses occurring in the distribution system. The completed Leak Survey Program in 2014 resulted in the location of 131 leaks totaling an estimated 1,464,192 gallons of water per day. Using a retail selling price of \$4.85 per gallon these leaks were estimated to be costing the utility in excess of \$7,101.33 per



day or \$2,591,985.89 annually. This leak survey paid for itself within 4 months. In addition, each leak location had GPS coordinates taken so that the results of the leak survey could be applied to the City's GIS system.

**Ms. Deval Allums**

Infrastructure and Cities  
Siemens Industry, Inc.  
8850 Fallbrook  
Houston, TX 77064  
8.2.603.7636  
[deval.allums@siemens.com](mailto:deval.allums@siemens.com)

***New Jersey American Water Corporation, (2010, 2011, 2012, 2014, 2015, 2017, Hunterdon, Washington, Irvington, Short Hills, Jersey Shores)***

M.E. Simpson Co., Inc. has conducted Leak Surveys on several American Water distribution water systems in the Hunterdon Warren New Jersey American Water Corporation service areas in 2010 and again in 2011. New Jersey American Water has a very aggressive leak detection program that employs leak sensors installed at water meters at customer meter settings. Despite the leak detection devices at these locations our surveys located almost *250,000 gallons per day* in estimated leakage the first year and just under *100,000 gallons per day* the second year. In addition, the Utility owns leak detection equipment; however, the staff of M.E. Simpson Co., Inc. performs leak detection work daily and has a great understanding of the parameters of leak detection and locating leaks and provided additional leak detection support for this area. In the fall of 2012, the eastern shores of New Jersey were hit by Hurricane Sandy where New Jersey American Water has water distribution systems. Some of those water systems were shut down completely from the effects of the storm. M.E. Simpson Co., Inc. was called in on very short notice to field a Leak Detection team for rapid response to assist in the remediation and recovery efforts for these devastated areas. As the water systems were brought back on line, our field crews were deployed to survey areas and locate leakage where ocean front homes' water services had been damaged from the storm surge.

**Russell G Titus**

**Operations Supervisor**

Maintenance Operations: Water Loss Management  
New Jersey American Water  
Hillsborough, New Jersey 08844  
908-431-3211



*Village of Carpentersville, IL (2011, 2014, 2016, 2018)*

M.E. Simpson Co., Inc. conducted a Leak Survey on approximately 129 miles as a way for the Village to reduce water losses occurring in the distribution system. The most recent completed Leak Survey Program in 2014 in the location of 118 leaks totaling 282,240 gallons of water per day. Using a selling price of \$5.24 per gallon these leaks were estimated to be costing the utility in excess of \$1,478.94 per day or \$539,812.22 annually. This leak survey paid for itself within 2 months.

**Mr. Bob Cole**

**Director of Public Works**

1200 L.W. Besinger Drive  
Carpentersville, Illinois 60110  
(847) 551-3493

*Village of Downers Grove, IL (2011-2018)*

M.E. Simpson Co., Inc. conducted a Leak Survey on approximately 233 miles per year as a way for the Village to reduce water losses occurring in the distribution system. The completed Leak Survey Program in 2014 resulted in the location of 20 leaks totaling 364,320 gallons of water per day. The leaks were estimated to be costing the utility in excess of \$562,491.86 annually using the cost of water sold per 1,000 gallons.

**Mr. David Moody**

**Water Division Manager**

Village of Downers Grove  
5101 Walnut Avenue  
Downers Grove, IL 60515-4074  
630-434-5462

*City of Joliet, Illinois (2008 - 2018)*

M.E. Simpson Co., Inc. has been performing water loss assessments for the City of Joliet since 2008, including leak detection surveys and "on call" emergency leak detection services as a way to reduce water loss in the distribution system. This program for 2018 surveyed approximately 320 miles of water main and located 130 leaks. These leaks were estimated to be costing the utility in excess of \$440.60 per day or \$160,817.00 annually. The survey paid for itself in water loss recovery in 4 months based on the Variable Cost (production cost) of water.

Ms. Allison Swisher

Director of Public Utilities

City of Joliet

921 East Washington Street

Joliet, Illinois 60433

815.724.4230

[aswisher@jolietcity.org](mailto:aswisher@jolietcity.org)

**City of West Bend, Wisconsin (1997, 1999, 2001, 2003, 2005, 2007, 2009, 2011, 2013, 2015, 2017)**

M.E. Simpson Co., Inc. has been conducting a Leak Survey on the **125 mile distribution system** every other year as a way for the West Bend Water Utility to reduce water losses occurring in the distribution system. The Utility owns Leak detection equipment; however, the staff of M.E. Simpson Co., Inc. performs leak detection work daily and has a greater understanding of the parameters of detection and locating leaks. The leak surveys have found numerous leaks on this system since the start of the leak detection program; however, because of the vigilance of the program, these water losses have subsided to a point of regular distribution system preventative maintenance.

**Mr. John Hemaue**  
**Water Utility Superintendent**  
 251 Municipal Drive  
 West Bend, Wisconsin 53095  
 262-335-5040  
[wbwu@ci.west-bend.wi.us](mailto:wbwu@ci.west-bend.wi.us)

Additional client references include:

**Mr. Jim Cates**  
**Water Superintendent**  
**Village of Westmont**  
 39 E. Burlington  
 Village of Westmont, IL  
 60559-1790  
 630.829.4479

**Mr. John Ingram**  
**Director of Public Works**  
**Village of Orland Park**  
 15655 S. Ravinia Ave.  
 Orland Park, IL 60462  
 708.403.6350

**Mr. Mark Brow**  
**Water Supervisor**  
**Village of New Lenox**  
 2401 Ellis Road  
 New Lenox, IL 60451-1580  
 815.215.4800

## SUBLETTING OF CONTRACT

M.E. Simpson Co., Inc. will not be utilizing any subcontractors for this work.

## EXPERIENCE OF KEY PERSONNEL

Our team brings the necessary experience for a project of this magnitude, as well as the personal attributes needed to serve the water utility with distinction.

We offer our clients the highest quality technical and professional services, using state-of-the-art technologies and highly skilled and trained professionals. The M.E. Simpson Co., Inc. team members selected to serve on this survey bring significant experience and a proven track record of delivering timely, cost-effective and sound water distribution and wastewater collection solutions. They share a passionate commitment to client service and attention to detail required for a successful project.

### Project Manager

#### Carlos A. Covarrubias Regional Manager

Carlos Covarrubias has been with the company since November of 2016. Carlos has a Bachelor of Science degree from Purdue University and began his career in the water industry as a salesman for American Flow Control in 2013. During his 3-year career with AFC, Carlos gained extensive knowledge on the history of fire hydrants and various types. He was required to repair and rebuild not only the hydrants he represented, but also many other various brands and types. This has served invaluable for providing professional hydrant services to utilities in need. As an active member in the water industry, Carlos serves as the Vice Chair for the ISAWWA MAC Committee. He is also actively involved with the Young Professionals Committee, various other committee's and organizations of the ISAWWA, and is a member of the Illinois Rural Water Association. Carlos has conducted various educational classes and training sessions for members within the association and in multiple areas throughout the state. His passion is bringing new and innovative ideas to ISAWWA and helping continue to growth and improve the water industry.

#### Professional Certifications:

- ◆ 10-Hour OSHA Certified for General Industry
- ◆ American Red Cross First Aid and CPR with AED Certified
- ◆ American Traffic Safety Services Association Flagging Certified
- ◆ Extensive traffic control training
- ◆ Extensive confined space training

### Assistant Project Manager

#### Bill Thomas

Bill Thomas has been with the Company since August of 2014. He previously worked in the water industry working for a local water utility for 19 years performing water distribution



system operations and maintenance. He also worked in the utility industry locating gas, electrical and cable service lines where he received advance line locating classes. Bill has attended numerous classes and lectures related to leak location and pinpointing and recently completed advanced non-intrusive leak detection training and acoustic wave velocity measurement training which can pinpoint leaks on previously difficult piping of non-metallic and large diameter pipe. Bill has experience in the following: testing and evaluation of water meters; valve location and operation, exercising and mapping; fire hydrant and main capacity flow testing; and the use of state-of-the-art leak detection equipment. He is also experienced in the use of all of our Polcon® Flow Testing equipment.

**Professional Certifications:**

- ◆ 10-Hour OSHA Certified for General Industry
- ◆ American Red Cross First Aid and CPR with AED Certified
- ◆ American Traffic Safety Services Association Flagging Certified
- ◆ Extensive traffic control training
- ◆ Extensive confined space training

## Project Leaders

### Sandison Petretta

#### Water Distribution System Leak Survey

#### Water Distribution System Emergency Leak Detection Call Outs

Sandison Petretta has been with M.E. Simpson Co., Inc. since July of 2000. He previously worked in the commercial painting industry. Sandison has attended numerous classes and lectures related to the operation, maintenance, and installation of water meters, and completed classes in plumbing. Sandison has experience in the following; maintenance and installation of water meters; valve location, exercising and mapping; fire hydrant and main capacity flow testing; and the use of state of the art leak detection equipment. He is also experienced in the use of all of our Polcon® Flow Testing equipment.

**Professional Certifications:**

- ◆ 10-Hour OSHA Certified for General Industry
- ◆ American Red Cross First Aid and CPR with AED Certified
- ◆ American Traffic Safety Services Association Flagging Certified
- ◆ Extensive traffic control training
- ◆ Extensive confined space training



## Adam Zagorac

### Water Distribution System Leak Survey

### Water Distribution System Emergency Leak Detection Call Outs

Adam Zagorac has been with M.E. Simpson Co., Inc. since December of 2007. He has attended numerous classes and lectures related to the operation, maintenance and installation of water meters, and also completed classes in plumbing. Adam has experience in the following: maintenance and installation of water meters; valve location, exercising and mapping; fire hydrant and main capacity flow testing; and the use of state of the art leak detection equipment. He is also experienced in the use of all of our Polcon® Flow Testing equipment.

#### Professional Certifications:

- ◆ 10-Hour OSHA Certified for General Industry
- ◆ American Red Cross First Aid and CPR with AED Certified
- ◆ American Traffic Safety Services Association Flagging Certified
- ◆ Extensive traffic control training
- ◆ Extensive confined space training

## QA/QC

### Aaron M. Horbovetz, PE, PMP

Aaron Horbovetz has been with the Company since September of 1999. He earned his degree in Mechanical Engineering from Purdue University, completed his EIT work and recently passed the PE exam for the state of Indiana. Aaron is a regular presenter at AWWA conferences since 2012, both at section meetings and at the ACE conferences. He has attended numerous classes and lectures related to the operation, maintenance and installation of water meters, and completed classes in plumbing. Aaron has experience in the following: maintenance and installation of water meters; valve location, exercising and mapping, fire hydrant and main capacity flow testing, and the use of state of the art leak detection equipment; and is also very experienced in the use of all of our Polcon® Flow Testing equipment.

#### Professional Certifications:

- ◆ Licensed Professional Engineer, Indiana
- ◆ Certified Project Management Professional (PMP)
  - Member of Project Management's Institute Calumet Chapter
- ◆ 10 Hour OSHA Certified for General Industry
- ◆ American Red Cross First Aid and CPR with AED Certified
- ◆ American Traffic Safety Services Association Flagging Certified
- ◆ Extensive traffic control training
- ◆ Extensive confined space training

## PROJECT SAFETY PLAN

M.E. Simpson Co., Inc.'s Safety Programs cover all aspects of the work performed by M.E. Simpson Co., Inc. We take great pride in our safety plan/policy/program and that is evident in our EMR scores over the last five years. The safety of our employees, the utilities employees and that of the general public is our #1 priority.

Our Safety Plan/Policy/Program, with all of its parts, is 60 pages in length. In an effort to be more efficient and less wasteful we do not print copies of the safety program for RFPs. There is nothing secretive or proprietary contained within our plan/policy/program and we are happy to share its contents. If you would like a PDF copy of our plan/policy/program please contact Todd Schaefer, Operations Manager, at 800.255.1521 and a copy of our program will be sent via email to you.

Below is an overview of our plan/policy/program:



**Safety** is a major part of any project. M.E. Simpson Co., Inc. always provides a safe work environment for its employees. **Our staff is trained in General Industry OSHA rules, Confined Space Entry & Self-Rescue, First Responder First Aid, CPR, and Traffic Control.** While in the field on your project, M.E. Simpson Co., Inc. and its employees will follow all of the necessary safety procedures to protect themselves, your staff and the general public.

### **M.E. Simpson Co., Inc. uses Two-Man Teams for Safety and Quality Assurance.**

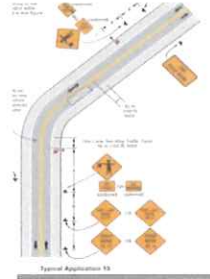
The use of a "one-person" leak detection team is dangerous and impractical where water mains run under roadways. It would be a dangerous precedent to allow a "one-person" team to access main line valves located in the roadway, attempt to listen to the valve with headphones on, and at the same time try to control traffic flow at that person's location in the street.

Therefore M.E. Simpson Co., Inc. adheres to the following:

- ◆ The Project Manager and the Field Manager will be trained in accordance with OSHA Standard 1910 (General Industry) and be in possession of an OSHA 10 Hour or 30 Hour Card.
- ◆ Any listening points located in a "confined space" such as pit and vault installations that require entry will be treated in accordance with the safety rules regarding **Confined Space Entry, designated by the Utility, The Department of Labor and OSHA.**
  - All personnel are **trained and certified** in Confined Space Entry & Self-Rescue.
- ◆ We will follow all safety rules regarding **First Responder First Aid & CPR, designated by the Utility, The Department of Labor and OSHA.**
  - All personnel are **trained and certified** in First Responder First Aid & CPR.
- ◆ We will follow all **traffic safety rules, designated by the Utility, The Department of Labor, OSHA, and the State Department of Transportation (per MUTCD).**
  - All personnel are **trained and certified**, by the **AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA)** in Traffic Control and Safety.



**ATSSA Certified  
Traffic Control Personnel**



**Work Zone Safety Plans  
will be used**



## INVESTMENT

A commitment to improving and maximizing the Utilities' water distribution system for future generations.

M.E. Simpson Co., Inc. is pleased to offer our fee proposals for the Village of Allouez, City of De Pere, and Manitowoc Public Utilities (MPU)'s, Water Distribution System Leak Detection Program.

M.E. Simpson Co., Inc. will perform Leak Detection Program on stated miles of the water distribution system (below).

|                            |                                                   |
|----------------------------|---------------------------------------------------|
| Village of Allouez         | 64.10 miles of water main (mixed pipe materials)  |
| City of De Pere            | 119.80 miles of water main (mixed pipe materials) |
| Manitowoc Public Utilities | 186.51 miles of water main (mixed pipe materials) |

The services will be completed by one of our two-man teams with all necessary equipment furnished by M.E. Simpson Co., Inc. as described within this document. One (1) copy of the final report will be submitted to the Utilities. Fees include round trip mobilization costs.

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**Village of Allouez, 2019 Water Distribution System Leak Detection Program fee:**

Lump Sum Fee ----- \$31,850.00

\*\*Any additional miles of pipe surveyed beyond the original 64.10 miles, will be assessed at a unit cost of \$272.00 per mile of AC/iron pipe and \$540.00 per mile for PVC pipe. This would be done only upon agreement between M.E. Simson Co., Inc. and the Village of Allouez.

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**City of De Pere, 2019 Water Distribution System Leak Detection Program fee:**

Lump Sum Fee ----- \$49,000.00

\*\*Any additional miles of pipe surveyed beyond the original 119.80 miles, will be assessed at a unit cost of \$272.00 per mile of AC/iron pipe and \$540.00 per mile for PVC pipe. This would be done only upon agreement between M.E. Simson Co., Inc. and the Village of Allouez.

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**Manitowoc Public Utilities (MPU), 2019 Water Distribution System Leak Detection Program fee:**

Lump Sum Fee ----- \$64,925.00

\*\*Any additional miles of pipe surveyed beyond the original 186.51 miles, will be assessed at a unit cost of \$272.00 per mile of AC/iron pipe and \$540.00 per mile for PVC pipe. This would be done only upon agreement between M.E. Simson Co., Inc. and MPU.



All procedures will be followed according to the above project scope of services. The data gathered will be compiled and a report of all leaks found will be submitted to your Utility as the survey takes place as well as a comprehensive final report of the leak survey.

We thank you for this opportunity to acquaint you with our Water Distribution System Leak Survey services. Please call us if you wish to discuss our services in more detail.

### Sample Water Loss Reports

We have included a sample of a Leak Survey report for Joliet, IL on the following pages:



February 21, 2014

Mr. James E. Eggen, P.E.  
 Director of Public Utilities  
 City of Joliet  
 921 East Washington Street  
 Joliet, Illinois 60433

Dear Mr. Eggen,

M.E. Simpson Co., Inc. is a technical service company providing Leak Survey Programs, Large Meter Testing and Repair Programs, Water Main Location, Valve Assessment, and Computer Mapping Programs. These "Technical Services" offered by M.E. Simpson Co., Inc. are designed to aid a utility in reducing unaccounted for water and lost revenue.

M.E. Simpson Co., Inc. is pleased to submit this report of our leak detection survey for the City of Joliet. This survey addressed the Joliet water distribution system, consisting of approximately 20 miles of water main. The report contains the results of our investigation including the following:

1. A DESCRIPTION OF THE AREA SURVEYED.
2. METHODOLOGY OF THE SURVEY
3. A LIST OF LEAKS AND TYPE OF LEAKS LOCATED
4. GENERAL RECOMMENDATIONS BASED ON OUR INVESTIGATION

#### DESCRIPTION OF THE AREA SURVEYED

Approximately 105,600 lineal feet were surveyed as part of the system investigation. This included all fire hydrants, accessible mainline valves and selected services.

#### METHODOLOGY

Your survey was conducted using the latest state of the art leak computers, the **FLUID CONSERVATION SYSTEMS' FCS Accu-Corr / Digi-Corr or Vivax Metrotech HL6000 leak correlator**. The FCS S-30 is a tool used as an electronically enhanced listening device. All of these correlators are manufactured by Fluid Conservation Systems of Milford, Ohio. These electronic instruments are microprocessor units that measure the time it takes the sound of the leak to travel from the leak to the point where the leak Correlator is connected to the water line. By connecting the leak correlator to the water line at two locations, it will compute the distance from the leak to each connection point thus enabling us to determine the exact leak location. Our experienced technicians used these devices, along with the S30 electronically enhanced listening device or the L-Mic electronic listening device, as listening equipment to survey your pipeline network. Each hydrant and accessible valve was used as listening points to identify leaks. Selected services, b-boxes, were used on an as needed basis to keep the listening distances under five hundred feet (500'). "Pinpointing" of the leak, as well as locating leaks that other methods fail to reveal was also done with this equipment.

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)

**LEAKAGE LOCATED**

All water mains within the Project area were surveyed and 9 leaks were located. These leaks have been grouped as follows: Main Line Leak - 1, Service Line Leak - 3, Fire Service Leak -0, Valve Leak - 1, Hydrant Leak - 4, Other Type Leak - 0. All of these leaks have been verbally reported to your office with these locations, so many have probably been repaired already. Following are the leak locations with an estimated GPD (Gallons Per Day) leakage potential.

| <b>Type</b>            | <b>Location</b>                                                  | <b>SIZE</b>       |
|------------------------|------------------------------------------------------------------|-------------------|
| Main Line              | Scott Street & Webster Street<br>see enclosed diagram            | 28,800 GPD        |
| Service Line           | 331 Joliet Street<br>see enclosed diagram                        | 7,200 GPD         |
| Service Line           | 457 Des Plaines Street<br>see enclosed diagram                   | 5,760 GPD         |
| Service Line           | 6 & 8 Wallace Street<br>see enclosed diagram                     | 4,320 GPD         |
| Valve (packing)        | Des Plaines Street & Washington Street<br>see enclosed diagram   | 2,880 GPD         |
| Hydrant                | Ottawa Street & Clinton Street<br>see enclosed diagram           | 2,880 GPD         |
| Hydrant                | 150 West Jefferson Street<br>see enclosed diagram                | 1,440 GPD         |
| Hydrant                | 95 Chicago Street (S)<br>see enclosed diagram                    | 1,440 GPD         |
| Hydrant                | Chicago Street & New Street<br>see enclosed diagram    **Fixed** | 1,440 GPD         |
| <b>9 Leaks Located</b> | <b>ESTIMATED LEAKAGE TOTAL</b>                                   | <b>56,160 GPD</b> |

### LEAK QUANTITIES

Quantifying leaks is difficult because there is not any accurate means of doing so. Pipe material, size of the leak, system pressure, soil material and water table will affect the noise that a leak makes. Small leaks under high system pressure will make more noise than a large leak under low system pressure. However, the above leaks are of sufficient noise levels that the above estimates should be very conservative. If a production price of \$1.45 per thousand gallons is used, these leaks were costing your utility in excess of \$89.78 per day or \$32,771.16 annually. It's obvious this Leak Survey Program has proven to be cost effective. Naturally the main line leaks have the greatest potential for loss followed by service line, valves, and finally hydrants. Once leaks have been repaired, we would recommend that the Utility compare pumping rates before and after. This information will be more meaningful and accurate.

### RECOMMENDATIONS

This survey confirms the City of Joliet's water distribution system will benefit from this project by a reduction in underground leakage. There is always a concern over the cost effectiveness of leak detection because of the uncertainty of the number of leaks located. However, with your present cost of water and the discovery of these XX leaks, the cost of this 2013 leak survey will pay for itself within 2 months. It only takes a recovery of about 61,920 gallons per day on an annual basis (61,920 per day is only 43 gallons per minute throughout your entire water distribution system) to recover your investment. We would recommend that you conduct a Leak Survey Program every year. This recommendation becomes more critical as your cost of water increases.

We appreciate your cooperation and that of the Utility staff we were available to answer our questions during this project. If you have any questions with the information in this report, please do not hesitate to contact us.

Sincerely Yours,

Randy Lusk  
Regional Manager – Dyer  
RL/jph



# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Joliet, Illinois

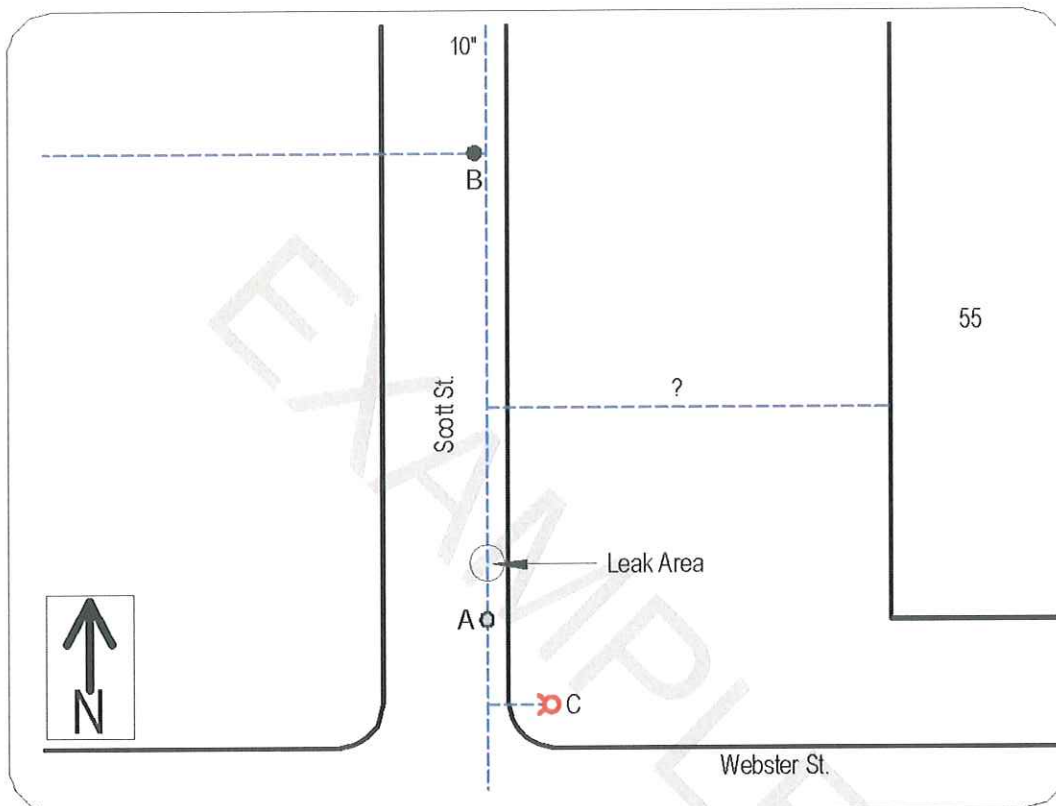
**Time:** 10:00:00 AM **Leak#** 09

**Date:** Friday, January 24, 2014

**Tech:** Jerry R. & Blake G.

**Address:** Scott Street & Webster Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 114' from A to B / 147' from B to C

**Connection point:** A= Main Line Valve

**Connection point:** B= Fire Service Valve

**Connection point:** C= Hydrant

**Connection point:**

**Leak Location:** 13' from A

**Comments:** This is a leak on a 10" main.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)

**M.E. SIMPSON COMPANY, INC.**  
**LEAK LOCATION REPORT**

**Client:** Joliet, Illinois

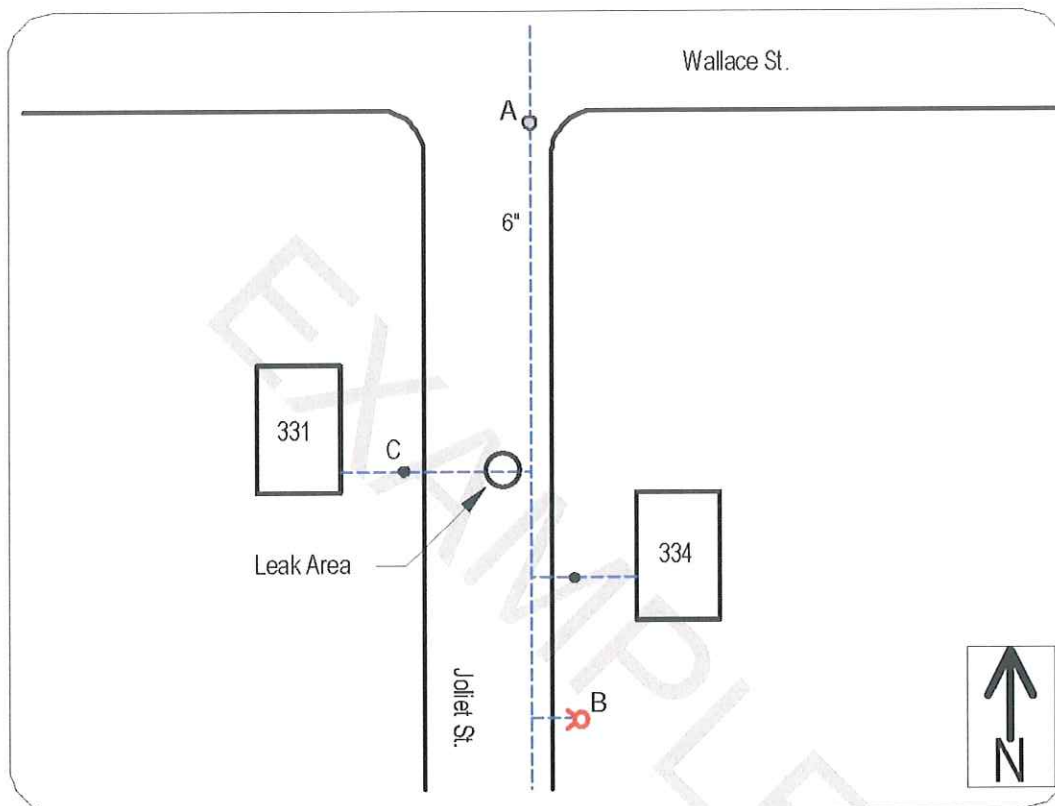
**Time:** 10:30:00 AM    **Leak#** 04

**Date:** Thursday, December 19, 2013

**Tech:** Jerry R. & Jacob P.

**Address:** 331 Joliet Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 635' from A to B / 116' from C to B

**Connection point:** A= Main Line Valve

**Connection point:** B= Hydrant

**Connection point:** C= Service Curbstop

**Connection point:**

**Leak Location:** 25' from C

**Comments:** This is a leak on the service line to 331 Joliet Street.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

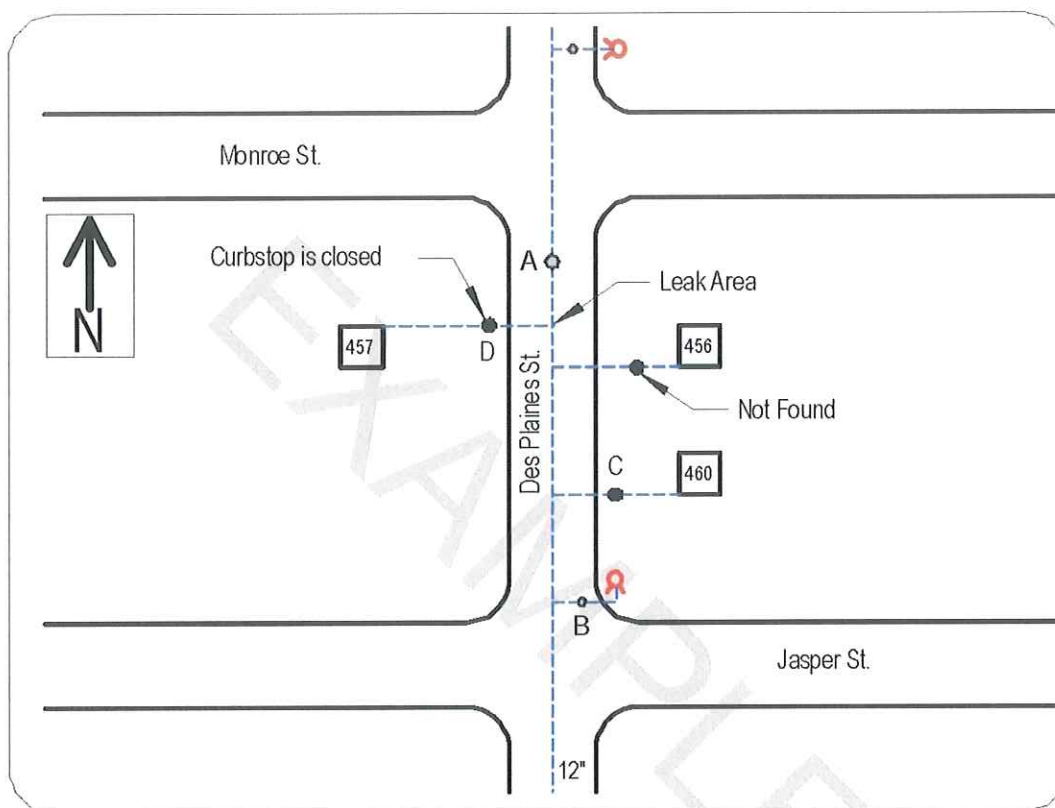
Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)

## M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Joliet, Illinois**Time:** 11:00:00 AM **Leak#** 08**Date:** Wednesday, January 22, 2014**Tech:** Jerry R. & Blake G.**Address:** 457 Des Plaines Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 314' from A to B / 228' from A to C / 129' from A to D

**Connection point:** A= Main Line Valve

**Connection point:** B= Hydrant Auxiliary Valve

**Connection point:** C= Service to 460

**Connection point:** D= Service to 457

**Leak Location:** 24' from D

**Comments:** This is a leak at the service corporation to 457 Des Plaines Street. This drawing is not to scale.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)

**M.E. SIMPSON COMPANY, INC.**  
**LEAK LOCATION REPORT**

**Client:** Joliet, Illinois

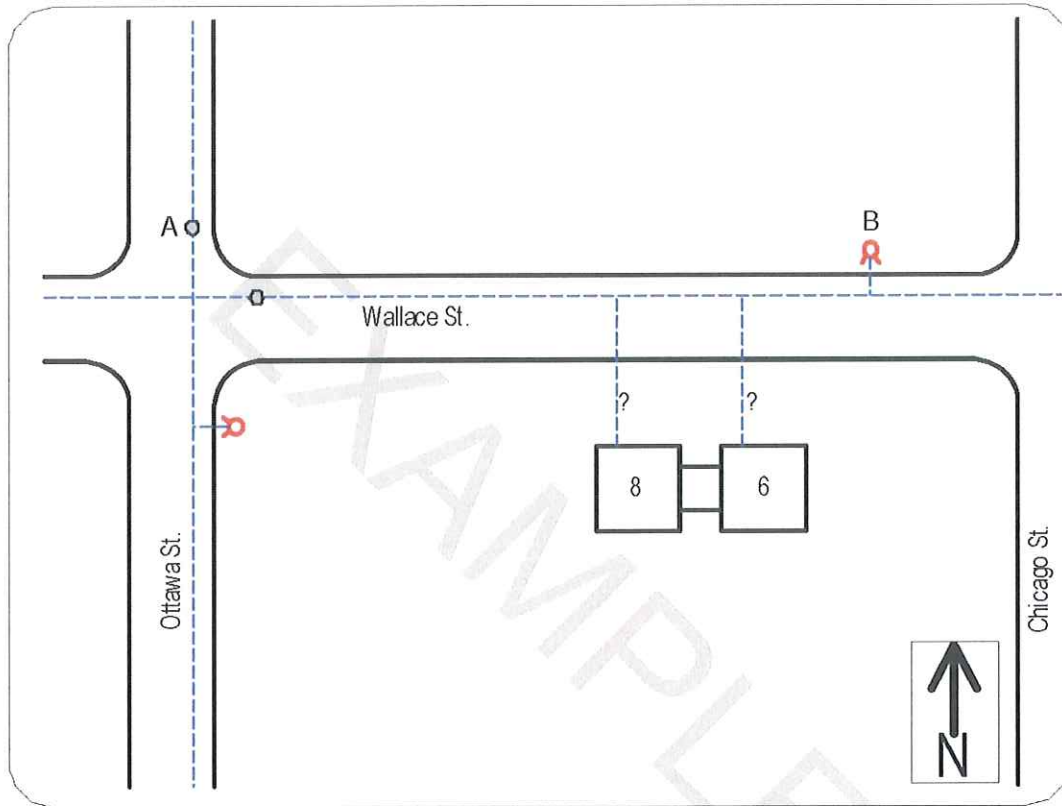
**Time:** 11:20:00 AM    **Leak#** 05

**Date:** Thursday, December 19, 2013

**Tech:** Jerry R. & Jacob P.

**Address:** 6 & 8 Wallace Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 238' from A to B

**Connection point:** A= Main Line Valve

**Connection point:** B= Hydrant

**Connection point:**

**Connection point:**

**Leak Location:** 180' from A

**Comments:** This is a leak on the service near 6 & 8 Wallace Street. We were unable to locate either of the services and need the water department to determine where the services are. After this, we can properly pinpoint the exact leak area. This drawing is not to scale.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)

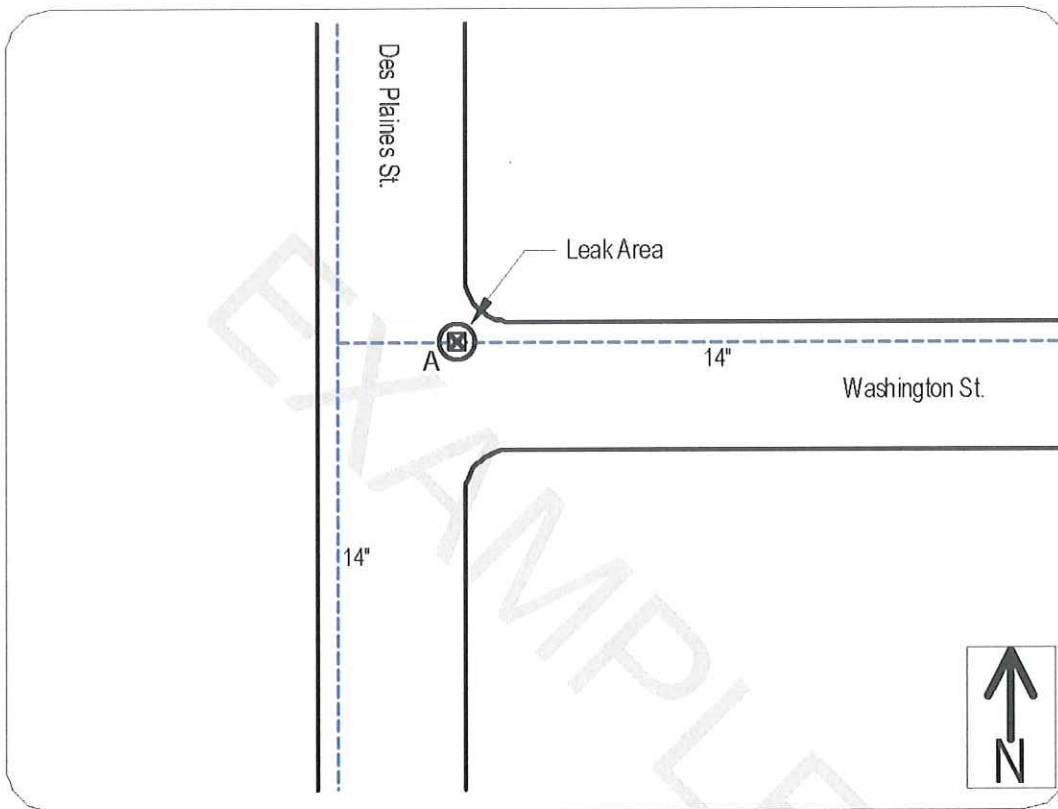


## M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Joliet, Illinois**Time:** 10:00:00 AM **Leak#** 01**Date:** Thursday, December 12, 2013**Tech:** Jerry R. & Jacob P.**Address:** Des Plaines Street & Washington Street

Below is a diagram of the area surveyed for a suspect leak.

**Distance:** 0' from A**Connection point:** A= Main Line Valve (in vault)**Connection point:****Connection point:****Connection point:****Leak Location:** 0' from A**Comments:** This is a packing leak on the main line valve.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Joliet, Illinois

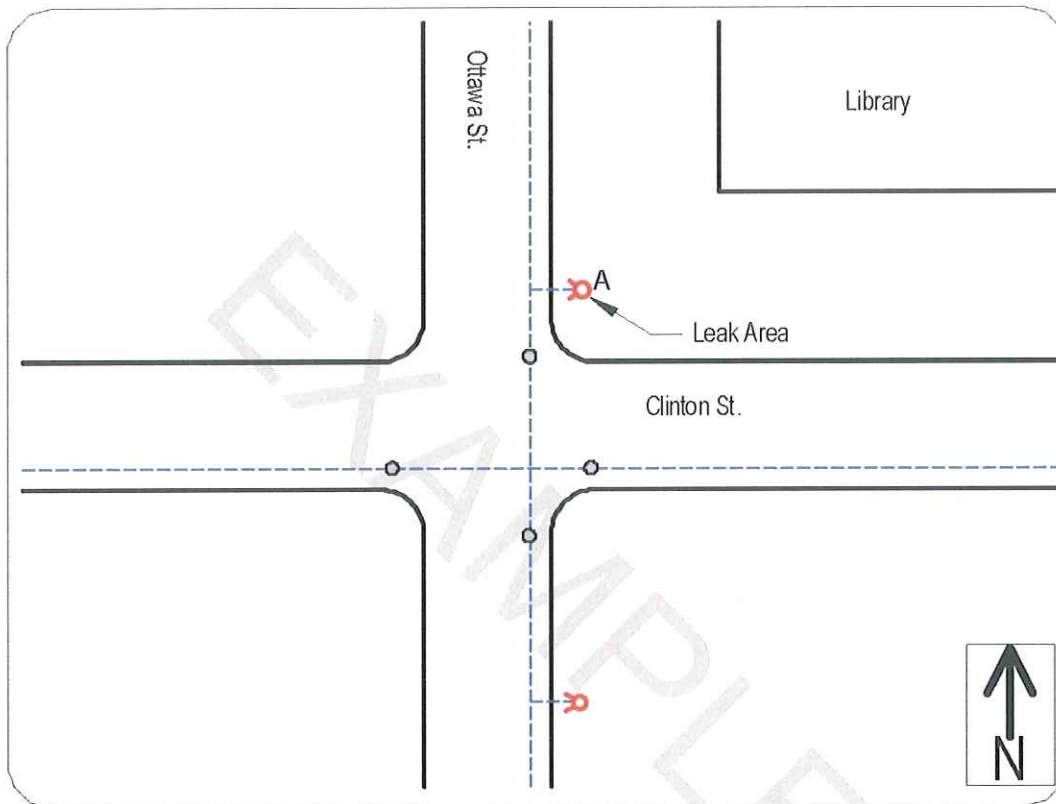
**Time:** 11:00:00 AM **Leak#** 03

**Date:** Thursday, December 12, 2013

**Tech:** Jerry R. & Jacob P.

**Address:** Ottawa Street & Clinton Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

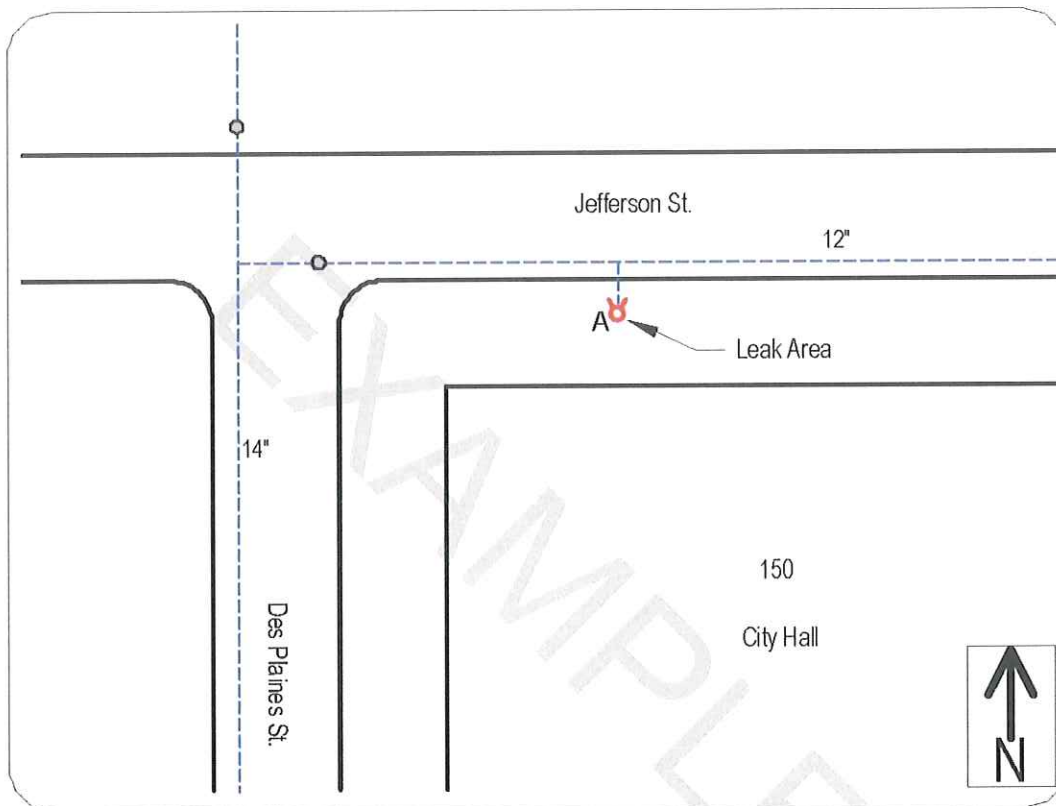
*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

## M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Joliet, Illinois**Time:** 10:25:00 AM **Leak#** 02**Date:** Thursday, December 12, 2013**Tech:** Jerry R. & Jacob P.**Address:** 150 West Jefferson Street

Below is a diagram of the area surveyed for a suspect leak.

**Distance:** 0' from A**Connection point:** A= Hydrant**Connection point:****Connection point:****Connection point:****Leak Location:** 0' from A**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)

# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Joliet, Illinois

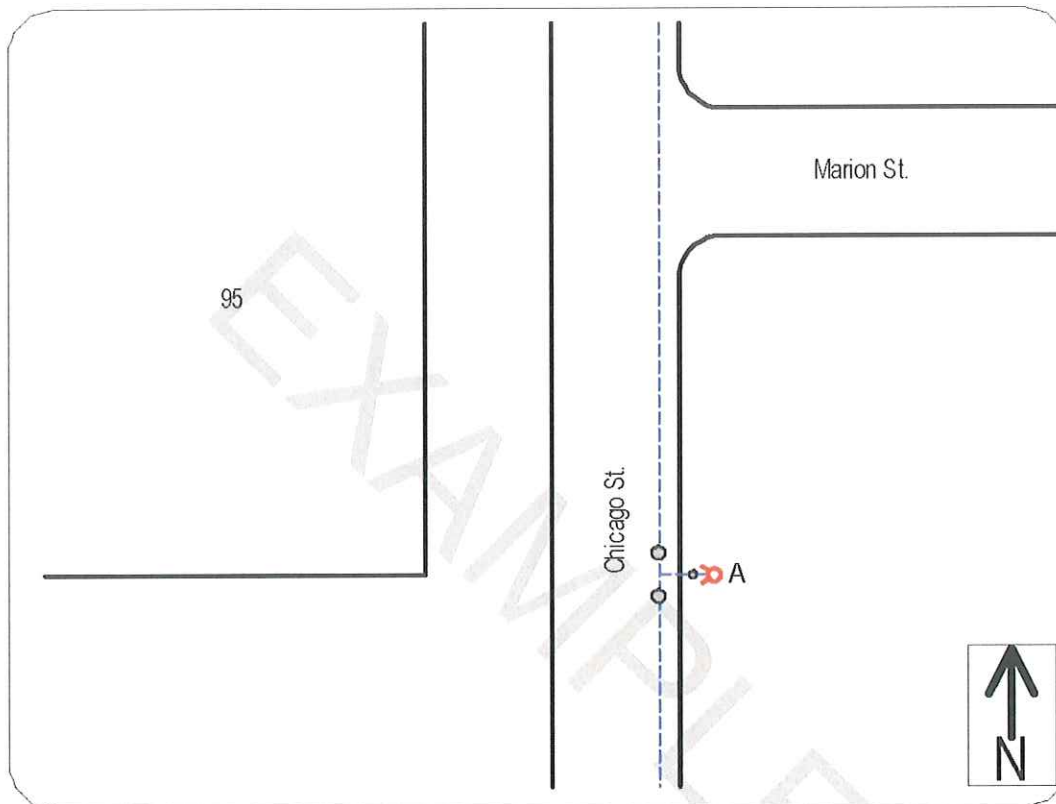
**Time:** 9:20:00 AM    **Leak#** 06

**Date:** Wednesday, January 22, 2014

**Tech:** Jerry R. & Blake G.

**Address:** 95 Chicago Street (S)

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This is a hydrant leak.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*



# M.E. SIMPSON COMPANY, INC.

## LEAK LOCATION REPORT

**Client:** Joliet, Illinois

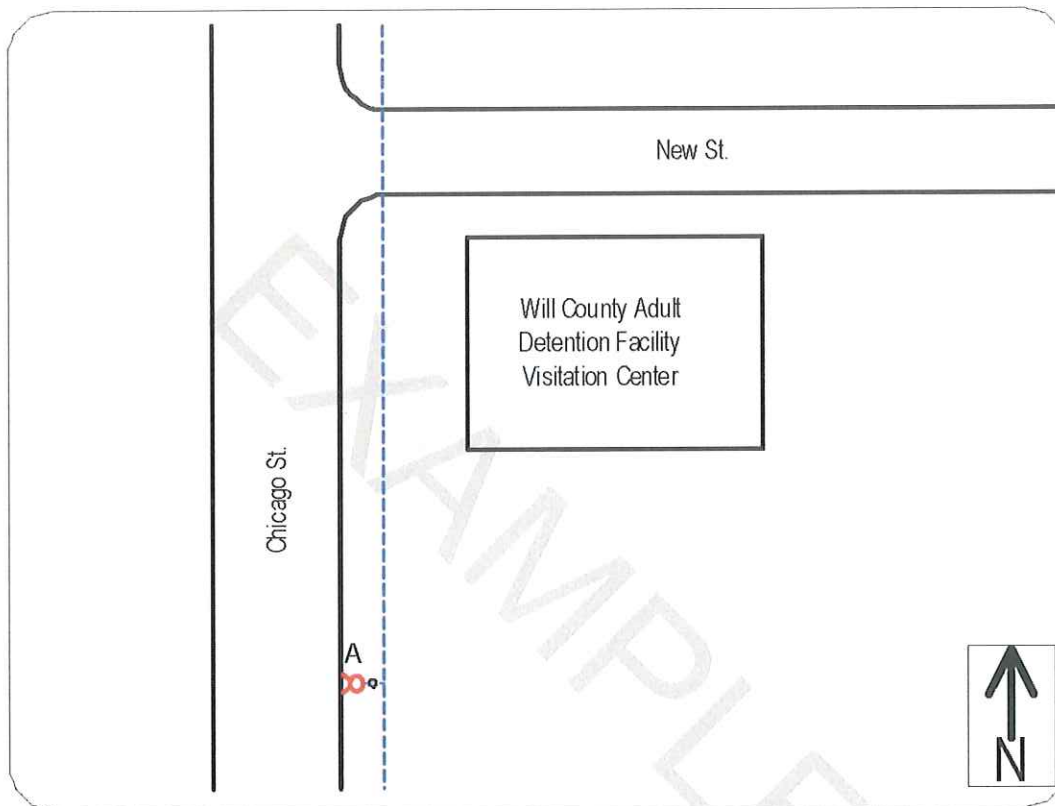
**Time:** 10:00:00 AM **Leak#** 07

**Date:** Wednesday, January 22, 2014

**Tech:** Jerry R. & Blake G.

**Address:** Chicago Street & New Street

Below is a diagram of the area surveyed for a suspect leak.



**Distance:** 0' from A

**Connection point:** A= Hydrant

**Connection point:**

**Connection point:**

**Connection point:**

**Leak Location:** 0' from A

**Comments:** This was a hydrant leak. We tightened the hydrant operating nut and the leak noise quit. This leak is fixed.

*We thank you for the opportunity to work for your Utility and look forward to serving you again. If you have any questions please don't hesitate to call.*

| M. E. Simpson Company, Inc. - Leak Survey Log |                      |                          |                           |                  |                           |              |                     |                                           |                              |      |                            |
|-----------------------------------------------|----------------------|--------------------------|---------------------------|------------------|---------------------------|--------------|---------------------|-------------------------------------------|------------------------------|------|----------------------------|
| Leak Survey Client:                           |                      | Joliet, Illinois         |                           |                  |                           |              |                     | Technicians:                              | Jerry, Jacob, & Blake        |      |                            |
| Map Page or Section #                         | Street               | Cross Street             | Date of Initial Listening | Date of Pinpoint | Listening Point (H,V,S,P) | Leak (Y / N) | Leak Fixed? (Y / N) | Leak Type (Main, Service, Hydrant, Valve) | Noise Source (if not a leak) | GPM  | Leak DWG # (Field Sheet #) |
| 7                                             | Des Plaines Street   | Washington Street        | 12/12/2013                | 12/12/2013       | Valve                     | Yes          | No                  | Valve                                     |                              | 2    | 1                          |
| 7                                             | Jefferson Street (W) | 150 Jefferson Street (W) | 12/12/2013                | 12/12/2013       | Hydrant                   | Yes          | No                  | Hydrant                                   |                              | 1    | 2                          |
| 7                                             | Ottawa Street        | Clinton Street           | 12/12/2013                | 12/12/2013       | Hydrant                   | Yes          | No                  | Hydrant                                   |                              | 2    | 3                          |
| 7                                             | Ottawa Street        | Webster Street           | 12/12/2013                | 12/19/2013       | Service/Valve             | No           |                     |                                           | Traffic                      |      |                            |
| 7                                             | Joliet Street        | Jefferson Street         | 12/12/2013                | 12/19/2013       | Valve                     | No           |                     |                                           | Traffic                      |      |                            |
| 7                                             | Joliet Street        | 331 Joliet Street        | 12/17/2013                | 12/19/2013       | Hydrant                   | Yes          | No                  | Service                                   |                              | 5    | 4                          |
| 7                                             | Wallace Street       | 6 & 8 Wallace Street     | 12/18/2013                | 12/19/2013       | Service/Valve             | Yes          | No                  | Service                                   |                              | 3    | 5                          |
| 7                                             | Chicago Street       | 95 Chicago Street        | 1/22/2014                 | 1/22/2014        | Hydrant                   | Yes          | No                  | Hydrant                                   |                              | 1    | 6                          |
| 7                                             | Chicago Street       | New Street               | 1/22/2014                 | 1/22/2014        | Hydrant                   | Yes          | Yes                 | Hydrant                                   |                              | 1    | 7                          |
| 7                                             | Scott Street         | Webster Street           | 1/22/2014                 | 1/24/2014        | Hydrant/Valve             | Yes          | No                  | Main                                      |                              | 20   | 9                          |
| 7                                             | Des Plaines Street   | 457 Des Plaines Street   | 1/22/2014                 | 1/22/2014        | Hydrant                   | Yes          | No                  | Service                                   |                              | 4    | 8                          |
| 7                                             | Herkimer Street      | Jackson Street           | 1/23/2014                 | 2/5/2014         | Hydrant                   | Yes          | No                  | Service                                   |                              | 5    | 10                         |
| 7                                             | Lucas Street         | 256 Lucas Street         | 1/23/2014                 | 2/5/2014         | Hydrant                   | Yes          | No                  | Hydrant                                   |                              | 5-10 | 11                         |
| 7                                             | Water Street         | Shelby Street            | 1/23/2014                 | 2/5/2014         | Hydrant                   | Yes          | No                  | Main                                      |                              | 20   | 12                         |
|                                               |                      |                          |                           |                  |                           |              |                     |                                           |                              |      |                            |
|                                               |                      |                          |                           |                  |                           |              |                     |                                           |                              |      |                            |
|                                               |                      |                          |                           |                  |                           |              |                     |                                           |                              |      |                            |
|                                               |                      |                          |                           |                  |                           |              |                     |                                           |                              |      |                            |
|                                               |                      |                          |                           |                  |                           |              |                     |                                           |                              |      |                            |
|                                               |                      |                          |                           |                  |                           |              |                     |                                           |                              |      |                            |
|                                               |                      |                          |                           |                  |                           |              |                     |                                           |                              |      |                            |

Attachment: ME Simpson Company (8075 : Consider Leak Detection Survey)



City of De Pere, Wisconsin

**Request For Board of Public Works Action**

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**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Engineering

**FROM:** Eric Rakers

**SUBJECT:** Consider Quote for 2019 Traffic Signal Study.\*

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**ATTACHMENTS:**

- CI\_BOPW\_2019\_Traffic\_Study\_4-8-2019 (DOC)
- CE\_RFP\_2019\_Traffic\_Signal\_Study\_3-4-2019 (PDF)
- JT\_Traffic\_Study\_Proposal (PDF)
- RAS\_Traffic\_Study\_Proposal (PDF)

# City of De Pere

## Public Works Department

## Memo

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**To:** Honorable Mayor Walsh  
Members of the Board of Public Works  
**From:** Eric Rakers, P.E., City Engineer  
**Date:** April 8, 2019  
**Subject:** Consider Quote for 2019 Traffic Signal Study\*

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The Engineering Department received proposals for the 2019 Traffic Signal Study for the City of De Pere. This proposal involves analyzing the signal timing of the existing signals within the Main Avenue and Reid Street corridors. Additionally, the consultant will review and provide comments on the Traffic Impact Analysis provided to the City as part of the West De Pere School District expansion. The proposals received are as follows:

| 2019 Traffic Signal Study | Total       |
|---------------------------|-------------|
| JT Engineering, Inc.      | \$19,955.00 |
| R.A. Smith, Inc.          | \$20,875.00 |

Staff also requested a third proposal from Toole Design Group who did not provide a proposal or make contact with staff.

The budgeted amount from the capital improvement budget for a traffic signal study is \$40,000.

The staff recommendation is to accept the quote from JT Engineering, Inc. for the 2019 Traffic Signal Study Proposal.

**Attachments:**

JT\_Traffic\_Signal\_Study\_Proposal  
RAS\_Traffic\_Signal\_Study\_Proposal

Attachment: CI\_BOPW\_2019\_Traffic\_Study\_4-8-2019 (8091 : Consider Quote for 2019 Traffic Signal Study.\*)



## Request for Proposals For 2019 Traffic Signal Study

The City of De Pere would like to invite your firm to submit a proposal for the 2019 Traffic Signal Study for the City of De Pere.

Your proposal must be submitted to our office by Wednesday, March 27, 2019 at 3:00 p.m. Proposals can be submitted via email to Eric Rakers at [erakers@mail.de-pere.org](mailto:erakers@mail.de-pere.org).

### **GENERAL INFORMATION:**

This traffic signal study will analyze the traffic and timing of the existing signals within the Main Avenue and Reid Street corridors in the City of De Pere. Based off of this analysis, signal timing recommendations should be given for each signalized intersection. The City currently uses Eagle EPAC M50 NEMA Controllers. A traffic study was last completed in 2009-2010. Since that time, there have been significant changes in the corridor, including the following:

- The removal of the traffic signal at the intersection of Main Avenue and Lawrence Drive with the installation of a roundabout.
- The signal modification of Main Avenue and Tenth Street to accommodate the roundabout construction. This signal includes detection to minimize queuing back to the Main Avenue and Lawrence Drive roundabout.
- Construction of left turn lanes on Eighth Street at Main Avenue.

Evaluate the Main Avenue and Reid corridor under existing traffic and year 2039 traffic projections.

Additional analysis is required to the Main Avenue and Eighth Street signalized intersection to perform an evaluation of the existing intersection with the eastbound lanes being modified for a left turn only and a thru/right lane. Perform another evaluation for the addition of dedicated left turn lanes on Main Avenue while still maintaining a thru and thru/right lane for east and westbound traffic under existing and future traffic projections.

The following intersections are included in this review:

#### **Main Avenue:**

1. Tenth Street / Festival Foods
2. Ninth Street
3. Eighth Street
4. Fifth Street (no signals)
5. Fourth Street

#### **Reid Street**

6. Fifth Street
7. Fourth Street
8. Third Street

### **SCOPE OF SERVICES:**

The scope of services for this project is to include the following for each intersection:

- Gather traffic data and perform traffic counts
- Model corridor
- Perform 20-year traffic projections
- Provide recommendations for timing in corridor.
- Provide recommendations for the signals at each intersection for existing and projected traffic volumes.
- Perform evaluations for Main Avenue and Eighth Street.
  - Modification of existing eastbound configuration to a dedicated left lane and a thru/right turn lane.
  - Addition of dedicated left turn lanes to both east and west bound traffic while maintaining a thru and thru/right lane.
- Perform a signal warrant analysis for Main Avenue and Fifth Street.
- The West De Pere School District is proposing significant school expansions to the high school off of Grant Street and the Middle School off of S. Ninth Street. TADI, Inc. has been retained by the District's Architect to complete a traffic impact analysis (TIA) along Grant Street and near the high school on Helena Street. Part of the scope of services for this proposal will be to review the TIA and provide input to the City along with any recommended changes and/or concerns.

The consultant should include three meetings in the proposal as follows:

- Kickoff meeting, including a review of the site.
- Preliminary report meeting.
- Final report meeting.

The majority of correspondence and review will be completed via email.

### **SCHEDULING:**

The received proposals for the 2019 Traffic Signal Study will be taken to the April 8, 2019 Board of Public Works meeting for consideration and approval.

Once the project is awarded, the City anticipates the contracts to be finalized and study to be completed by July 31, 2019. After which, the City will review the recommendations.

### **INSURANCE:**

Your company shall effect and maintain insurance to protect from claims under workers compensation acts; claims for damages because of bodily injury including personal injury, sickness or disease, or death of any of the company's employees; and from claims for damages because of injury to or destruction of tangible property including loss of use resulting there from; and from claims arising out of the performance of professional services caused by any errors, omissions or negligent acts for which the company is legally liable.

The company shall indemnify and save harmless the City of De Pere and their representatives from all

suits, actions, or claims of any character brought for or on account of any injuries or damages received by any person, persons or property resulting from the negligent acts of the company or of any of their sub-consultants in prosecuting the work.

**PROPERTY PROTECTION:**

The company shall take precautions to prevent damage to property and any underground lines and shall restore the site to the condition existing prior to entry, including backfilling of borings and patching slabs and pavements for soil boring activities.

**FEE:**

A fee schedule has been included for use on your proposal.

**DELIVERY:**

The deliverables for the 2019 Traffic Signal Study include the following:

1. All traffic counts, signal warrant analysis, and recommendations in a PDF format.
2. Signal timings in PDF format and a format compatible with the traffic signals.

**ADDITIONAL INFORMATION:**

The City will provide the following information to the consultant for the 2019 Traffic Signal Study:

1. 2009-2010 Traffic Signal Study.
2. Traffic Signal Record Drawings.
3. West De Pere School District Traffic Impact Analysis

A sample consultant agreement is attached.

### Proposed Fee Schedule

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

Company Address: \_\_\_\_\_

Company Representative: \_\_\_\_\_

Signature: \_\_\_\_\_

Fee (Total): \_\_\_\_\_

| Item | Description                                                                                                                                                                    | Quantity | Unit | Unit Price | Amount |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------|--------|
| A    | Gather traffic data and perform traffic counts                                                                                                                                 | 1        | LS   | \$         | \$     |
| B    | Model Corridor                                                                                                                                                                 | 1        | LS   | \$         | \$     |
| C    | Perform 20-year traffic projections                                                                                                                                            | 1        | LS   | \$         | \$     |
| D    | Provide recommendations for timing in corridor                                                                                                                                 | 1        | LS   | \$         | \$     |
| E    | Provide recommendations for the signals at each intersection for existing and projected traffic volumes.                                                                       | 7        | EA   | \$         | \$     |
| F    | Perform evaluations for Main Avenue and Eighth Street. Modification of existing eastbound configuration to a dedicated left lane and a thru/right turn lane.                   | 1        | LS   | \$         | \$     |
| G    | Perform evaluations for Main Avenue and Eighth Street. Addition of dedicated left turn lanes to both east and west bound traffic while maintaining a thru and thru/right lane. | 1        | LS   | \$         | \$     |
| H    | Main Avenue and Fifth Street Signal Warrant Analysis                                                                                                                           | 1        | LS   | \$         | \$     |

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|                            |                                         |   |    |    |    |
|----------------------------|-----------------------------------------|---|----|----|----|
| I                          | West De Pere School District TIA Review | 1 | LS | \$ | \$ |
| J                          | Design / Progress Meetings              | 3 | EA | \$ | \$ |
| K                          | Recommendation Report                   | 1 | LS | \$ | \$ |
| <b>TOTAL PROPOSAL COST</b> |                                         |   |    |    | \$ |



March 27, 2019

ATTN: Mr. Eric P. Rakers, PE  
 City of De Pere  
 925 South Sixth Street  
 De Pere, WI 54115-1199

Subject: **Request for Proposal for 2019 Traffic Signal Study**

Dear Mr. Rakers,

I am pleased to present our proposal to complete the 2019 Traffic Signal Study for the City of De Pere. JT Engineering, Inc. is a woman-owned firm that was founded in 2005. Our team of experienced staff is fully dedicated to providing cost-effective transportation solutions for our clients, and we look forward to this opportunity to serve the City of De Pere. We view each project as a partnership and will listen to your needs, goals, and concerns while making successful delivery our top priority.

Our team's project manager will be Bob Schuurmans, PE. Bob has been focused on traffic engineering and signal design for the past 30+ years and has designed and studied traffic and corridors all over northeast Wisconsin, and knows this specific corridor in this RFP very well. Bob specializes in traffic signal design and operations, safety analysis, regulations, work zone analysis, lighting design, and constructability review from a traffic operations perspective. Over his career, he has directed over 130 traffic signal installations and 100+ highway lighting installations within 11 counties in NE Wisconsin.

Our assistant traffic engineer will be Stefany Katzner PE, PTOE. Stefany is a transportation engineer with over 10 years of experience in signal timing, traffic operations and safety analysis, noise analysis, traffic impact analysis, transportation management plans, signal design, and bridge and roadway construction. She is proficient in traffic simulation modeling using the Paramics suite, Synchro/SimTraffic, and the Highway Capacity Software (HCS), as well as use of FHWA Traffic Noise Model 2.5. Stefany also has experience with MicroStation, Civil 3D, and Vissim.

JT Engineering has a large team of highly talented professionals based within a close proximity to the De Pere area, all of which have experience to help adequately assist with the data gathering, traffic observation, and administration of this project. We work closely together, utilizing our past project experiences and lessons learned to deliver high-quality, cost-effective designs. We appreciate your consideration of JT Engineering, Inc. and look forward to working with you.

Sincerely,

A handwritten signature in black ink, appearing to read 'Craig Treadway', with a stylized flourish at the end.

Craig Treadway, PE  
 Vice President  
 JT Engineering, Inc.

Attachment: JT\_Traffic\_Study\_Proposal (8091 : Consider Quote for 2019 Traffic Signal Study.)

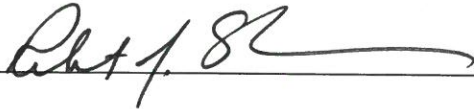
## Proposed Fee Schedule

Company Name: JT Engineering, Inc.

Company Address: 1077 Centennial Centre Blvd.

Company Address: Hobart, WI 54155

Company Representative: Robert Schuurmans, P.E.

Signature: 

Fee (Initial scope total cost): \$19,955

Fee (Additional scope for Saturday counts) : \$8,975

This proposal has JT gathering traffic data and performing counts for each intersection, for one weekday 13-hour count.

| Item | Description                                                                                                                                              | Quantity | Unit | Unit Price | Amount  |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------|---------|
| A    | Gather Traffic Data Perform Count - one weekday count                                                                                                    | 1        | LS   | \$4,550    | \$4,550 |
| B    | Model Corridor - base model                                                                                                                              | 1        | LS   | \$4,675    | \$4,675 |
| C    | Perform 20 year traffic Projection                                                                                                                       | 1        | LS   | \$1,155    | \$1,155 |
| D    | Provide Recommendations for timing in corridor                                                                                                           | 1        | LS   | \$550      | \$550   |
| E    | Provide Recommendation for the signal at each intersection for existing and projected traffic volumes                                                    | 7        | EACH | \$175      | \$1,225 |
| F    | Perfrom evaluations for Main Ave and 8th Street. Modification of existing eastbound configuration to a dedicated left lane and a thru/right lane         | 1        | LS   | \$675      | \$675   |
| G    | Perfrom evaluations for Main Ave and 8th Street. Addition of dedicated left lane to both east and west bound traffic while maintaining a thru/right lane | 1        | LS   | \$650      | \$650   |

Attachment: JT\_Traffic\_Study\_Proposal (8091 : Consider Quote for 2019 Traffic Signal Study.)

|   |                                                    |   |      |                                |                 |
|---|----------------------------------------------------|---|------|--------------------------------|-----------------|
| H | Main Ave and 5th Street<br>Signal warrant Analysis | 1 | LS   | \$600                          | \$600           |
| I | West De Pere School<br>District TIA Review         | 1 | LS   | \$1,475                        | \$1,475         |
| J | Design/Progress meetings                           | 3 | EACH | \$550                          | \$1,650         |
| K | Recommendation Report                              | 1 | LS   | \$2,750                        | \$2,750         |
|   |                                                    |   |      | <b>Total Proposal<br/>Cost</b> | <b>\$19,955</b> |

The following is additional services, to take an additional Saturday count at each of the intersection locations, complete additional modeling, and provide additional Saturday signal timing, if desired.

| Item | Description                                                                 | Quantity | Unit | Unit Price                                             | Amount         |
|------|-----------------------------------------------------------------------------|----------|------|--------------------------------------------------------|----------------|
| A    | Gather Traffic Data<br>Perform Counts -<br>additional Saturday<br>count     | 1        | LS   | \$4,550                                                | \$4,550        |
| B    | Model Corridor - with<br>additional data                                    | 1        | LS   | \$2,550                                                | \$2,550        |
| C    | Perform 20 year traffic<br>Projection - with<br>additional data             | 1        | LS   | \$650                                                  | \$650          |
| E    | Additional Signal<br>timing at each<br>intersection for Saturday<br>volumes | 7        | EACH | \$175                                                  | \$1,225        |
|      |                                                                             |          |      | <b>Additional<br/>Saturday count<br/>Proposal Cost</b> | <b>\$8,975</b> |

Attachment: JT\_Traffic\_Study\_Proposal (8091 : Consider Quote for 2019 Traffic Signal Study.\*)



March 25, 2019

City of De Pere  
Department of Public Works  
Attn: Eric Rakers  
925 South Sixth Street  
De Pere, WI 54115-1199

Re: Main Avenue and Reid Street Traffic Signal Timing & Analysis

Dear Mr. Rakers:

raSmith is pleased to submit our proposal to the City of De Pere for traffic engineering services along the Main Avenue and Reid Street corridors. Our traffic group is very excited for the opportunity to work with the City and provide exceptional service that exceeds your expectations. We offer the following advantages for your project:

#### Experienced Traffic Signal Analysts

Our project manager, John Bruggeman, has developed timing plans for 40 intersections for several Wisconsin municipalities in the past five years. These projects included corridors that operate very similar to the City of De Pere's Main Avenue and Reid Street traffic signal system. John specializes in traffic analysis and signal operations, highlighted by his on-site traffic support at the WisDOT Southeast Region for 11 years (2004–2014). While on site at DOT, John was responsible for analyzing complex traffic signal corridors and developing coordinated traffic signal timing plans. John has worked extensively with EPAC controllers, including the City's M50 series models. Our entire traffic group is experienced in traffic signal analysis and modeling, and is very familiar with the latest MUTCD traffic signal standards.

#### Schedule and Availability

raSmith has a proven track record of delivering projects on time. We are committed to meeting the City's schedule, with delivery of the final report by July 31, 2019. Our traffic group includes five full-time engineers, with a diverse mix of skillsets and experience. We have the capacity to focus on the specific needs of your project and are eager to start as soon as possible.

#### Trusted Partners

We are aware the City is looking for an objective review of the traffic impact analysis (TIA) prepared for the West De Pere School District. Our raSmith traffic team has been reviewing TIAs on behalf of public agencies for over 20 years. We have reviewed TIAs for municipalities and counties in Wisconsin and Illinois, our traffic staff has been working on site at WisDOT reviewing TIAs since 2003, and we helped develop and continue to facilitate WisDOT's TIA preparer certification training sessions. As a trusted public agency partner, we pride ourselves in providing unbiased technical reviews and offering solutions with our clients' needs in mind.

We look forward to providing traffic services to the City of De Pere for this project and are prepared to exceed your expectations with our experienced project team.

Sincerely,



John Bruggeman, P.E., PTOE  
Traffic Project Manager

### Proposed Fee Schedule

Company Name: raSmith

Company Address: 16745 W. Bluemound Rd, Suite 200

Company Address: Brookfield, WI 53005

Company Representative: John Bruggeman

Signature: 

Fee (Total): \$20,875.00

| Item | Description                                                                                                                                                                    | Quantity | Unit | Unit Price  | Amount      |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-------------|-------------|
| A    | Gather traffic data and perform traffic counts                                                                                                                                 | 1        | LS   | \$ 3,600.00 | \$ 3,600.00 |
| B    | Model Corridor                                                                                                                                                                 | 1        | LS   | \$ 2,600.00 | \$ 2,600.00 |
| C    | Perform 20-year traffic projections                                                                                                                                            | 1        | LS   | \$ 950.00   | \$ 950.00   |
| D    | Provide recommendations for timing in corridor                                                                                                                                 | 1        | LS   | \$ 2,500.00 | \$ 2,500.00 |
| E    | Provide recommendations for the signals at each intersection for existing and projected traffic volumes.                                                                       | 7        | EA   | \$ 250.00   | \$ 1,750.00 |
| F    | Perform evaluations for Main Avenue and Eighth Street. Modification of existing eastbound configuration to a dedicated left lane and a thru/right turn lane.                   | 1        | LS   | \$ 500.00   | \$ 500.00   |
| G    | Perform evaluations for Main Avenue and Eighth Street. Addition of dedicated left turn lanes to both east and west bound traffic while maintaining a thru and thru/right lane. | 1        | LS   | \$ 500.00   | \$ 500.00   |
| H    | Main Avenue and Fifth Street Signal Warrant Analysis                                                                                                                           | 1        | LS   | \$ 1,000.00 | \$ 1,000.00 |

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|                            |                                         |   |    |             |                     |
|----------------------------|-----------------------------------------|---|----|-------------|---------------------|
| I                          | West De Pere School District TIA Review | 1 | LS | \$ 2,500.00 | \$ 2,500.00         |
| J                          | Design / Progress Meetings              | 3 | EA | \$ 575.00   | \$ 1,725.00         |
| K                          | Recommendation Report                   | 1 | LS | \$ 3,250.00 | \$ 3,250.00         |
| <b>TOTAL PROPOSAL COST</b> |                                         |   |    |             | <b>\$ 20,875.00</b> |

Attachment: RAS\_Traffic\_Study\_Proposal (8091 : Consider Quote for 2019 Traffic Signal Study.\*)



City of De Pere, Wisconsin

**Request For Board of Public Works Action**

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**MEETING DATE:** April 8, 2019

**DEPARTMENT:** Engineering

**FROM:** Eric Rakers

**SUBJECT:** Consider Award of Contract 19-18 Prosper Street and Enterprise Drive Reconstruction and Utility Relay\*

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**ATTACHMENTS:**

- CI\_BOPW\_Consider\_Award\_of\_Contract\_19-18\_4-08-2019 (DOCX)
- 2019 0328 CE\_19-18 Bid Tab (PDF)



# City of De Pere

## Public Works Department

## Memo

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**To:** Honorable Mayor Walsh  
Members of the Board of Public Works

**From:** Eric P. Rakers, P.E., City Engineer

**Date:** March 11, 2019

**Subject:** Consider Award of Contract 19-18 Prosper Street and Enterprise Drive Reconstruction and Utility Relay\*

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The Engineering Department received bids on Project 19-18 Prosper Street and Enterprise Drive Reconstruction and Utility Relay on March 28, 2019. This project involves the reconstruction and utility relay on Prosper Street and Enterprise Drive from 800 feet south of Prosper Street to Prosper Street. This project included an alternate bid to replace the street lighting on Prosper Street and Enterprise Drive from 800 feet south of Prosper Street to Heritage Road. The bids received (base bid plus alternative) are as follows:

| Contractor                      | Base Bid       | Alternate    | Total          |
|---------------------------------|----------------|--------------|----------------|
| Vinton Construction             | \$1,302,282.27 | \$97,235.00  | \$1,399,517.27 |
| Feaker & Sons, Inc.             | \$1,317,784.00 | \$102,234.00 | \$1,420,018.00 |
| Dorner, Inc.                    | \$1,366,056.00 | \$101,813.00 | \$1,467,869.00 |
| Kruczek Construction, Inc.      | \$1,380,620.00 | \$100,861.81 | \$1,481,481.81 |
| Advance Construction, Inc.      | \$1,389,271.50 | \$97,235.00  | \$1,486,506.50 |
| Wood Sewer and Excavating, Inc. | \$1,401,364.00 | \$131,475.00 | \$1,532,839.00 |
| Jossart Brothers, Inc.          | \$1,430,523.00 | \$104,345.00 | \$1,534,868.00 |
| PTS Construction, Inc.          | \$1,526,158.00 | \$99,500.00  | \$1,625,658.00 |
| Carl Bowers & Sons              | \$1,525,555.00 | \$106,455.00 | \$1,632,010.00 |

The allocated amount from the capital improvement budget is \$1,630,000 from TID 10. This includes \$1,379,000 for construction and \$251,000 for engineering and administration. With the alternate bid, the project is slightly over budget. There are two options for the project.

- Option 1 – Allocate additional funds to the project from TID 10 and include the alternate bid. The funds will be as follows:
  - Construction - \$20,517
  - Engineering and Administration - \$3,160
  - Contingency (2.5%) - \$34,988
  - Total - \$58,665
- Option 2 – Eliminate the street light replacement. There is no change in budget with this scenario. These street lights are owned by the City and approximately 40 years old. The lights will be replaced by LED lights which will significantly decrease the City's cost for operation.

Staff recommends Option 1 with the contract being awarded to Vinton Construction in the amount of \$1,399,517.27 and an additional \$58,665 be allocated from TID 10 to the project.

**PROJECT 19-18 PROSPER STREET AND ENTERPRISE DRIVE  
RECONSTRUCTION AND UTILITY RELAY  
BID TAB**



|                     |                                                                                    |      |        | BIDDER NO. 1        |               | BIDDER NO. 2            |               | BIDDER NO. 3 |               |
|---------------------|------------------------------------------------------------------------------------|------|--------|---------------------|---------------|-------------------------|---------------|--------------|---------------|
|                     |                                                                                    |      |        | Vinton Construction |               | Feaker & Sons Co., Inc. |               | Dorner, Inc. |               |
| ITEM                | DESCRIPTION                                                                        | UNIT | QTY    | UNIT PRICE          | AMOUNT BID    | UNIT PRICE              | AMOUNT BID    | UNIT PRICE   | AMOUNT BID    |
| SANITARY SEWER      |                                                                                    |      |        |                     |               |                         |               |              |               |
| SS-01               | Remove and Relay 6" or 4" PVC Sanitary Lateral                                     | LF   | 320    | \$ 91.00            | \$ 29,120.00  | \$ 90.00                | \$ 28,800.00  | \$ 100.00    | \$ 32,000.00  |
| SS-02               | Provide 6" or 4" Saddle to Existing Sanitary Sewer                                 | EA   | 8      | \$ 1,228.00         | \$ 9,824.00   | \$ 500.00               | \$ 4,000.00   | \$ 1,000.00  | \$ 8,000.00   |
| SS-03               | Dig Down to Verify Lateral Material and Size                                       | EA   | 8      | \$ 1,475.00         | \$ 11,800.00  | \$ 700.00               | \$ 5,600.00   | \$ 600.00    | \$ 4,800.00   |
| STORM SEWER         |                                                                                    |      |        |                     |               |                         |               |              |               |
| ST-01               | Remove and Replace 12" PVC or RCP (Class III) Storm Sewer                          | LF   | 50     | \$ 78.00            | \$ 3,900.00   | \$ 65.00                | \$ 3,250.00   | \$ 88.00     | \$ 4,400.00   |
| ST-02               | Remove and Replace 4" Diameter Storm Manhole                                       | VF   | 8      | \$ 450.00           | \$ 3,600.00   | \$ 500.00               | \$ 4,000.00   | \$ 545.00    | \$ 4,360.00   |
| ST-03               | Remove and Replace Type B Inlet                                                    | EA   | 3      | \$ 1,650.00         | \$ 4,950.00   | \$ 2,500.00             | \$ 7,500.00   | \$ 1,969.00  | \$ 5,907.00   |
| ST-04               | Dig Down and Pour Crown on Storm Sewer Utility Hit (48" Storm Sewer)               | EA   | 3      | \$ 1,300.00         | \$ 3,900.00   | \$ 800.00               | \$ 2,400.00   | \$ 1,096.00  | \$ 3,288.00   |
| WATERMAIN           |                                                                                    |      |        |                     |               |                         |               |              |               |
| W-01                | Provide 16" PVC Water Main (Granular Backfill)                                     | LF   | 2,200  | \$ 107.90           | \$ 237,380.00 | \$ 104.00               | \$ 228,800.00 | \$ 125.00    | \$ 275,000.00 |
| W-02                | Provide 16" PVC Water Main (Natural Backfill)                                      | LF   | 150    | \$ 87.30            | \$ 13,095.00  | \$ 78.00                | \$ 11,700.00  | \$ 85.00     | \$ 12,750.00  |
| W-03                | Provide 12" PVC Water Main (Granular Backfill)                                     | LF   | 60     | \$ 124.50           | \$ 7,470.00   | \$ 110.00               | \$ 6,600.00   | \$ 145.00    | \$ 8,700.00   |
| W-04                | Provide 10" PVC Water Main for Water Service                                       | LF   | 25     | \$ 138.15           | \$ 3,453.75   | \$ 106.00               | \$ 2,650.00   | \$ 140.00    | \$ 3,500.00   |
| W-05                | Provide 8" PVC Water Main for Water Service                                        | LF   | 60     | \$ 125.40           | \$ 7,524.00   | \$ 93.00                | \$ 5,580.00   | \$ 125.00    | \$ 7,500.00   |
| W-06                | Provide 6" PVC Hydrant Lead or Water Service                                       | LF   | 120    | \$ 79.10            | \$ 9,492.00   | \$ 85.00                | \$ 10,200.00  | \$ 108.00    | \$ 12,960.00  |
| W-07                | Provide 2" Corporation with Plug/Saddle with 2" HDPE                               | EA   | 2      | \$ 2,539.00         | \$ 5,078.00   | \$ 1,350.00             | \$ 2,700.00   | \$ 2,171.00  | \$ 4,342.00   |
| W-08                | Provide 1.5" HDPE Water Service                                                    | LF   | 25     | \$ 79.00            | \$ 1,975.00   | \$ 75.00                | \$ 1,875.00   | \$ 79.00     | \$ 1,975.00   |
| W-09                | Provide 1.5" Corporation and Curb Stop                                             | EA   | 1      | \$ 1,025.00         | \$ 1,025.00   | \$ 850.00               | \$ 850.00     | \$ 1,340.00  | \$ 1,340.00   |
| W-10                | Provide 1" HDPE Water Service                                                      | LF   | 320    | \$ 70.60            | \$ 22,592.00  | \$ 65.00                | \$ 20,800.00  | \$ 90.00     | \$ 28,800.00  |
| W-11                | Provide 1" Corporation and Curb Stop                                               | EA   | 10     | \$ 630.00           | \$ 6,300.00   | \$ 535.00               | \$ 5,350.00   | \$ 957.00    | \$ 9,570.00   |
| W-12                | Provide 16" Butterfly Valve                                                        | EA   | 3      | \$ 3,767.00         | \$ 11,301.00  | \$ 3,450.00             | \$ 10,350.00  | \$ 3,758.00  | \$ 11,274.00  |
| W-13                | Provide 10" Gate Valve                                                             | EA   | 1      | \$ 2,452.00         | \$ 2,452.00   | \$ 2,200.00             | \$ 2,200.00   | \$ 2,398.00  | \$ 2,398.00   |
| W-14                | Provide 8" Gate Valve                                                              | EA   | 1      | \$ 1,742.00         | \$ 1,742.00   | \$ 1,575.00             | \$ 1,575.00   | \$ 1,687.00  | \$ 1,687.00   |
| W-15                | Provide 6" Gate Valve                                                              | EA   | 6      | \$ 1,303.00         | \$ 7,818.00   | \$ 1,225.00             | \$ 7,350.00   | \$ 1,255.00  | \$ 7,530.00   |
| W-16                | Provide Hydrant 7.0' Bury                                                          | EA   | 5      | \$ 4,623.00         | \$ 23,115.00  | \$ 3,750.00             | \$ 18,750.00  | \$ 4,081.00  | \$ 20,405.00  |
| W-17                | Provide Connection to Existing Water Main                                          | EA   | 4      | \$ 3,317.00         | \$ 13,268.00  | \$ 2,500.00             | \$ 10,000.00  | \$ 2,442.00  | \$ 9,768.00   |
| W-18                | Provide Watermain 1/2 Offset                                                       | EA   | 1      | \$ 4,071.00         | \$ 4,071.00   | \$ 3,265.00             | \$ 3,265.00   | \$ 2,920.00  | \$ 2,920.00   |
| W-19                | Dig Down and Verify Water Lateral Size and Material                                | EA   | 13     | \$ 1,475.00         | \$ 19,175.00  | \$ 750.00               | \$ 9,750.00   | \$ 600.00    | \$ 7,800.00   |
| W-20                | Abandon/Remove Water Main and Appurtenances                                        | LS   | 1      | \$ 10,990.00        | \$ 10,990.00  | \$ 8,600.00             | \$ 8,600.00   | \$ 11,114.00 | \$ 11,114.00  |
| STREET AND DRAINAGE |                                                                                    |      |        |                     |               |                         |               |              |               |
| SD-01               | Unclassified Excavation                                                            | CY   | 5,300  | \$ 10.85            | \$ 57,505.00  | \$ 11.40                | \$ 60,420.00  | \$ 11.00     | \$ 58,300.00  |
| SD-02               | Provide 1 1/4" Crushed Aggregate Base Course                                       | TON  | 8,500  | \$ 8.50             | \$ 72,250.00  | \$ 8.95                 | \$ 76,075.00  | \$ 9.00      | \$ 76,500.00  |
| SD-03               | Provide Asphalt Patch (Driveway)                                                   | SY   | 90     | \$ 80.00            | \$ 7,200.00   | \$ 68.85                | \$ 6,196.50   | \$ 69.00     | \$ 6,210.00   |
| SD-04               | Provide 24" Integral Curb                                                          | LF   | 4,500  | \$ 15.50            | \$ 69,750.00  | \$ 16.30                | \$ 73,350.00  | \$ 16.00     | \$ 72,000.00  |
| SD-05               | Remove Concrete Pavement with integral curb                                        | SY   | 11,500 | \$ 3.50             | \$ 40,250.00  | \$ 6.25                 | \$ 71,875.00  | \$ 4.00      | \$ 46,000.00  |
| SD-06               | Remove Asphaltic Concrete Pavement (Driveway)                                      | SY   | 775    | \$ 3.60             | \$ 2,790.00   | \$ 4.00                 | \$ 3,100.00   | \$ 4.00      | \$ 3,100.00   |
| SD-07               | Remove Concrete Pavement (Driveway)                                                | SY   | 240    | \$ 3.60             | \$ 864.00     | \$ 3.80                 | \$ 912.00     | \$ 4.00      | \$ 960.00     |
| SD-08               | Provide 9-inch Doweled Concrete Pavement with Integral Curb and Gutter             | SY   | 8,200  | \$ 44.07            | \$ 361,374.00 | \$ 46.27                | \$ 379,414.00 | \$ 47.00     | \$ 385,400.00 |
| SD-09               | Provide 9-inch Doweled Concrete Pavement with Integral Curb and Gutter (HES-3 Day) | SY   | 1,450  | \$ 47.07            | \$ 68,251.50  | \$ 49.42                | \$ 71,659.00  | \$ 50.00     | \$ 72,500.00  |
| SD-10               | Provide 8-inch Concrete Driveway and Sidewalk                                      | SY   | 1,300  | \$ 63.90            | \$ 83,070.00  | \$ 67.10                | \$ 87,230.00  | \$ 67.00     | \$ 87,100.00  |
| SD-11               | Provide #4 Reinforcement Bars for Curb and Sidewalk                                | LF   | 100    | \$ 2.00             | \$ 200.00     | \$ 2.10                 | \$ 210.00     | \$ 2.00      | \$ 200.00     |
| SD-12               | Drilled Tie Bars                                                                   | EA   | 50     | \$ 10.00            | \$ 500.00     | \$ 10.50                | \$ 525.00     | \$ 11.00     | \$ 550.00     |
| SD-13               | Landscaping-Topsoil, Seed, Fertilizer and Mulch                                    | SY   | 2,500  | \$ 10.75            | \$ 26,875.00  | \$ 11.30                | \$ 28,250.00  | \$ 11.00     | \$ 27,500.00  |
| IAL                 |                                                                                    |      |        |                     |               |                         |               |              |               |
| SC-01               | Pipe Foundation Stabilization                                                      | CY   | 100    | \$ 35.00            | \$ 3,500.00   | \$ 20.00                | \$ 2,000.00   | \$ 19.00     | \$ 1,900.00   |
| SC-02               | Inlet Protection                                                                   | EA   | 15     | \$ 110.00           | \$ 1,650.00   | \$ 100.00               | \$ 1,500.00   | \$ 96.00     | \$ 1,440.00   |
| SC-03               | Tracking Pad                                                                       | EA   | 2      | \$ 0.01             | \$ 0.02       | \$ 1,800.00             | \$ 3,600.00   | \$ 1,027.00  | \$ 2,054.00   |

Attachment: 2019 0328 CE 19-18 Bid Tab (8087 : Consider Award of Contract 19-18 Prosper St &

**PROJECT 19-18 PROSPER STREET AND ENTERPRISE DRIVE  
RECONSTRUCTION AND UTILITY RELAY  
BID TAB**



| ITEM  | DESCRIPTION                  | UNIT | QTY | BIDDER NO. 1        |                        | BIDDER NO. 2            |                        | BIDDER NO. 3 |                        |
|-------|------------------------------|------|-----|---------------------|------------------------|-------------------------|------------------------|--------------|------------------------|
|       |                              |      |     | Vinton Construction |                        | Feaker & Sons Co., Inc. |                        | Dorner, Inc. |                        |
|       |                              |      |     | UNIT PRICE          | AMOUNT BID             | UNIT PRICE              | AMOUNT BID             | UNIT PRICE   | AMOUNT BID             |
| SC-04 | Adjust Inlet                 | EA   | 6   | \$ 400.00           | \$ 2,400.00            | \$ 420.00               | \$ 2,520.00            | \$ 751.00    | \$ 4,506.00            |
| SC-05 | Adjust Manhole               | EA   | 2   | \$ 400.00           | \$ 800.00              | \$ 420.00               | \$ 840.00              | \$ 871.00    | \$ 1,742.00            |
| SC-06 | Reconstruct Manhole          | VF   | 4   | \$ 473.00           | \$ 1,892.00            | \$ 650.00               | \$ 2,600.00            | \$ 585.00    | \$ 2,340.00            |
| SC-07 | Traffic Control              | LS   | 1   | \$ 19,500.00        | \$ 19,500.00           | \$ 10,000.00            | \$ 10,000.00           | \$ 5,807.00  | \$ 5,807.00            |
| SC-08 | Traffic Control Detour Route | LS   | 1   | \$ 750.00           | \$ 750.00              | \$ 5,500.00             | \$ 5,500.00            | \$ 1,056.00  | \$ 1,056.00            |
| SC-09 | Salvage Fence and Replace    | LS   | 1   | \$ 4,500.00         | \$ 4,500.00            | \$ 5,512.50             | \$ 5,512.50            | \$ 4,803.00  | \$ 4,803.00            |
|       | <b>BASE BID TOTALS</b>       |      |     |                     | <b>\$ 1,302,282.27</b> |                         | <b>\$ 1,317,784.00</b> |              | <b>\$ 1,366,056.00</b> |

| ITEM  | DESCRIPTION                                                                                     | UNIT | QTY   | BIDDER NO. 1        |                        | BIDDER NO. 2  |                        | BIDDER NO. 3 |                        |
|-------|-------------------------------------------------------------------------------------------------|------|-------|---------------------|------------------------|---------------|------------------------|--------------|------------------------|
|       |                                                                                                 |      |       | Vinton Construction |                        | Feaker & Sons |                        | Dorner, Inc. |                        |
|       |                                                                                                 |      |       | UNIT PRICE          | AMOUNT BID             | UNIT PRICE    | AMOUNT BID             | UNIT PRICE   | AMOUNT BID             |
| SC-10 | Remove Existing Light Pole Base                                                                 | EA   | 13    | \$ 200.00           | \$ 2,600.00            | \$ 210.00     | \$ 2,730.00            | \$ 211.00    | \$ 2,743.00            |
| SC-11 | Remove Existing Light Pole (Salvage to City)                                                    | EA   | 13    | \$ 250.00           | \$ 3,250.00            | \$ 263.00     | \$ 3,419.00            | \$ 264.00    | \$ 3,432.00            |
| SC-12 | Conduit Rigid Nonmetallic Schedule 40, 2-Inch                                                   | LF   | 4,000 | \$ 5.00             | \$ 20,000.00           | \$ 5.25       | \$ 21,000.00           | \$ 5.00      | \$ 20,000.00           |
| SC-13 | Conduit Bored, 2-Inch                                                                           | LF   | 500   | \$ 18.00            | \$ 9,000.00            | \$ 19.00      | \$ 9,500.00            | \$ 19.00     | \$ 9,500.00            |
| SC-14 | Pull Box 24x42 Inch                                                                             | EA   | 5     | \$ 750.00           | \$ 3,750.00            | \$ 790.00     | \$ 3,950.00            | \$ 792.00    | \$ 3,960.00            |
| SC-15 | Concrete Base, Type 5                                                                           | EA   | 13    | \$ 750.00           | \$ 9,750.00            | \$ 790.00     | \$ 10,270.00           | \$ 792.00    | \$ 10,296.00           |
| SC-16 | Concrete Control Cabinet Base, Type L24                                                         | EA   | 1     | \$ 1,200.00         | \$ 1,200.00            | \$ 1,260.00   | \$ 1,260.00            | \$ 1,267.00  | \$ 1,267.00            |
| SC-17 | Electrical Wire Lighting 12 AWG                                                                 | LF   | 4,500 | \$ 0.55             | \$ 2,475.00            | \$ 0.58       | \$ 2,610.00            | \$ 1.00      | \$ 4,500.00            |
| SC-18 | Electrical Wire Lighting 4 AWG                                                                  | LF   | 6,000 | \$ 1.20             | \$ 7,200.00            | \$ 1.25       | \$ 7,500.00            | \$ 1.00      | \$ 6,000.00            |
| SC-19 | Electrical Service Meter Breaker Pedestal                                                       | LS   | 1     | \$ 1,200.00         | \$ 1,200.00            | \$ 1,260.00   | \$ 1,260.00            | \$ 1,267.00  | \$ 1,267.00            |
| SC-20 | Transformer Base Breakaway 11 1/2 Bolt Circle, Anodized Black with Factory Applied Black Finish | EA   | 13    | \$ 360.00           | \$ 4,680.00            | \$ 380.00     | \$ 4,940.00            | \$ 380.00    | \$ 4,940.00            |
| SC-21 | Poles Type 5-Aluminum, Anodized Black                                                           | EA   | 13    | \$ 1,350.00         | \$ 17,550.00           | \$ 1,420.00   | \$ 18,460.00           | \$ 1,425.00  | \$ 18,525.00           |
| SC-22 | Luminaire Arms Single Member 4-1/2 Inch Clamp, 8-foot, Anodized Black                           | EA   | 13    | \$ 260.00           | \$ 3,380.00            | \$ 275.00     | \$ 3,575.00            | \$ 274.00    | \$ 3,562.00            |
| SC-23 | Luminaires Utility LED C                                                                        | EA   | 13    | \$ 400.00           | \$ 5,200.00            | \$ 420.00     | \$ 5,460.00            | \$ 422.00    | \$ 5,486.00            |
| SC-24 | Lighting Control Cabinet, 120/240 24-inch                                                       | EA   | 1     | \$ 6,000.00         | \$ 6,000.00            | \$ 6,300.00   | \$ 6,300.00            | \$ 6,335.00  | \$ 6,335.00            |
|       | <b>ALTERNATE BID TOTALS</b>                                                                     |      |       |                     | <b>\$ 97,235.00</b>    |               | <b>\$ 102,234.00</b>   |              | <b>\$ 101,813.00</b>   |
|       | <b>BASE BID PLUS ALTERNATE BID TOTALS</b>                                                       |      |       |                     | <b>\$ 1,399,517.27</b> |               | <b>\$ 1,420,018.00</b> |              | <b>\$ 1,467,869.00</b> |



**PROJECT 19-18 PROSPER STREET AND ENTERPRISE DRIVE  
RECONSTRUCTION AND UTILITY RELAY  
BID TAB**



| ITEM                       | DESCRIPTION                                                                        | UNIT | QTY    | BIDDER NO. 4               |               | BIDDER NO. 5               |               | BIDDER NO. 6                  |               |
|----------------------------|------------------------------------------------------------------------------------|------|--------|----------------------------|---------------|----------------------------|---------------|-------------------------------|---------------|
|                            |                                                                                    |      |        | Kruczek Construction, Inc. |               | Advance Construction, Inc. |               | Wood Sewer & Excavating, Inc. |               |
|                            |                                                                                    |      |        | UNIT PRICE                 | AMOUNT BID    | UNIT PRICE                 | AMOUNT BID    | UNIT PRICE                    | AMOUNT BID    |
| <b>SANITARY SEWER</b>      |                                                                                    |      |        |                            |               |                            |               |                               |               |
| SS-01                      | Remove and Relay 6" or 4" PVC Sanitary Lateral                                     | LF   | 320    | \$ 140.00                  | \$ 44,800.00  | \$ 139.00                  | \$ 44,480.00  | \$ 96.00                      | \$ 30,720.00  |
| SS-02                      | Provide 6" or 4" Saddle to Existing Sanitary Sewer                                 | EA   | 8      | \$ 500.00                  | \$ 4,000.00   | \$ 2,100.00                | \$ 16,800.00  | \$ 1,500.00                   | \$ 12,000.00  |
| SS-03                      | Dig Down to Verify Lateral Material and Size                                       | EA   | 8      | \$ 800.00                  | \$ 6,400.00   | \$ 700.00                  | \$ 5,600.00   | \$ 600.00                     | \$ 4,800.00   |
| <b>STORM SEWER</b>         |                                                                                    |      |        |                            |               |                            |               |                               |               |
| ST-01                      | Remove and Replace 12" PVC or RCP (Class III) Storm Sewer                          | LF   | 50     | \$ 87.00                   | \$ 4,350.00   | \$ 130.00                  | \$ 6,500.00   | \$ 88.00                      | \$ 4,400.00   |
| ST-02                      | Remove and Replace 4" Diameter Storm Manhole                                       | VF   | 8      | \$ 1,200.00                | \$ 9,600.00   | \$ 1,207.00                | \$ 9,656.00   | \$ 500.00                     | \$ 4,000.00   |
| ST-03                      | Remove and Replace Type B Inlet                                                    | EA   | 3      | \$ 2,225.00                | \$ 6,675.00   | \$ 3,373.00                | \$ 10,119.00  | \$ 2,100.00                   | \$ 6,300.00   |
| ST-04                      | Dig Down and Pour Crown on Storm Sewer Utility Hit (48" Storm Sewer)               | EA   | 3      | \$ 1,800.00                | \$ 5,400.00   | \$ 2,500.00                | \$ 7,500.00   | \$ 1,300.00                   | \$ 3,900.00   |
| <b>WATERMAIN</b>           |                                                                                    |      |        |                            |               |                            |               |                               |               |
| W-01                       | Provide 16" PVC Water Main (Granular Backfill)                                     | LF   | 2,200  | \$ 121.00                  | \$ 266,200.00 | \$ 124.00                  | \$ 272,800.00 | \$ 138.00                     | \$ 303,600.00 |
| W-02                       | Provide 16" PVC Water Main (Natural Backfill)                                      | LF   | 150    | \$ 100.00                  | \$ 15,000.00  | \$ 96.25                   | \$ 14,437.50  | \$ 128.00                     | \$ 19,200.00  |
| W-03                       | Provide 12" PVC Water Main (Granular Backfill)                                     | LF   | 60     | \$ 125.00                  | \$ 7,500.00   | \$ 171.00                  | \$ 10,260.00  | \$ 130.00                     | \$ 7,800.00   |
| W-04                       | Provide 10" PVC Water Main for Water Service                                       | LF   | 25     | \$ 125.00                  | \$ 3,125.00   | \$ 163.20                  | \$ 4,080.00   | \$ 130.00                     | \$ 3,250.00   |
| W-05                       | Provide 8" PVC Water Main for Water Service                                        | LF   | 60     | \$ 125.00                  | \$ 7,500.00   | \$ 133.30                  | \$ 7,998.00   | \$ 120.00                     | \$ 7,200.00   |
| W-06                       | Provide 6" PVC Hydrant Lead or Water Service                                       | LF   | 120    | \$ 100.00                  | \$ 12,000.00  | \$ 119.00                  | \$ 14,280.00  | \$ 110.00                     | \$ 13,200.00  |
| W-07                       | Provide 2" Corporation with Plug/Saddle with 2" HDPE                               | EA   | 2      | \$ 2,500.00                | \$ 5,000.00   | \$ 2,100.00                | \$ 4,200.00   | \$ 2,400.00                   | \$ 4,800.00   |
| W-08                       | Provide 1.5" HDPE Water Service                                                    | LF   | 25     | \$ 120.00                  | \$ 3,000.00   | \$ 61.00                   | \$ 1,525.00   | \$ 92.00                      | \$ 2,300.00   |
| W-09                       | Provide 1.5" Corporation and Curb Stop                                             | EA   | 1      | \$ 950.00                  | \$ 950.00     | \$ 1,095.00                | \$ 1,095.00   | \$ 1,100.00                   | \$ 1,100.00   |
| W-10                       | Provide 1" HDPE Water Service                                                      | LF   | 320    | \$ 108.00                  | \$ 34,560.00  | \$ 61.00                   | \$ 19,520.00  | \$ 82.00                      | \$ 26,240.00  |
| W-11                       | Provide 1" Corporation and Curb Stop                                               | EA   | 10     | \$ 525.00                  | \$ 5,250.00   | \$ 741.00                  | \$ 7,410.00   | \$ 860.00                     | \$ 8,600.00   |
| W-12                       | Provide 16" Butterfly Valve                                                        | EA   | 3      | \$ 4,300.00                | \$ 12,900.00  | \$ 3,500.00                | \$ 10,500.00  | \$ 3,900.00                   | \$ 11,700.00  |
| W-13                       | Provide 10" Gate Valve                                                             | EA   | 1      | \$ 2,500.00                | \$ 2,500.00   | \$ 2,232.00                | \$ 2,232.00   | \$ 2,600.00                   | \$ 2,600.00   |
| W-14                       | Provide 8" Gate Valve                                                              | EA   | 1      | \$ 1,750.00                | \$ 1,750.00   | \$ 1,585.00                | \$ 1,585.00   | \$ 1,800.00                   | \$ 1,800.00   |
| W-15                       | Provide 6" Gate Valve                                                              | EA   | 6      | \$ 1,400.00                | \$ 8,400.00   | \$ 1,170.00                | \$ 7,020.00   | \$ 1,500.00                   | \$ 9,000.00   |
| W-16                       | Provide Hydrant 7.0' Bury                                                          | EA   | 5      | \$ 4,375.00                | \$ 21,875.00  | \$ 4,107.00                | \$ 20,535.00  | \$ 3,990.00                   | \$ 19,950.00  |
| W-17                       | Provide Connection to Existing Water Main                                          | EA   | 4      | \$ 4,400.00                | \$ 17,600.00  | \$ 3,762.00                | \$ 15,048.00  | \$ 3,990.00                   | \$ 15,960.00  |
| W-18                       | Provide Watermain 1/2 Offset                                                       | EA   | 1      | \$ 5,000.00                | \$ 5,000.00   | \$ 4,812.00                | \$ 4,812.00   | \$ 8,650.00                   | \$ 8,650.00   |
| W-19                       | Dig Down and Verify Water Lateral Size and Material                                | EA   | 13     | \$ 800.00                  | \$ 10,400.00  | \$ 500.00                  | \$ 6,500.00   | \$ 600.00                     | \$ 7,800.00   |
| W-20                       | Abandon/Remove Water Main and Appurtenances                                        | LS   | 1      | \$ 15,000.00               | \$ 15,000.00  | \$ 26,400.00               | \$ 26,400.00  | \$ 28,000.00                  | \$ 28,000.00  |
| <b>STREET AND DRAINAGE</b> |                                                                                    |      |        |                            |               |                            |               |                               |               |
| SD-01                      | Unclassified Excavation                                                            | CY   | 5,300  | \$ 11.00                   | \$ 58,300.00  | \$ 10.85                   | \$ 57,505.00  | \$ 11.00                      | \$ 58,300.00  |
| SD-02                      | Provide 1 1/4" Crushed Aggregate Base Course                                       | TON  | 8,500  | \$ 8.75                    | \$ 74,375.00  | \$ 8.50                    | \$ 72,250.00  | \$ 9.00                       | \$ 76,500.00  |
| SD-03                      | Provide Asphalt Patch (Driveway)                                                   | SY   | 90     | \$ 65.00                   | \$ 5,850.00   | \$ 75.55                   | \$ 6,799.50   | \$ 90.00                      | \$ 8,100.00   |
| SD-04                      | Provide 24" Integral Curb                                                          | LF   | 4,500  | \$ 15.50                   | \$ 69,750.00  | \$ 15.50                   | \$ 69,750.00  | \$ 16.00                      | \$ 72,000.00  |
| SD-05                      | Remove Concrete Pavement with integral curb                                        | SY   | 11,500 | \$ 3.50                    | \$ 40,250.00  | \$ 3.50                    | \$ 40,250.00  | \$ 3.50                       | \$ 40,250.00  |
| SD-06                      | Remove Asphaltic Concrete Pavement (Driveway)                                      | SY   | 775    | \$ 4.00                    | \$ 3,100.00   | \$ 3.60                    | \$ 2,790.00   | \$ 3.60                       | \$ 2,790.00   |
| SD-07                      | Remove Concrete Pavement (Driveway)                                                | SY   | 240    | \$ 4.00                    | \$ 960.00     | \$ 3.60                    | \$ 864.00     | \$ 3.60                       | \$ 864.00     |
| SD-08                      | Provide 9-inch Doweled Concrete Pavement with Integral Curb and Gutter             | SY   | 8,200  | \$ 44.00                   | \$ 360,800.00 | \$ 44.07                   | \$ 361,374.00 | \$ 44.40                      | \$ 364,080.00 |
| SD-09                      | Provide 9-inch Doweled Concrete Pavement with Integral Curb and Gutter (HES-3 Day) | SY   | 1,450  | \$ 47.00                   | \$ 68,150.00  | \$ 47.07                   | \$ 68,251.50  | \$ 47.10                      | \$ 68,295.00  |
| SD-10                      | Provide 8-inch Concrete Driveway and Sidewalk                                      | SY   | 1,300  | \$ 64.00                   | \$ 83,200.00  | \$ 63.90                   | \$ 83,070.00  | \$ 63.90                      | \$ 83,070.00  |
| SD-11                      | Provide #4 Reinforcement Bars for Curb and Sidewalk                                | LF   | 100    | \$ 2.00                    | \$ 200.00     | \$ 2.00                    | \$ 200.00     | \$ 2.00                       | \$ 200.00     |
| SD-12                      | Drilled Tie Bars                                                                   | EA   | 50     | \$ 10.00                   | \$ 500.00     | \$ 10.00                   | \$ 500.00     | \$ 10.00                      | \$ 500.00     |
| SD-13                      | Landscaping-Topsoil, Seed, Fertilizer and Mulch                                    | SY   | 2,500  | \$ 10.75                   | \$ 26,875.00  | \$ 10.75                   | \$ 26,875.00  | \$ 10.75                      | \$ 26,875.00  |
| <b>IAL</b>                 |                                                                                    |      |        |                            |               |                            |               |                               |               |
| SC-01                      | Pipe Foundation Stabilization                                                      | CY   | 100    | \$ 202.00                  | \$ 20,200.00  | \$ 35.00                   | \$ 3,500.00   | \$ 40.00                      | \$ 4,000.00   |
| SC-02                      | Inlet Protection                                                                   | EA   | 15     | \$ 125.00                  | \$ 1,875.00   | \$ 110.00                  | \$ 1,650.00   | \$ 110.00                     | \$ 1,650.00   |
| SC-03                      | Tracking Pad                                                                       | EA   | 2      | \$ 1,500.00                | \$ 3,000.00   | \$ 1,500.00                | \$ 3,000.00   | \$ 850.00                     | \$ 1,700.00   |

Attachment: 2019 0328 CE 19-18 Bid Tab (8087 : Consider Award of Contract 19-18 Prosper St &

**PROJECT 19-18 PROSPER STREET AND ENTERPRISE DRIVE  
RECONSTRUCTION AND UTILITY RELAY  
BID TAB**



| ITEM  | DESCRIPTION                  | UNIT | QTY | BIDDER NO. 4               |                        | BIDDER NO. 5               |                        | BIDDER NO. 6                  |                        |
|-------|------------------------------|------|-----|----------------------------|------------------------|----------------------------|------------------------|-------------------------------|------------------------|
|       |                              |      |     | Kruczek Construction, Inc. |                        | Advance Construction, Inc. |                        | Wood Sewer & Excavating, Inc. |                        |
|       |                              |      |     | UNIT PRICE                 | AMOUNT BID             | UNIT PRICE                 | AMOUNT BID             | UNIT PRICE                    | AMOUNT BID             |
| SC-04 | Adjust Inlet                 | EA   | 6   | \$ 400.00                  | \$ 2,400.00            | \$ 400.00                  | \$ 2,400.00            | \$ 450.00                     | \$ 2,700.00            |
| SC-05 | Adjust Manhole               | EA   | 2   | \$ 400.00                  | \$ 800.00              | \$ 400.00                  | \$ 800.00              | \$ 750.00                     | \$ 1,500.00            |
| SC-06 | Reconstruct Manhole          | VF   | 4   | \$ 1,800.00                | \$ 7,200.00            | \$ 500.00                  | \$ 2,000.00            | \$ 780.00                     | \$ 3,120.00            |
| SC-07 | Traffic Control              | LS   | 1   | \$ 10,000.00               | \$ 10,000.00           | \$ 25,500.00               | \$ 25,500.00           | \$ 7,000.00                   | \$ 7,000.00            |
| SC-08 | Traffic Control Detour Route | LS   | 1   | \$ 1,000.00                | \$ 1,000.00            | \$ 1,000.00                | \$ 1,000.00            | \$ 3,000.00                   | \$ 3,000.00            |
| SC-09 | Salvage Fence and Replace    | LS   | 1   | \$ 5,100.00                | \$ 5,100.00            | \$ 6,050.00                | \$ 6,050.00            | \$ 6,000.00                   | \$ 6,000.00            |
|       | <b>BASE BID TOTALS</b>       |      |     |                            | <b>\$ 1,380,620.00</b> |                            | <b>\$ 1,389,271.50</b> |                               | <b>\$ 1,401,364.00</b> |

| ITEM  | DESCRIPTION                                                                                     | UNIT | QTY   | BIDDER NO. 4               |                        | BIDDER NO. 5               |                        | BIDDER NO. 6                  |                        |
|-------|-------------------------------------------------------------------------------------------------|------|-------|----------------------------|------------------------|----------------------------|------------------------|-------------------------------|------------------------|
|       |                                                                                                 |      |       | Kruczek Construction, Inc. |                        | Advance Construction, Inc. |                        | Wood Sewer & Excavating, Inc. |                        |
|       |                                                                                                 |      |       | UNIT PRICE                 | AMOUNT BID             | UNIT PRICE                 | AMOUNT BID             | UNIT PRICE                    | AMOUNT BID             |
| SC-10 | Remove Existing Light Pole Base                                                                 | EA   | 13    | \$ 200.00                  | \$ 2,600.00            | \$ 200.00                  | \$ 2,600.00            | \$ 200.00                     | \$ 2,600.00            |
| SC-11 | Remove Existing Light Pole (Salvage to City)                                                    | EA   | 13    | \$ 250.00                  | \$ 3,250.00            | \$ 250.00                  | \$ 3,250.00            | \$ 175.00                     | \$ 2,275.00            |
| SC-12 | Conduit Rigid Nonmetallic Schedule 40, 2-Inch                                                   | LF   | 4,000 | \$ 5.00                    | \$ 20,000.00           | \$ 5.00                    | \$ 20,000.00           | \$ 7.00                       | \$ 28,000.00           |
| SC-13 | Conduit Bored, 2-Inch                                                                           | LF   | 500   | \$ 18.00                   | \$ 9,000.00            | \$ 18.00                   | \$ 9,000.00            | \$ 29.00                      | \$ 14,500.00           |
| SC-14 | Pull Box 24x42 Inch                                                                             | EA   | 5     | \$ 800.00                  | \$ 4,000.00            | \$ 750.00                  | \$ 3,750.00            | \$ 940.00                     | \$ 4,700.00            |
| SC-15 | Concrete Base, Type 5                                                                           | EA   | 13    | \$ 800.00                  | \$ 10,400.00           | \$ 750.00                  | \$ 9,750.00            | \$ 935.00                     | \$ 12,155.00           |
| SC-16 | Concrete Control Cabinet Base, Type L24                                                         | EA   | 1     | \$ 1,500.00                | \$ 1,500.00            | \$ 1,200.00                | \$ 1,200.00            | \$ 1,165.00                   | \$ 1,165.00            |
| SC-17 | Electrical Wire Lighting 12 AWG                                                                 | LF   | 4,500 | \$ 0.60                    | \$ 2,700.00            | \$ 0.55                    | \$ 2,475.00            | \$ 1.00                       | \$ 4,500.00            |
| SC-18 | Electrical Wire Lighting 4 AWG                                                                  | LF   | 6,000 | \$ 1.25                    | \$ 7,500.00            | \$ 1.20                    | \$ 7,200.00            | \$ 2.00                       | \$ 12,000.00           |
| SC-19 | Electrical Service Meter Breaker Pedestal                                                       | LS   | 1     | \$ 1,736.81                | \$ 1,736.81            | \$ 1,200.00                | \$ 1,200.00            | \$ 1,500.00                   | \$ 1,500.00            |
| SC-20 | Transformer Base Breakaway 11 1/2 Bolt Circle, Anodized Black with Factory Applied Black Finish | EA   | 13    | \$ 400.00                  | \$ 5,200.00            | \$ 360.00                  | \$ 4,680.00            | \$ 575.00                     | \$ 7,475.00            |
| SC-21 | Poles Type 5-Aluminum, Anodized Black                                                           | EA   | 13    | \$ 1,400.00                | \$ 18,200.00           | \$ 1,350.00                | \$ 17,550.00           | \$ 1,685.00                   | \$ 21,905.00           |
| SC-22 | Luminaire Arms Single Member 4-1/2 Inch Clamp, 8-foot, Anodized Black                           | EA   | 13    | \$ 275.00                  | \$ 3,575.00            | \$ 260.00                  | \$ 3,380.00            | \$ 400.00                     | \$ 5,200.00            |
| SC-23 | Luminaires Utility LED C                                                                        | EA   | 13    | \$ 400.00                  | \$ 5,200.00            | \$ 400.00                  | \$ 5,200.00            | \$ 500.00                     | \$ 6,500.00            |
| SC-24 | Lighting Control Cabinet, 120/240 24-inch                                                       | EA   | 1     | \$ 6,000.00                | \$ 6,000.00            | \$ 6,000.00                | \$ 6,000.00            | \$ 7,000.00                   | \$ 7,000.00            |
|       | <b>ALTERNATE BID TOTALS</b>                                                                     |      |       |                            | <b>\$ 100,861.81</b>   |                            | <b>\$ 97,235.00</b>    |                               | <b>\$ 131,475.00</b>   |
|       | <b>BASE BID PLUS ALTERNATE BID TOTALS</b>                                                       |      |       |                            | <b>\$ 1,481,481.81</b> |                            | <b>\$ 1,486,506.50</b> |                               | <b>\$ 1,532,839.00</b> |

**PROJECT 19-18 PROSPER STREET AND ENTERPRISE DRIVE  
RECONSTRUCTION AND UTILITY RELAY  
BID TAB**



| ITEM                       | DESCRIPTION                                                                        | UNIT | QTY    | BIDDER NO. 7           |               | BIDDER NO. 8           |               | BIDDER NO. 9       |               |
|----------------------------|------------------------------------------------------------------------------------|------|--------|------------------------|---------------|------------------------|---------------|--------------------|---------------|
|                            |                                                                                    |      |        | Jossart Brothers, Inc. |               | PTS Construction, Inc. |               | Carl Bowers & Sons |               |
|                            |                                                                                    |      |        | UNIT PRICE             | AMOUNT BID    | UNIT PRICE             | AMOUNT BID    | UNIT PRICE         | AMOUNT BID    |
| <b>SANITARY SEWER</b>      |                                                                                    |      |        |                        |               |                        |               |                    |               |
| SS-01                      | Remove and Relay 6" or 4" PVC Sanitary Lateral                                     | LF   | 320    | \$ 115.00              | \$ 36,800.00  | \$ 170.00              | \$ 54,400.00  | \$ 90.00           | \$ 28,800.00  |
| SS-02                      | Provide 6" or 4" Saddle to Existing Sanitary Sewer                                 | EA   | 8      | \$ 750.00              | \$ 6,000.00   | \$ 290.00              | \$ 2,320.00   | \$ 1,000.00        | \$ 8,000.00   |
| SS-03                      | Dig Down to Verify Lateral Material and Size                                       | EA   | 8      | \$ 500.00              | \$ 4,000.00   | \$ 1,400.00            | \$ 11,200.00  | \$ 500.00          | \$ 4,000.00   |
| <b>STORM SEWER</b>         |                                                                                    |      |        |                        |               |                        |               |                    |               |
| ST-01                      | Remove and Replace 12" PVC or RCP (Class III) Storm Sewer                          | LF   | 50     | \$ 75.00               | \$ 3,750.00   | \$ 147.00              | \$ 7,350.00   | \$ 90.00           | \$ 4,500.00   |
| ST-02                      | Remove and Replace 4" Diameter Storm Manhole                                       | VF   | 8      | \$ 825.00              | \$ 6,600.00   | \$ 885.00              | \$ 7,080.00   | \$ 500.00          | \$ 4,000.00   |
| ST-03                      | Remove and Replace Type B Inlet                                                    | EA   | 3      | \$ 2,500.00            | \$ 7,500.00   | \$ 3,360.00            | \$ 10,080.00  | \$ 2,500.00        | \$ 7,500.00   |
| ST-04                      | Dig Down and Pour Crown on Storm Sewer Utility Hit (48" Storm Sewer)               | EA   | 3      | \$ 1,600.00            | \$ 4,800.00   | \$ 1,865.00            | \$ 5,595.00   | \$ 2,000.00        | \$ 6,000.00   |
| <b>WATERMAIN</b>           |                                                                                    |      |        |                        |               |                        |               |                    |               |
| W-01                       | Provide 16" PVC Water Main (Granular Backfill)                                     | LF   | 2,200  | \$ 138.00              | \$ 303,600.00 | \$ 165.00              | \$ 363,000.00 | \$ 162.00          | \$ 356,400.00 |
| W-02                       | Provide 16" PVC Water Main (Natural Backfill)                                      | LF   | 150    | \$ 95.00               | \$ 14,250.00  | \$ 117.00              | \$ 17,550.00  | \$ 145.00          | \$ 21,750.00  |
| W-03                       | Provide 12" PVC Water Main (Granular Backfill)                                     | LF   | 60     | \$ 125.00              | \$ 7,500.00   | \$ 160.00              | \$ 9,600.00   | \$ 125.00          | \$ 7,500.00   |
| W-04                       | Provide 10" PVC Water Main for Water Service                                       | LF   | 25     | \$ 135.00              | \$ 3,375.00   | \$ 207.00              | \$ 5,175.00   | \$ 120.00          | \$ 3,000.00   |
| W-05                       | Provide 8" PVC Water Main for Water Service                                        | LF   | 60     | \$ 130.00              | \$ 7,800.00   | \$ 192.00              | \$ 11,520.00  | \$ 114.00          | \$ 6,840.00   |
| W-06                       | Provide 6" PVC Hydrant Lead or Water Service                                       | LF   | 120    | \$ 95.00               | \$ 11,400.00  | \$ 170.00              | \$ 20,400.00  | \$ 95.00           | \$ 11,400.00  |
| W-07                       | Provide 2" Corporation with Plug/Saddle with 2" HDPE                               | EA   | 2      | \$ 1,700.00            | \$ 3,400.00   | \$ 1,470.00            | \$ 2,940.00   | \$ 1,700.00        | \$ 3,400.00   |
| W-08                       | Provide 1.5" HDPE Water Service                                                    | LF   | 25     | \$ 95.00               | \$ 2,375.00   | \$ 165.00              | \$ 4,125.00   | \$ 78.00           | \$ 1,950.00   |
| W-09                       | Provide 1.5" Corporation and Curb Stop                                             | EA   | 1      | \$ 920.00              | \$ 920.00     | \$ 1,175.00            | \$ 1,175.00   | \$ 1,800.00        | \$ 1,800.00   |
| W-10                       | Provide 1" HDPE Water Service                                                      | LF   | 320    | \$ 94.00               | \$ 30,080.00  | \$ 165.00              | \$ 52,800.00  | \$ 72.00           | \$ 23,040.00  |
| W-11                       | Provide 1" Corporation and Curb Stop                                               | EA   | 10     | \$ 510.00              | \$ 5,100.00   | \$ 630.00              | \$ 6,300.00   | \$ 1,500.00        | \$ 15,000.00  |
| W-12                       | Provide 16" Butterfly Valve                                                        | EA   | 3      | \$ 4,200.00            | \$ 12,600.00  | \$ 4,000.00            | \$ 12,000.00  | \$ 4,200.00        | \$ 12,600.00  |
| W-13                       | Provide 10" Gate Valve                                                             | EA   | 1      | \$ 2,500.00            | \$ 2,500.00   | \$ 2,300.00            | \$ 2,300.00   | \$ 2,800.00        | \$ 2,800.00   |
| W-14                       | Provide 8" Gate Valve                                                              | EA   | 1      | \$ 1,800.00            | \$ 1,800.00   | \$ 1,665.00            | \$ 1,665.00   | \$ 2,100.00        | \$ 2,100.00   |
| W-15                       | Provide 6" Gate Valve                                                              | EA   | 6      | \$ 1,300.00            | \$ 7,800.00   | \$ 1,215.00            | \$ 7,290.00   | \$ 1,400.00        | \$ 8,400.00   |
| W-16                       | Provide Hydrant 7.0' Bury                                                          | EA   | 5      | \$ 4,000.00            | \$ 20,000.00  | \$ 4,250.00            | \$ 21,250.00  | \$ 4,000.00        | \$ 20,000.00  |
| W-17                       | Provide Connection to Existing Water Main                                          | EA   | 4      | \$ 4,500.00            | \$ 18,000.00  | \$ 3,600.00            | \$ 14,400.00  | \$ 3,500.00        | \$ 14,000.00  |
| W-18                       | Provide Watermain 1/2 Offset                                                       | EA   | 1      | \$ 4,000.00            | \$ 4,000.00   | \$ 7,425.00            | \$ 7,425.00   | \$ 3,000.00        | \$ 3,000.00   |
| W-19                       | Dig Down and Verify Water Lateral Size and Material                                | EA   | 13     | \$ 400.00              | \$ 5,200.00   | \$ 1,400.00            | \$ 18,200.00  | \$ 500.00          | \$ 6,500.00   |
| W-20                       | Abandon/Remove Water Main and Appurtenances                                        | LS   | 1      | \$ 14,000.00           | \$ 14,000.00  | \$ 4,660.00            | \$ 4,660.00   | \$ 10,000.00       | \$ 10,000.00  |
| <b>STREET AND DRAINAGE</b> |                                                                                    |      |        |                        |               |                        |               |                    |               |
| SD-01                      | Unclassified Excavation                                                            | CY   | 5,300  | \$ 11.50               | \$ 60,950.00  | \$ 11.00               | \$ 58,300.00  | \$ 12.25           | \$ 64,925.00  |
| SD-02                      | Provide 1 1/4" Crushed Aggregate Base Course                                       | TON  | 8,500  | \$ 9.00                | \$ 76,500.00  | \$ 9.00                | \$ 76,500.00  | \$ 11.80           | \$ 100,300.00 |
| SD-03                      | Provide Asphalt Patch (Driveway)                                                   | SY   | 90     | \$ 82.00               | \$ 7,380.00   | \$ 68.00               | \$ 6,120.00   | \$ 105.00          | \$ 9,450.00   |
| SD-04                      | Provide 24" Integral Curb                                                          | LF   | 4,500  | \$ 16.50               | \$ 74,250.00  | \$ 16.00               | \$ 72,000.00  | \$ 17.00           | \$ 76,500.00  |
| SD-05                      | Remove Concrete Pavement with integral curb                                        | SY   | 11,500 | \$ 6.00                | \$ 69,000.00  | \$ 3.60                | \$ 41,400.00  | \$ 5.75            | \$ 66,125.00  |
| SD-06                      | Remove Asphaltic Concrete Pavement (Driveway)                                      | SY   | 775    | \$ 3.80                | \$ 2,945.00   | \$ 4.00                | \$ 3,100.00   | \$ 8.00            | \$ 6,200.00   |
| SD-07                      | Remove Concrete Pavement (Driveway)                                                | SY   | 240    | \$ 3.80                | \$ 912.00     | \$ 3.70                | \$ 888.00     | \$ 10.00           | \$ 2,400.00   |
| SD-08                      | Provide 9-inch Doweled Concrete Pavement with Integral Curb and Gutter             | SY   | 8,200  | \$ 46.50               | \$ 381,300.00 | \$ 45.00               | \$ 369,000.00 | \$ 48.00           | \$ 393,600.00 |
| SD-09                      | Provide 9-inch Doweled Concrete Pavement with Integral Curb and Gutter (HES-3 Day) | SY   | 1,450  | \$ 50.00               | \$ 72,500.00  | \$ 48.00               | \$ 69,600.00  | \$ 52.00           | \$ 75,400.00  |
| SD-10                      | Provide 8-inch Concrete Driveway and Sidewalk                                      | SY   | 1,300  | \$ 67.50               | \$ 87,750.00  | \$ 65.00               | \$ 84,500.00  | \$ 69.00           | \$ 89,700.00  |
| SD-11                      | Provide #4 Reinforcement Bars for Curb and Sidewalk                                | LF   | 100    | \$ 2.10                | \$ 210.00     | \$ 2.00                | \$ 200.00     | \$ 2.25            | \$ 225.00     |
| SD-12                      | Drilled Tie Bars                                                                   | EA   | 50     | \$ 10.50               | \$ 525.00     | \$ 10.00               | \$ 500.00     | \$ 11.00           | \$ 550.00     |
| SD-13                      | Landscaping-Topsoil, Seed, Fertilizer and Mulch                                    | SY   | 2,500  | \$ 11.50               | \$ 28,750.00  | \$ 11.00               | \$ 27,500.00  | \$ 8.00            | \$ 20,000.00  |
| <b>IAL</b>                 |                                                                                    |      |        |                        |               |                        |               |                    |               |
| SC-01                      | Pipe Foundation Stabilization                                                      | CY   | 100    | \$ 0.01                | \$ 1.00       | \$ 30.00               | \$ 3,000.00   | \$ 20.00           | \$ 2,000.00   |
| SC-02                      | Inlet Protection                                                                   | EA   | 15     | \$ 100.00              | \$ 1,500.00   | \$ 280.00              | \$ 4,200.00   | \$ 100.00          | \$ 1,500.00   |
| SC-03                      | Tracking Pad                                                                       | EA   | 2      | \$ 1,200.00            | \$ 2,400.00   | \$ 2,165.00            | \$ 4,330.00   | \$ 1,500.00        | \$ 3,000.00   |

Attachment: 2019 0328 CE 19-18 Bid Tab (8087 : Consider Award of Contract 19-18 Prosper St &

**PROJECT 19-18 PROSPER STREET AND ENTERPRISE DRIVE  
RECONSTRUCTION AND UTILITY RELAY  
BID TAB**



| ITEM  | DESCRIPTION                  | UNIT | QTY | BIDDER NO. 7           |                        | BIDDER NO. 8           |                        | BIDDER NO. 9       |                        |
|-------|------------------------------|------|-----|------------------------|------------------------|------------------------|------------------------|--------------------|------------------------|
|       |                              |      |     | Jossart Brothers, Inc. |                        | PTS Construction, Inc. |                        | Carl Bowers & Sons |                        |
|       |                              |      |     | UNIT PRICE             | AMOUNT BID             | UNIT PRICE             | AMOUNT BID             | UNIT PRICE         | AMOUNT BID             |
| SC-04 | Adjust Inlet                 | EA   | 6   | \$ 600.00              | \$ 3,600.00            | \$ 1,100.00            | \$ 6,600.00            | \$ 450.00          | \$ 2,700.00            |
| SC-05 | Adjust Manhole               | EA   | 2   | \$ 500.00              | \$ 1,000.00            | \$ 900.00              | \$ 1,800.00            | \$ 450.00          | \$ 900.00              |
| SC-06 | Reconstruct Manhole          | VF   | 4   | \$ 600.00              | \$ 2,400.00            | \$ 700.00              | \$ 2,800.00            | \$ 500.00          | \$ 2,000.00            |
| SC-07 | Traffic Control              | LS   | 1   | \$ 4,000.00            | \$ 4,000.00            | \$ 5,600.00            | \$ 5,600.00            | \$ 6,000.00        | \$ 6,000.00            |
| SC-08 | Traffic Control Detour Route | LS   | 1   | \$ 1,500.00            | \$ 1,500.00            | \$ 1,020.00            | \$ 1,020.00            | \$ 1,100.00        | \$ 1,100.00            |
| SC-09 | Salvage Fence and Replace    | LS   | 1   | \$ 6,000.00            | \$ 6,000.00            | \$ 5,400.00            | \$ 5,400.00            | \$ 6,700.00        | \$ 6,700.00            |
|       | <b>BASE BID TOTALS</b>       |      |     |                        | <b>\$ 1,430,523.00</b> |                        | <b>\$ 1,526,158.00</b> |                    | <b>\$ 1,525,555.00</b> |

| ITEM  | DESCRIPTION                                                                                     | UNIT | QTY   | BIDDER NO. 7           |                        | BIDDER NO. 8           |                        | BIDDER NO. 9                    |                        |
|-------|-------------------------------------------------------------------------------------------------|------|-------|------------------------|------------------------|------------------------|------------------------|---------------------------------|------------------------|
|       |                                                                                                 |      |       | Jossart Brothers, Inc. |                        | PTS Construction, Inc. |                        | Carl Bowers & Sons Construction |                        |
|       |                                                                                                 |      |       | UNIT PRICE             | AMOUNT BID             | UNIT PRICE             | AMOUNT BID             | UNIT PRICE                      | AMOUNT BID             |
| SC-10 | Remove Existing Light Pole Base                                                                 | EA   | 13    | \$ 220.00              | \$ 2,860.00            | \$ 205.00              | \$ 2,665.00            | \$ 220.00                       | \$ 2,860.00            |
| SC-11 | Remove Existing Light Pole (Salvage to City)                                                    | EA   | 13    | \$ 270.00              | \$ 3,510.00            | \$ 255.00              | \$ 3,315.00            | \$ 275.00                       | \$ 3,575.00            |
| SC-12 | Conduit Rigid Nonmetallic Schedule 40, 2-Inch                                                   | LF   | 4,000 | \$ 5.25                | \$ 21,000.00           | \$ 5.00                | \$ 20,000.00           | \$ 5.50                         | \$ 22,000.00           |
| SC-13 | Conduit Bored, 2-Inch                                                                           | LF   | 500   | \$ 19.00               | \$ 9,500.00            | \$ 18.00               | \$ 9,000.00            | \$ 19.80                        | \$ 9,900.00            |
| SC-14 | Pull Box 24x42 Inch                                                                             | EA   | 5     | \$ 800.00              | \$ 4,000.00            | \$ 765.00              | \$ 3,825.00            | \$ 825.00                       | \$ 4,125.00            |
| SC-15 | Concrete Base, Type 5                                                                           | EA   | 13    | \$ 800.00              | \$ 10,400.00           | \$ 765.00              | \$ 9,945.00            | \$ 825.00                       | \$ 10,725.00           |
| SC-16 | Concrete Control Cabinet Base, Type L24                                                         | EA   | 1     | \$ 1,300.00            | \$ 1,300.00            | \$ 1,225.00            | \$ 1,225.00            | \$ 1,300.00                     | \$ 1,300.00            |
| SC-17 | Electrical Wire Lighting 12 AWG                                                                 | LF   | 4,500 | \$ 0.60                | \$ 2,700.00            | \$ 0.60                | \$ 2,700.00            | \$ 0.60                         | \$ 2,700.00            |
| SC-18 | Electrical Wire Lighting 4 AWG                                                                  | LF   | 6,000 | \$ 1.30                | \$ 7,800.00            | \$ 1.25                | \$ 7,500.00            | \$ 1.30                         | \$ 7,800.00            |
| SC-19 | Electrical Service Meter Breaker Pedestal                                                       | LS   | 1     | \$ 1,300.00            | \$ 1,300.00            | \$ 1,225.00            | \$ 1,225.00            | \$ 1,300.00                     | \$ 1,300.00            |
| SC-20 | Transformer Base Breakaway 11 1/2 Bolt Circle, Anodized Black with Factory Applied Black Finish | EA   | 13    | \$ 380.00              | \$ 4,940.00            | \$ 366.00              | \$ 4,758.00            | \$ 400.00                       | \$ 5,200.00            |
| SC-21 | Poles Type 5-Aluminum, Anodized Black                                                           | EA   | 13    | \$ 1,500.00            | \$ 19,500.00           | \$ 1,400.00            | \$ 18,200.00           | \$ 1,460.00                     | \$ 18,980.00           |
| SC-22 | Luminaire Arms Single Member 4-1/2 Inch Clamp, 8-foot, Anodized Black                           | EA   | 13    | \$ 275.00              | \$ 3,575.00            | \$ 265.00              | \$ 3,445.00            | \$ 280.00                       | \$ 3,640.00            |
| SC-23 | Luminaires Utility LED C                                                                        | EA   | 13    | \$ 420.00              | \$ 5,460.00            | \$ 410.00              | \$ 5,330.00            | \$ 450.00                       | \$ 5,850.00            |
| SC-24 | Lighting Control Cabinet, 120/240 24-inch                                                       | EA   | 1     | \$ 6,500.00            | \$ 6,500.00            | \$ 6,367.00            | \$ 6,367.00            | \$ 6,500.00                     | \$ 6,500.00            |
|       | <b>ALTERNATE BID TOTALS</b>                                                                     |      |       |                        | <b>\$ 104,345.00</b>   |                        | <b>\$ 99,500.00</b>    |                                 | <b>\$ 106,455.00</b>   |
|       | <b>BASE BID PLUS ALTERNATE BID TOTALS</b>                                                       |      |       |                        | <b>\$ 1,534,868.00</b> |                        | <b>\$ 1,625,658.00</b> |                                 | <b>\$ 1,632,010.00</b> |