



OFFICIAL NOTICE AND AGENDA  
of a meeting of a City Board, Commission, Department  
Committee, Agency, Corporation, Quasi-Municipal  
Corporation, or Sub-unit thereof.

A Meeting of Wausau Water Works Commission will be held in the  
Council Chambers, 1st Floor City Hall, Wausau, WI 54403 at 1:30 p.m. on  
Tuesday, July 12<sup>th</sup>, 2022.

**Members: Katie Rosenberg (President), Dawn Herbst, Jim Force, Joe Gehin, John Robinson**

### AGENDA

1. Approve Minutes of June 7<sup>th</sup> & 20<sup>th</sup> 2022 Meetings.
2. Director's Report on Utility Operations
  - Wausau Drinking Water Plant Technicians Updates
  - Wastewater Treatment Plant Operating well
  - Vacant Positions- 1 Wastewater Plant Operations Technician 1 Collection Systems Technician (Sewer Maintainer)
  - Collection Systems Technician- Two Interviews, Job Offer declined with 1<sup>st</sup> candidate, Job Offer declined with 2<sup>nd</sup> candidate-advertising commenced once again week of June 11<sup>th</sup>
  - Wastewater Plant Operation- Two Interviews, awaiting response from candidate
  - Plant Construction continues to progress
3. Discussion and Possible Action Awarding the Lead Service Line (LSL) Inventory Analysis to CDM Smith as was an Option in their Initial Proposal.
4. Discussion and Possible Action on Utility Staff Wages and Discussion on Options for Wage Adjustments.
5. Discussion and Possible Action on the Water & Wastewater 2023-2027 Capital Improvements Plan (CIP).
6. Discussion and Possible Action on Contracting Water and Sewer Locates for Wausau Water Works.
7. Discussion and Possible Action on Approving a Budget and Proposal with Donahue & Associates for the Engineering Design of a Granular Activated Carbon (GAC) Treatment Process for the Drinking Water Treatment Facility.
8. Discussion on the Drinking Water Treatment Facility Construction and Update on Testing/Start up.
9. Discussion and Possible Action for Early Ordering of Piping and Appurtenance Materials for the 2023 Street Reconstruction Projects.
10. Discussion and Update on a Proposed Solar Array for the Drinking Water Treatment Facility.
11. Discussion on the One-time Charge for a Connection Fee to the City's Wastewater Collection System.

Adjourn.

*\*Next meeting scheduled for August 2<sup>nd</sup> 2022 at 1:30 P.M.*

Signed by: /s/ Katie Rosenberg, Mayor  
Presiding Officer or Designee

*This meeting is being held in person.* Members of the public who do not wish to appear in person may view the meeting live over the internet, cable TV, Channel 981, and a video is available in its entirety and can be accessed at <https://tinyurl.com/wausaucitycouncil>. Any person wishing to offer public comment not appearing in person may e-mail [gina.vang@ci.wausau.wi.us](mailto:gina.vang@ci.wausau.wi.us) with "Water Commission Public Comment" in the subject line prior to the meeting start. All public comment, either by email or in person, will be limited to items on the agenda at this time. The messages related to agenda items received prior to the start of the meeting will be provided to the Chair.

In accordance with the requirements of Title II of the Americans with Disabilities Act of 1990 (ADA), the City of Wausau will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs or activities. If you need assistance or reasonable accommodations in participating in this meeting or event due to a disability as defined under the ADA, please call the ADA Coordinator at (715) 261-6590 or [ADAServices@ci.wausau.wi.us](mailto:ADAServices@ci.wausau.wi.us) to discuss your accessibility needs. We ask your request be provided a minimum of 72 hours before the scheduled event or meeting. If a request is made less than 72 hours before the event the City of Wausau will make a good faith effort to accommodate your request.



## **Minutes of June 7<sup>th</sup>, 2022**

A meeting of the Wausau Water Works Commission was called to order at 1:30 p.m. in City Hall on Tuesday, June 7<sup>th</sup>, 2022. In compliance with Wisconsin Statutes, this meeting was posted and receipted for by the Wausau Daily Herald on June 3, 2022.

Members Present: President Rosenberg, Commissioners Force, Robinson

Others Present: Scott Boers, Ben Brooks, Valerie Swanborg, Stephen Opatik/ Becher-Hoppe, Susan Wojtkiewicz/Donohue, Evan Thomas/Wood

Via WebEx: Eric Lindman, Andrew Dow/Donohue, Eric Broce/Wood, Jack De Klerk/Wood, Hannah Albertus-Benham/Wood, Matthew Patterson/Becher-Hoppe,

### **1) Approve Minutes of May 3<sup>rd</sup> 2022 Meeting.**

Robinson motioned to approve minutes from May 3<sup>rd</sup> 2022 Commission Meeting.

Seconded by Force.

Motion carried 3-0.

### **2) Director's Report on Utility Operations.**

Robinson questioned if age was factored in the map for Lead Service Line Replacements and if we utilized GIS or any back database.

Boers replied our GIS map depicts older parts of town with criteria listed and in the next week we have a meeting to set up a plan regarding the Lead Service Line Replacement Program to identify gaps.

Force questioned if the critical sites were individual homes or neighbors and if we checked the schools and childcare centers.

Boers replied they were individual homes, the school district had no lead lines. We reached out to all registered daycares and were able to replace the ones that allowed us entry but some daycares didn't want to replace their services; these were replaced with 100% grant funding

Director's Report Placed on File.

### **3) Presentation, Discussion and Update on the Pilot Study Results (Donohue).**

Wojtkiewicz started with the update on the Pilot study results with slides presented by Dow regarding short/long term strategies. (See Packet on City's Website Calendar- page 27).

Robinson questioned the annualized basis of eligibility and reimbursement with the Utility if we move ahead with funds through the State.

Wojtkiewicz replied that the DNR has an "Intended use plan" that should open gates with intent to apply for funds that are available through bipartisan infrastructure law and that there would be various pots of money available through emerging contaminants allocation and additional funding through the safe drinking water loan program.

Robinson questioned if the water rates/costs were going to go up based upon commitments already made and the staging of those sequencing of those rate increases.

Swanborg stated we have all the stepped rate increases approved and implemented for the drinking water. There is one additional rate increase for wastewater only which will go into affect October 1, 2022. The utility will complete one final rate study as we go into the operation stage.

Robinson questioned if the EPA came out with a lower number instead of being 20ppt what if it were 5ppt or 2 ppt, what would that do to our costs?

Dow replied with the hypothetical goals below 20, the lead lag set up would be more significant. The operating cost would be in the upper portion of the range presented in the presentation, but we can't predict the bed life so it's hard to quantify, we use ranges instead of a standing number.

Robinson stated it's imperative that we get a financial analysis in place and what's eligible and what's not eligible for reimbursement, different scenarios and the (intent to apply) ITA process is not conducive if we miss the deadline. I think a special meeting is worthwhile to include the utility staff.

Rosenberg questioned if that financial analysis seemed feasible.

Lindman replied we borrowed money upfront, we do need a communication on finances. Will try to put as much information together to bring forth and may get Ehler's involved as they have been preparing for our rate cases.

Wojtkiewicz stated that with the financial planning, we can preserve the eligibility for the loan and can use the interim financing and build that into the planning. We can preserve the eligibility with permission and will work with staff and bring numbers back.

Robinson stated we need to do a scenario with or without interim financing. The ITA is a lengthy state process or do we fund all or part of the project on our own. Do we know what the market is with different resins and costs as technology expands and generally we could see competitive prices. Future proofing to best we can with issues that may come through in the future and permanency.

Rosenberg caps that Gina will be sending out a note if looking in about 2 weeks for a special meeting.

Director's Report Placed on File.

#### **4) Discussion and Possible Action Action on the Approval of the 2021 Compliance Maintenance Annual Report (CMAR)- Wastewater.**

Robinson moved to authorize the 2021 CMAR report. Seconded by Force.

Motion carried 3-0.

#### **5) Discussion on Employee Staffing, Recruitment/Retention and Wages.**

Lindman began that the Utility wages were below averages compared to our midpoint wages categorized as market.

Robinson stated the County is also doing a wage study and requested Rosenberg to bring back a report recommendation from administration to our next steps.

Rosenberg stated that the HR department are having big changes, it may not be at the next meeting but will work on that to make sure we are compensating appropriately.

#### **6) Adjourn.**

Motion to adjourn by Force. Seconded by Robinson.

*Link to view meeting in its entirety: <https://tinyurl.com/wausaucitycouncil>*

Gina Vang, Recording Secretary

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## **Minutes of June 20<sup>th</sup>, 2022**

A meeting of the Wausau Water Works Commission was called to order at 1:34 p.m. in City Hall on Monday, June 20<sup>th</sup>, 2022. In compliance with Wisconsin Statutes, this meeting was posted and receipted for by the Wausau Daily Herald on June 16, 2022.

Members Present: President Rosenberg, Commissioners Robinson, Dawn Herbst, Joe Gehin  
Others Present: Eric Lindman, Scott Boers, Anne Jacobson, Susan Wojtkiewicz/Donohue  
Via WebEx: Brian Roemer/Ehlers, Jon Cameron/Ehlers, Phil Cosson/Ehlers, Mike Gerbitz/Donohue, Andrew Dow/Donohue, Evan Thomas/Wood, Eric Broce/Wood, Jack De Klerk/Wood, Hannah Albertus-Benham/Wood, Matthew Patterson/Becher-Hoppe

### **1) Discussion and Possible Action on Funding Strategies for Managing PFAS in Wausau's Drinking Water.**

Roemer presented slides included in the packet.

Gehin questioned what the expected interest rate may be on an interim portion and the final carrying of the debt?

Roemer replied the interim financing is a movable target dependent on the type of financing and features and setting objectives. Revenue anticipation with Bond Buyer Index this week is about 3½ percent on a 20-year basis. There may be continued interest rate climbs and we could be looking at 3 ½- 4%. It's about a year and half to reach that maturity for the interim financing expectation. The Safe Drinking Water Fund Loan rate is set quarterly, all eligible projects will be at 55% of that market rate. You can get a 20-year rate and you can amortize that less than 20 years but they won't give you a smaller rate. We are anticipating a 20-year life cycle as discussed with the Engineers. Late 2023 may change quite a bit from now, we are currently at about 3% market rate, if the interest rates climb over the next year and half, it would be what the market rate would be at that time.

Wojtkiewicz stated there will be several Communities competing for the Emerging Contaminate Fund- there's \$12.8 million available each year for the next 5 years. With the regular Safe Drinking Water Loan Program- there's a large influx of money going into the program so we don't expect them to run out of money. DNR is trying to figure out how to spend the money for 2023. Per conversation with the DNR Staff- they will be sending out a survey asking for readiness and how to spend and maximize amount of funds available for the Communities.

Robinson questioned funding and timing with the new EPA's recommended Health Advisory. Last month we had \$16.5 million for Granular Activated Carbon (GAC) high towers and if you minus the congressionally designated funding, it takes it down to \$11.5 million. If we are successful in getting Emerging Contaminant Funding we will be at \$6.5 million. We were hoping to have discussion on each level and what it would do for our rates in addition to what operating expenses are beyond that. If the new standards are implemented, there will be higher demand and everyone will be running to get those dollars at a local treatment level. If

we are moving from 20parts per trillion (ppt) to 0.02ppt or 0.004ppt, we need to start discussing what our policy is as a utility, the timing on that and then approach financing options.

Rosenberg stated when we do turn the key the end of summer at the new Drinking Water Facility, it will be down to the 15ppt- that was our goal as a policy body when we first found out about PFAS, I'm not sure the funding on how quickly we can get down to the EPA's Health Advisory level but we can start with item#2 on the agenda.

No Action Taken.

## **2) Discussion on Revised USEPA Health Advisory Levels for PFAS in Drinking Water.**

Lindman stated that the Environmental Protection Agency (EPA) revised their health Advisory Levels to interim Health Advisory Levels (iHA) for Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonic Acid (PFOS). The new iHA's and are still under review with the EPA Science Board. The new iHA's for PFOA is .004 ppt and PFOS is at 0.02 ppt. What this means is that we cannot test to these low levels. Currently certified labs can test accurately down to 2.0 ppt so these two iHA's are below detectable levels from labs used throughout the nation. These iHA's are subject to change and based on the EPA Science Board review. The EPA stated they are on track to release recommended standards before year end with a federal Maximum Contaminant Levels (MCL). There are other instances where the drinking water Health Advisory Levels are established below what the standards would be. The reasoning is to ensure that when a contaminant is detected, communities and Drinking Water Advisories are able to be established for public notification. There is also a lot of information being researched regarding human health impacts over time and they don't have all that information as it is evolving, so as information comes forward, we will continue to update the Governing Body, Municipalities, and the Residents as we know more information.

Rosenberg asked with our phased approach, if we would get to the level of non-detect as our current plan is in place?

Lindman stated with the presentation Donahue gave with the idea of the large GAC, we would have a complete and redundant lead/lag system which would get Wausau to the non-detect level. We could take one of the legs out of service while the other one operated and change out the media and we could still maintain the non-detect level. Reading EPA's information, they felt GAC designs could reach these low levels but they did not release any detail on how they made that determination, but it is in writing, at the 4 parts per quadrillion.

Robinson questioned if we could stop the treatability study and just move to the GAC system. He questioned how the interim vs 12 feet large vessels would differ in looking at the lead/lag on a permanent basis and if we could accelerate the GAC system?

Lindman stated the continuation of the study is to determine how long the media lasts. The longer the pilot study the better we would understand when to change the media out or how many times we need to change it out, which impacts operational costs. We have been testing the anion exchange media that we put at the facility now. The anion regenerable media currently designed in the new facility will reduce PFAS to average levels of around 12-15ppt. We've looked at the type of funding and no matter how we look at it, it's about 18-24 months from design to construction completion. Based on funding criteria, contract requirements and bidding project requirements the process is long. This project does not warrant any sort of emergency so we can't bypass the criteria we need to accept Federal Funding. The funding we are pursuing has potential Forgivable Loan Programs coming through the DNR through the Safe Drinking Water Loan Program.

Wojtkiewicz stated the Safe Drinking Water Loan Program operates with the State Fiscal Year. Currently applications received through June 30<sup>th</sup> would be for State Fiscal Year 2023

but the DNR has not issued guidance on State Fiscal Year 2023 for Emerging Contaminant Funding. DNR is looking to reach out to Communities to understand the number of requests for 2023 funds through the Safe Drinking Water Loan Program and Environmental Fund. This project is one of the furthest along, there could be a strategy where some funding could be in 2023 and some in 2024. The problem is timing, we have to design it, get approved, bid, contracted, procurement and construction of vessels and all those take time.

Robinson stated that's the traditional approach, are we able to push the limits and not sure if we would be eligible in different funding cycles. We are moving into uncharted territory and how do we manage a system where we don't know a plan, where DNR is and we have an obligation to the Community.

Lindman stated it is a challenge, we need to start providing decisions but we do not have all the information to go by in light of the fact that some of these things will continue to evolve and change over the next 6-8 months. If you were to ask staff, with the new advisory levels that came out, our recommendation would be to move ahead with GAC utilizing the large vessels because it provides us non detectable levels on a consistent basis and is redundant, but it's the most expensive. Staff applied for special Congressional Project spending out of Baldwin's office- We initially applied for \$20 million, then the Senator's office asked us to reduce the ask to between \$500,000 and \$5,000,000. We revised our request to \$5 million, last week they asked if we would take anything less than \$5 million, our response was anything that you would provide but to recognize it is almost a \$20 million project, so we would take what congressional spending you could obligate to Wausau to address this situation.

Rosenberg stated we won't know what we are getting until those bills are signed, this year they were signed in March for the year we are in now.

Robinson stated it's in everyone's interest to move with the GAC system understanding there are potential funding sources but there is no plan for those funding sources but maybe advance concept of instituting GAC system as soon as possible and direct staff to move ahead and authorize other parties to work on appropriate funding mechanisms to implement that understanding nuances of whether we get a loan, a grant, emerging contaminant funds from state, congressional designated preparation.

No Action Taken.

### **3) Discussion and Possible Action on a Local Policy for Setting a Goal for PFAS Removal.**

Rosenberg stated that moves us to Agenda Item#3.

Robinson moved to adopt a policy to implement GAC Filtration System at the earliest possible timeline and develop a financial plan based on potential/interim financing funding sources. Seconded by Herbst

Gehin stated another approach was to look at a possible new well locations, will talk to staff on what an option may be to get ahead of this problem and questioned the intent to apply for the Safe Drinking Water Funding.

Rosenberg stated when voting, considering that GAC seems to get us to that non detectable level as quickly as possible.

Wojtkiewicz replied to Gehin's question stating the intent to apply would be due October 31<sup>st</sup>. If there is an ability to get into the State Fiscal Year 2023, we would work with DNR to get a variance on intent to apply that would have been due last October 31<sup>st</sup>. They have not set an application deadline for the Emerging Contaminants Program for State Fiscal Year 2023 and that's where they were going to set the surveys and where funding each project fits best.

Lindman recaps that starting down this path, City Council and this Commission set a goal and the mission was to reduce the PFAS below 20ppt as soon as possible. We looked at doing that with the Pilot Study and research. We are able to do this and it is the initial phased approach which is the interim solution. When the new Plant does go online, it would reduce PFAS by half which is 12-15ppt on average. We would not get down to the new non detect level until the new GAC treatment is online. It is good news that we are able to reduce those levels with the technology we have in place but the 18-24 months is what we are anticipating right now in working with our Engineers and the regulatory Authorities, otherwise, we will try to reduce that schedule as much as possible for the Public and will keep the Commission well informed of how that's going through designs as well as the loan programs.

Rosenberg reiterates the motion to adopt a policy that implements Granular Activated Carbon (GAC) at our earliest possible timeline and develop that financial planning that includes the interim financing plan (this motion covers/includes Agenda Item#1 regarding the funding strategies for managing PFAS in Wausau's Drinking Water).

Motion carried 4-0.

#### **4) Adjourn.**

Rosenberg reminded the Commission that our next meeting has been rescheduled from the week of the 4<sup>th</sup> to July 12<sup>th</sup>.

Motion to adjourn by Herbst. Seconded by Gehin.

*Link to view meeting in its entirety: <https://tinyurl.com/wausaucitycouncil>*

Gina Vang, Recording Secretary

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## **MEMORANDUM**

**TO:** President Rosenberg  
Commissioner Herbst  
Commissioner Force  
Commissioner Gehin  
Commissioner Robinson

**FROM:** Eric Lindman, P.E.  
Director of Public Works & Utilities

**SUBJECT:** Director's Report – June 2022

## **WATER DIVISION**

1. Drinking Water Plant Technicians Update: Our new Water Operations Technician who started May 17<sup>th</sup>, separated employment with the utility on June 24<sup>th</sup>.
2. Our Senior Water Operations Technician has given verbal notice of retirement. Retirement paperwork has been requested from the State and pending on some of the specifics of that information, separation is anticipated sometime between the end of October and this time next year.
3. Our only other Water Operations Technician is tentatively planning for a March retirement.

## **WASTEWATER DIVISION**

1. The Wastewater Treatment Plant is operating well and is discharging a quality effluent.
2. Positions within the department continue to be vacant. One position for the Wastewater Plant Operations Technician, and one position for the Collection Systems Technician (Sewer Maintainer). Hiring and training of new staff continue to be a challenge for the utility. These positions require in depth knowledge of complex equipment being used taking a great amount of time to train to a level that new staff can operate equipment confidently and take on call status.

3. Collection System Technician (Sewer Maintainer): Two interviews took place with one job offer being made to the most qualified candidate. Candidate declined job offer so second most qualified candidate was made the job offer. Second candidate also declined job offer. Advertising for this position will commence once again the week of June 11<sup>th</sup>, 2022.
4. Wastewater Plant Operations Technician: Two interviews took place with a job offer being made to the most qualified candidate. Awaiting response from candidate.
5. Plant construction continues to progress with new equipment start-ups weekly. Kruger Disk Filter start up and Veolia Dryer performance testing will take place the week of July 11<sup>th</sup>, 2022.



**TO:** Wausau Waterworks Commission  
Prepared in consultation with Donohue & Associates

**FROM:** Eric Lindman, P.E.  
Director of Public Works & Utilities

**DATE:** July 12, 2022

**SUBJECT:** Clark Dietz LSL Replacement Plan – Material Inventory Scope of Work

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Clark Dietz was awarded the Lead Service Line Replacement Plan (LSLRP) Contract in October of 2021. The Commission awarded their proposed scope of work in the amount of \$69,560. Clark Dietz also provided a scope of work to manage and prepare the Material Inventory and Documentation in the amount of \$20,120. This scope of work was not awarded by the Commission as it was hopeful city staff would be able to prepare all of this information for the inventory.

Staff has been working with Clark Dietz to provide information and determine what is needed to be done in order to prepare an accurate inventory of LSL's, both on the private and public side. Clark Dietz has been organizing data and preparing the data for viewing in GIS to help prioritize work areas for replacement. We are at the point where staff will need to begin using significant time to prepare documentation for reporting and determining what is confirmed lead and what is not. The utility does not have the staff to prepare this information and to keep this project moving forward on schedule, we need to have Clark Dietz take on this work for us. The department currently has a significant number of staff preparing and gathering information (GIS, Inspections, water utility, engineering), we are not able to do additional work timely moving forward.

Having a well-documented inventory of LSL's along with being able to show how the LSL's were confirmed will be vitally important for WDNR approval and for scheduling work over the next 15+ years. Any services that are deemed UNKNOWN will be assumed lead and if we have sampling violations we will need to replace 3% of lead services per year; so the smaller confirmed lead inventory we have the less cost we have per year under replacement mandates moving forward.

The inventory will also be critical not only for our scheduling but also for requesting funds from the WDNR through the forgivable loan program. The more accurate and planned our replacement is the more consideration we anticipate getting annually from the WDNR.

## Assumptions and Clarifications

The following list of assumptions and clarifications were used to prepare this proposal:

- CDM Smith will develop a service line inventory and will rely on existing data and records to predict the materials. Field work to confirm service line material on public or private side is assumed to be done by the City or others.
- GIS files are assumed to be complete with current unknowns clearly identified.

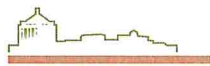
## Project Management

Project management activities will include continually assessing the expectations of Wausau Waterworks and managing scope, schedule, and budget to meet these expectations. Our team will maintain regular communication with Wausau Waterworks staff with periodic progress updates as required.

## Project Timeline and Milestones

LSLR program development is assumed to be completed from October 2021 to June 2022 with the following key milestones:

- Project Kickoff by October 20, 2021
- Receipt of available data and information by October 20, 2021
- Review of material inventory and plan for unknowns by November 19, 2021
- LSLR Plan Outline by November 19, 2021
- Review Meeting with WDNR anticipated December 2021 (this would include the draft LSLR Plan and the initial inventory)
- Presentation of Draft LSLR Plan Outline to Commission January 4, 2022 (at this meeting we anticipate discussing various key options, including funding, ordinances and public outreach)
- Development of Draft LSLR Plan – December – March 2022 (during this timing, we anticipate monthly meetings with Wausau Waterworks staff to discuss options and draft plans for the key elements of the overall LSLR Plan)
- Presentation of Draft LSLR Plan to Commission April 2022
- Update/Final LSLR Plan by May 2022
- Presentation to Commission of Final Plan by June 2022
- Submit Final Plan to WDNR by June 2022



## 5 FEES

The fee presented in **Table 5-1** is based on the above scope of services and separates the LSLR Plan from the inventory effort. We welcome the opportunity to discuss our fee and associated assumptions. The fee separates the replacement plan from the inventory efforts because additional scope items are added for the inventory effort that the Utility may elect to keep or handle as a separate task order.

Table 5-1. Cost Breakdown

| Task Description                                         | Cost            |
|----------------------------------------------------------|-----------------|
| Lead Service Line Replacement Plan                       | \$54,240        |
| Project Management and Commission Presentations          | \$15,320        |
| <b>TOTAL</b>                                             | <b>\$69,560</b> |
| Material Inventory and Documentation ( <i>Optional</i> ) | \$20,120        |

## Fee Assumptions:

- Workshops/meetings will be attended in person by Clark Dietz and virtually by CDM Smith.
- One workshop will be attended by CDM Smith in person.
- No field work is involved with inventory development.
- No public outreach meetings are assumed as part of this phase.
- No design or details are developed as part of this phase.
- Data/information provided by the Utility are assumed to be digital/electronic.



**TO:** Wausau Waterworks Commission

**FROM:** Eric Lindman, P.E.  
Director of Public Works & Utilities

**DATE:** July 12, 2022

**SUBJECT: Staffing/Wages – Ongoing and Concerning**

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Staff has prepared staffing updates as well as comparison of wages with professional organizations for the Commission's review at the past two meetings as well as previous meetings over the past couple of years. As requested, we have looked at a couple other municipal utilities, one smaller and one larger and have included those comparisons in the attached table for your review.

Approved actions by the city to date

- The city approved waiving wage Steps 1&2 and allowed minimum pay to start at step 3 in a 17 step pay scale. This has been in effect for 2022.
- The city approved advancing employees (who are below mid-point) two steps a year instead of one, so they may reach midpoint sooner and help with recruitment.
- The city approved a 2% market adjustment or COLA beginning in 2022. This is the first COLA approved in over 6-years.
- Other non-monetary actions have also been approved; increased vacation days, ability to use vacation from day one of employment, flexible work schedule for those who have the ability to work remotely, etc.

Proposed City actions

- The city is pursuing a mid-year market adjustment of 2% to the wage scale. If approved this would give each employee a 2% increase and adjust/increase the wage scale by 2%. This was approved by HR Committee and Finance Committee, waiting on council approval.
- During the 2022 budget approval the City approved consideration of a COLA each year during budget discussions moving forward. For 2023 it is anticipated there will be consideration for an additional COLA.
- City is moving forward to complete a Market Study in 2023. Proposed adjustments would be proposed in the 2024 budget process.

Wausau Water Works actions

- Baker Tilly has been hired to perform a staffing analysis for both water and wastewater. This analysis will be completed prior to the 2023 budget approval process.
- This analysis considers staffing needs and number of employees; it does not look at or investigate wages.
- Based on the findings of the analysis a revised organizational chart will be prepared and presented to the Commission for their review and approval for any staffing needs or impacts moving into 2023.

As requested I have thought through two options for the Commission to consider. There are also other mix and match scenarios that may be considered as well. The options below are intended to increase existing staff salaries to boost retention and get staff closer to market rate wages while staying in line with the City's overall pay structure. It is critical for staffing that the Commission consider increasing utility staff wages as we have been continuing to fall behind over the past several years and long term staffing shortages have required us to defer required maintenance and put the utility in jeopardy of not maintaining proper maintenance.

Two options for consideration targeting those employees who have or are not benefitting from the above-mentioned increases:

1. All employees that are currently over mid-point and have at least 4-years of service with the City will receive a 4.5% increase; as long as they are in good standing with the city and have acceptable evaluations. This will keep them within the step scale we are currently working in and will target the employees that are not currently receiving any additional increases with current city changes. The intent is to close the gap difference and help with our employee retention for our more senior staff.
2. Consider all employees who work with the city, if they are below mid-point they will receive a 3% increase (one step increase), if they are above mid-point they will receive a 4.5% increase (3 step increase).

The above proposed options would only affect those employees whose salary is fully funded by the utility's enterprise fund. Those employees that are only partially funded by the utility would not have their wages adjusted as a portion of their wages come from the levy.

Neither of the options above will make any changes to the pay structure, only increase wages of employees to bring them closer to market rate within the field they are working. None of the options above reclass any positions to higher pay grades, all staff will remain in their current pay grades. The increases will follow the current step scale and each employee will end on a step within their current pay grade.

Pay is not the only issue with recruitment and retention but it is one item the Commission may consider as an immediate action to support and help foster retention. Staff feels this is a critical issue as we are not competitive within the market. We understand there are other items we may consider as we move forward and we should implement. The critical item we need to address, first and foremost, is stabilizing our work force so we can ensure we are meeting our requirements placed on us from the WDNR. Once the workforce is stabilized we would be able to work on items like an apprenticeship program, having seasonal help year round, reestablishing the intern program for the lab, etc.

## Comparison Chart - Wausau Current Market Rate versus Compensation Surveys & Other Utilities

| City Job Title               | City Current Pay (Mid-Point) | AWWA 2020 Comp Survey (Mid-Point) | AWWA 2020 Comp Survey (Average) | 2021 WI Rural Water | Ave Difference of City Pay Compared to Surveys | <sup>1</sup> Merrill 2021 (Mid-Point) | Oshkosh 2022 (Mid-Point) | Ave Difference of City Pay Compared to Other Utilities |
|------------------------------|------------------------------|-----------------------------------|---------------------------------|---------------------|------------------------------------------------|---------------------------------------|--------------------------|--------------------------------------------------------|
| Water Superintendent         | \$37.74                      | \$46.15                           | \$47.01                         | \$44.28             | (\$8.07)                                       | 44.87                                 | 46.67                    | (\$8.03)                                               |
| WW Superintendent            | \$37.74                      | \$46.15                           | \$47.01                         | \$44.28             | (\$8.07)                                       | 44.87                                 | 46.67                    | (\$8.03)                                               |
| Water Supervisor             | \$28.85                      | \$40.19                           | \$40.18                         | \$44.28             | (\$12.70)                                      |                                       | 38.53                    | (\$9.68)                                               |
| WW Supervisor                | \$28.85                      | \$40.19                           | \$40.18                         | \$44.28             | (\$12.70)                                      |                                       | 38.53                    | (\$9.68)                                               |
| Water Plant Operator         | \$25.77                      | \$31.30                           | \$31.77                         | \$29.11             | (\$4.96)                                       |                                       | 28.91                    | (\$3.14)                                               |
| WW Lab tech                  | \$25.77                      | \$39.09                           | \$31.77                         | \$29.11             | (\$7.55)                                       |                                       | 28.91                    | (\$3.14)                                               |
| Sr. Water Distr. Maintainer  | \$25.77                      | \$29.57                           | \$32.93                         | \$29.11             | (\$4.77)                                       | 28.56                                 | 28.91                    | (\$2.97)                                               |
| Sr. WW Collection Maintainer | \$25.77                      | \$29.57                           | \$32.93                         | \$29.11             | (\$4.77)                                       | 28.56                                 | 28.91                    | (\$2.97)                                               |
| Sewer Maintainer             | \$24.09                      | \$26.73                           | \$28.84                         | \$29.11             | (\$4.14)                                       | 25.23                                 | 25.88                    | (\$1.47)                                               |
| Water Maintainer             | \$24.09                      | \$26.73                           | \$28.84                         | \$29.11             | (\$4.14)                                       | 25.23                                 | 25.88                    | (\$1.47)                                               |
| Plant Mechanic (Sewer)       | \$25.77                      | \$28.13                           | \$26.96                         | \$29.11             | (\$2.30)                                       | 25.23                                 | 28.91                    | (\$1.30)                                               |
| Plant tech. (Water)          | \$25.77                      | \$28.13                           | \$26.96                         | \$29.11             | (\$2.30)                                       | 25.23                                 | 28.91                    | (\$1.30)                                               |
| Admins                       | \$21.97                      | \$21.49                           | \$20.39                         | \$26.17             | (\$0.71)                                       |                                       | 22.85                    | (\$0.88)                                               |

<sup>1</sup>The utility also has certification pay of up to \$1.00/hour

|                                                       |                               |                        |                    |                    |                    |                    |                     |                     |
|-------------------------------------------------------|-------------------------------|------------------------|--------------------|--------------------|--------------------|--------------------|---------------------|---------------------|
| <b>WAUSAU WATER WORKS - DRINKING WATER DIVISION</b>   |                               | 5/3/2022               |                    |                    |                    |                    |                     |                     |
| <b>CAPITAL PLAN - CAPITAL ASSETS 2022-2027</b>        |                               |                        |                    |                    |                    |                    |                     |                     |
|                                                       |                               |                        |                    |                    |                    |                    |                     |                     |
| <b>IMPROVEMENTS/PROJECTS</b>                          | <b>COST EST<br/>2022-2027</b> | <b>FUND<br/>SOURCE</b> | <b>2022</b>        | <b>2023</b>        | <b>2024</b>        | <b>2025</b>        | <b>2026</b>         | <b>2027</b>         |
| <b>WATER TREATMENT PLANT</b>                          |                               |                        |                    |                    |                    |                    |                     |                     |
| <b>TOWERS/RESERVOIRS/BOOSTER STATIONS</b>             |                               |                        |                    |                    |                    |                    |                     |                     |
| GENERATOR - ONSITE (W. Wausau)                        | 480,000                       | BORROW                 | 240,000            |                    | 240,000            |                    |                     |                     |
| SCADA UPGRADES - BOOSTER STNS (\$360K)                | 360,000                       | BORROW                 |                    | 360,000            | 0                  |                    |                     |                     |
| MONROE BOOSTER STATION RECONSTRUCTION                 | 560,000                       | BORROW                 |                    |                    | 60,000             | 500,000            |                     |                     |
| SUBTOTAL                                              | \$1,400,000                   |                        | \$240,000          | \$360,000          | \$300,000          | \$500,000          | \$0                 | \$0                 |
| <b>WELLS</b>                                          |                               |                        |                    |                    |                    |                    |                     |                     |
| FUTURE WELL                                           | 650,000                       | BORROW                 |                    |                    |                    | 0                  | 650,000             |                     |
| SUBTOTAL                                              | \$650,000                     |                        | \$0                | \$0                | \$0                | \$0                | \$650,000           | \$0                 |
| <b>TOOLS, SHOP AND GARAGE</b>                         |                               |                        |                    |                    |                    |                    |                     |                     |
| Backhoe/ wheeled excavator                            |                               |                        |                    |                    | 160,000            | 325,000            |                     | 200,000             |
| Vacuum Truck                                          | 500,000                       | BORROW                 |                    | 500,000            |                    |                    |                     |                     |
| SUBTOTAL                                              | \$500,000                     |                        | \$0                | \$500,000          | \$160,000          | \$325,000          | \$0                 | \$200,000           |
| <b>DISTRIBUTION/SUPPLY MAINS</b>                      |                               |                        |                    |                    |                    |                    |                     |                     |
| <u>Street Projects</u>                                |                               |                        |                    |                    |                    |                    |                     |                     |
| 3rd Ave (Randolph to Bos Creek)                       | 0                             | BORROW                 |                    |                    |                    |                    |                     |                     |
| 5th Ave (West St to Garfield Ave)                     | 0                             | BORROW                 |                    |                    |                    |                    |                     |                     |
| Rosecrans (17th Ave - 22nd Ave)                       | 0                             | BORROW                 |                    |                    |                    |                    |                     |                     |
| McIntosh St.                                          | 0                             | BORROW                 |                    |                    |                    |                    |                     |                     |
| 4th St (McClellan St- Scott St)                       | 30,000                        | BORROW                 | 30,000             |                    |                    |                    |                     |                     |
| Bugbee Ave (Burek Ave - Tiernaey Rd)                  | 120,000                       | BORROW                 | 120,000            |                    |                    |                    |                     |                     |
| 4th Ave (Bridge St - Knox St)                         | 330,000                       | BORROW                 | 330,000            |                    |                    |                    |                     |                     |
| Emerson Street, EauClaire to Kent                     | 20,000                        | BORROW                 |                    |                    | 20,000             |                    |                     |                     |
| Mount View Blvd., EauClaire to Kent                   | 20,000                        | BORROW                 |                    |                    | 20,000             |                    |                     |                     |
| Pied Piper Lane, EC to Kent                           | 40,000                        | BORROW                 |                    |                    | 40,000             |                    |                     |                     |
| Eau Claire BLVD                                       | 510,000                       | BORROW                 |                    |                    | 510,000            |                    |                     |                     |
| Jackson St (Rrtrackes o 12th St)                      | 0                             | BORROW                 |                    |                    |                    |                    |                     |                     |
| 10th Ave (Bridge to West Wausau)                      | 420,000                       | BORROW                 |                    | 420,000            |                    |                    |                     |                     |
| Grant St (6th St to 7th St)                           | 100,000                       | BORROW                 |                    | 100,000            |                    |                    |                     |                     |
| Stark St (5th St- 12th St)                            | 1,200,000                     | BORROW                 |                    |                    |                    | 1,200,000          |                     |                     |
| Hennrietta St (Bellis St - 13th St)                   | 320,000                       | BORROW                 |                    | 320,000            |                    |                    |                     |                     |
| W. Randolph (Burek to Merrill)                        | 350,000                       | BORROW                 |                    |                    |                    |                    | 350,000             |                     |
| S. 11th Ave (W. Thomas to Flieth)                     | 180,000                       | BORROW                 |                    |                    |                    |                    | 180,000             |                     |
| North 17th Ave, Stewart to Elm                        | 220,000                       | BORROW                 |                    | 220,000            |                    |                    |                     |                     |
| SUBTOTAL                                              | \$3,860,000                   |                        | \$480,000          | \$1,060,000        | \$590,000          | \$1,200,000        | \$530,000           | \$0                 |
| <u>General Distribution Projects</u>                  |                               |                        |                    |                    |                    |                    |                     |                     |
| STEWART AVE LOOPING-12"-60/68 AVE                     | 315,000                       | BORROW                 |                    |                    | 315,000            |                    |                     |                     |
| Looping main Stettin Dr. Stewart to the Park          | 160,000                       | BORROW                 |                    | 160,000            |                    |                    |                     |                     |
| LOOPING MAIN STETTIN DRIVE, 48TH AVE TO 52ND AV       | 260,000                       | BORROW                 |                    |                    |                    | 260,000            |                     |                     |
| 14" WM Replace (ELM ST;14TH- 17TH AVE & 17th Ave; Elr | 450,000                       | BORROW                 |                    |                    | 450,000            |                    |                     |                     |
| LSL REPLACEMENTS (Public Side)                        | 1,500,000                     | BORROW                 | 300,000            | 300,000            | 300,000            | 300,000            | 300,000             |                     |
| 14" WM Extension Bugbee & Campus                      | 550,000                       | BORROW                 | 550,000            |                    |                    |                    |                     |                     |
| <b>MISC EXTENSIONS</b>                                | 0                             | BORROW                 |                    |                    |                    |                    |                     |                     |
| SUBTOTAL                                              | \$3,235,000                   |                        | \$850,000          | \$460,000          | \$1,065,000        | \$560,000          | \$300,000           | \$0                 |
| <b>TOTAL CAPITAL</b>                                  | <b>\$9,645,000</b>            |                        | <b>\$1,570,000</b> | <b>\$2,380,000</b> | <b>\$2,115,000</b> | <b>\$2,585,000</b> | <b>\$1,480,000</b>  | <b>\$200,000</b>    |
| <b>CUMULITIVE CAPITAL</b>                             |                               |                        | <b>\$2,789,000</b> | <b>\$5,169,000</b> | <b>\$7,284,000</b> | <b>\$9,869,000</b> | <b>\$11,349,000</b> | <b>\$11,549,000</b> |
|                                                       |                               |                        |                    |                    |                    |                    |                     |                     |
| <b>WATER CIP FUNDING</b>                              |                               |                        |                    |                    |                    |                    |                     |                     |
|                                                       |                               |                        | <b>2022</b>        | <b>2023</b>        | <b>2024</b>        | <b>2025</b>        | <b>2026</b>         | <b>2027</b>         |
|                                                       | <b>OP FUNDS</b>               |                        | \$0                | \$0                | \$160,000          | \$325,000          | \$0                 | \$200,000           |
|                                                       | <b>POSSIBLE ARPA or IJA</b>   |                        | \$550,000          | \$0                | \$0                | \$0                | \$0                 | \$0                 |
|                                                       | <b>BORROW</b>                 |                        | \$1,020,000        | \$2,380,000        | \$1,955,000        | \$2,260,000        | \$1,480,000         | \$0                 |
|                                                       | <b>PROJ TOTAL</b>             |                        | <b>\$1,570,000</b> | <b>\$2,380,000</b> | <b>\$2,115,000</b> | <b>\$2,585,000</b> | <b>\$1,480,000</b>  | <b>\$200,000</b>    |

|                                              |                       |                |             |             |             |             |             |             |
|----------------------------------------------|-----------------------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|
| WAUSAU WATER WORKS - DRINKING WATER DIVISION |                       | 5/3/2022       |             |             |             |             |             |             |
| CAPITAL PLAN-OPERATING 2022-2027             |                       |                |             |             |             |             |             |             |
|                                              |                       |                |             |             |             |             |             |             |
| IMPROVEMENTS/PROJECTS                        | COST EST<br>2022-2027 | FUND<br>SOURCE | 2022        | 2023        | 2024        | 2025        | 2026        | 2027        |
|                                              |                       |                |             |             |             |             |             |             |
| SOFTWARE & STUDIES                           |                       |                |             |             |             |             |             |             |
| Staffing Level Analysis/Study                | 30,000                | OP FUNDS       | 30,000      |             |             |             |             |             |
| ASSET MANAGEMENT SOFTWARE                    | 100,000               | OP FUNDS       | 100,000     |             |             |             |             |             |
| LSL REPLACEMENT PLAN                         | 90,000                | OP FUNDS       | 90,000      |             |             |             |             |             |
| CORROSION CONTROL STUDY                      | 120,000               | OP FUNDS       | 120,000     |             |             |             |             |             |
| SUBTOTAL                                     | \$340,000             |                | \$340,000   | \$0         | \$0         | \$0         | \$0         | \$0         |
|                                              |                       |                |             |             |             |             |             |             |
| TOWERS/RESERVOIRS/BOOSTER STATIONS           |                       |                |             |             |             |             |             |             |
| RESERVOIR INSPECTIONS                        | 40,000                | OP FUNDS       |             |             | 40,000      |             |             |             |
| RESERVOIR INTER/EXTER COATINGS & MAINT       | 1,000,000             | OP FUNDS       | 180,000     | 180,000     | 180,000     | 310,000     | 150,000     |             |
| SUBTOTAL                                     | \$1,040,000           |                | \$180,000   | \$180,000   | \$220,000   | \$310,000   | \$150,000   | \$0         |
|                                              |                       |                |             |             |             |             |             |             |
| METERS & RADIO READ BOXES                    |                       |                |             |             |             |             |             |             |
| METER & RADIO BOX REPLACEMENT (ON-GOIN       | 2,100,000             | OP FUNDS       | 420,000     | 420,000     | 420,000     | 420,000     | 420,000     | 420,000     |
| SUBTOTAL                                     | \$2,100,000           |                | \$420,000   | \$420,000   | \$420,000   | \$420,000   | \$420,000   | \$420,000   |
|                                              |                       |                |             |             |             |             |             |             |
| TRANSPORTATION EQUIPMENT - VEHICLES          |                       |                |             |             |             |             |             |             |
| LIGHT DUTY TRUCK                             | 275,000               | OP FUNDS       | 40,000      | 85,000      | 50,000      | 50,000      | 50,000      | 50,000      |
| SUBTOTAL                                     | \$275,000             |                | \$40,000    | \$85,000    | \$50,000    | \$50,000    | \$50,000    | \$50,000    |
|                                              |                       |                |             |             |             |             |             |             |
| TOOLS, SHOP AND GARAGE                       |                       |                |             |             |             |             |             |             |
| Snow Removal Equipment                       |                       | OP FUNDS       | 90,000      |             |             |             |             |             |
| Material Screener                            |                       | OP FUNDS       |             | 70,000      |             |             |             |             |
| Box and Tag Axle                             |                       |                |             | 40,000      |             |             |             |             |
| Forklift                                     | 40,000                | OP FUNDS       | 40,000      |             |             |             |             |             |
| SUBTOTAL                                     | \$40,000              |                | \$130,000   | \$110,000   | \$0         | \$0         | \$0         | \$0         |
|                                              |                       |                |             |             |             |             |             |             |
|                                              |                       |                |             |             |             |             |             |             |
| TOTAL CAPITAL                                | \$3,455,000           |                | \$1,110,000 | \$795,000   | \$690,000   | \$780,000   | \$620,000   | \$470,000   |
|                                              |                       |                |             |             |             |             |             |             |
| CUMULITIVE CAPITAL                           |                       |                | \$1,765,000 | \$2,560,000 | \$3,250,000 | \$4,030,000 | \$4,650,000 | \$5,120,000 |
|                                              |                       |                |             |             |             |             |             |             |
|                                              |                       |                |             |             |             |             |             |             |
|                                              | WATER CIP FUNDING     |                |             |             |             |             |             |             |
|                                              |                       |                | 2022        | 2023        | 2024        | 2025        | 2026        | 2027        |
|                                              |                       | OP FUNDS       | \$1,110,000 | \$795,000   | \$690,000   | \$780,000   | \$620,000   | \$470,000   |
|                                              | POSSIBLE ARPA or IJJA |                |             |             |             |             |             |             |
|                                              |                       | BORROW         | \$0         | \$0         | \$0         | \$0         | \$0         | \$0         |
|                                              |                       | PROJ TOTAL     | \$1,110,000 | \$795,000   | \$690,000   | \$780,000   | \$620,000   | \$470,000   |

**WAUSAU WATER WORKS - WASTEWATER DIVISION**  
**CAPITAL PLAN - CAPITAL ASSETS 2022-2027**

6/30/2022

| IMPROVEMENTS/PROJECTS                                 | COST EST<br>2022-2027 | FUND<br>SOURCE | 2022               | 2023               | 2024               | 2025               | 2026               | 2027               |
|-------------------------------------------------------|-----------------------|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| <b>WWTF IMPROVEMENTS:</b>                             |                       |                |                    |                    |                    |                    |                    |                    |
| Headworks upgrade:                                    | 800,000               | ARPA           |                    | 800,000            |                    |                    |                    |                    |
| Cellular Amplification in underground tunnels:        | 300,000               | BORROW         |                    | 300,000            |                    |                    |                    |                    |
| Sludge Barn floor replacement:                        | 250,000               | BORROW         |                    |                    |                    | 250,000            |                    |                    |
| Subtotal                                              | 1,350,000             |                | -                  | 1,100,000          | -                  | 250,000            | -                  | -                  |
| <b>SEWER LIFT STATIONS</b>                            |                       |                |                    |                    |                    |                    |                    |                    |
| Lift Station Engineering Report & Design:             | 494,500               | BORROW         | 244,500            |                    |                    |                    | 250,000            |                    |
| Airport Lift Station upgrade:                         | 700,000               | BORROW         |                    |                    |                    | 700,000            |                    |                    |
| Greenwood Hills & Northwestern lift station upgrades: | 1,100,000             | BORROW         |                    | 1,100,000          |                    |                    |                    |                    |
| Evergreen Lift Station replace/repair Forcemain       | -                     | BORROW         |                    |                    |                    |                    |                    |                    |
| Cherry & Crocker St. lift station upgrades:           | 1,100,000             | BORROW         |                    |                    | 1,100,000          |                    |                    |                    |
| 24th & 44th Ave LS Upgrades                           | -                     | BORROW         |                    |                    |                    |                    |                    | 1,100,000          |
| Industrial Park LS Parallel Force Main                | -                     | BORROW         |                    |                    |                    |                    |                    | 300,000            |
| 32nd Ave lift station upgrade:                        | 600,000               | BORROW         |                    |                    |                    |                    | 600,000            |                    |
| Subtotal                                              | 3,994,500             |                | 244,500            | 1,100,000          | 1,100,000          | 700,000            | 850,000            | 1,400,000          |
| <b>TRANSPORTATION/EQUIPMENT</b>                       |                       |                |                    |                    |                    |                    |                    |                    |
| Dump truck                                            | 240,000               | BORROW         | 120,000            |                    |                    | 120,000            |                    |                    |
| TV truck                                              | 405,000               | BORROW         |                    | 405,000            |                    |                    |                    |                    |
| Bobcat toolcat                                        | 120,000               | BORROW         |                    | 120,000            |                    |                    |                    |                    |
| Subtotal                                              | 765,000               |                | 120,000            | 525,000            | -                  | 120,000            | -                  | -                  |
| <b>STREET PROJECTS</b>                                |                       |                |                    |                    |                    |                    |                    |                    |
| 4th St (McClellan St- Scott St)                       | -                     | BORROW         |                    |                    |                    |                    |                    |                    |
| Bugbee Ave (Burek Ave - Tierney Rd)                   | 90,000                | BORROW         | 90,000             |                    |                    |                    |                    |                    |
| 4th Ave (Bridge St - Knox St)                         | 225,000               | BORROW         | 225,000            |                    |                    |                    |                    |                    |
| Emerson Street, EauClaire to Kent                     | -                     | BORROW         |                    |                    |                    |                    |                    |                    |
| Mount View Blvd., EauClaire to Kent                   | -                     | BORROW         |                    |                    |                    |                    |                    |                    |
| Pied Piper Lane, EC to Kent                           | 30,000                | BORROW         |                    |                    | 30,000             |                    |                    |                    |
| Eau Claire BLVD                                       | 280,000               | BORROW         |                    |                    | 280,000            |                    |                    |                    |
| North 10th Ave (Oak St. to West Wausau Ave.)          | 320,000               | BORROW         |                    | 320,000            |                    |                    |                    |                    |
| Grant St (6th St to 7th St)                           | 85,000                | BORROW         |                    | 85,000             |                    |                    |                    |                    |
| Stark St (5th St- 122th St)                           | 800,000               | BORROW         |                    |                    |                    | 800,000            |                    |                    |
| Hennrietta St (Bellis St - 13th St)                   | 200,000               | BORROW         |                    | 200,000            |                    |                    |                    |                    |
| Fulton Street (1st St to 6th St)                      | 225,000               | BORROW         |                    |                    |                    | 225,000            |                    |                    |
| North 17th Ave, Stewart Ave to Elm St.                | 200,000               | BORROW         |                    | 200,000            |                    |                    |                    |                    |
| Subtotal                                              | 2,455,000             |                | 315,000            | 805,000            | 310,000            | 1,025,000          | -                  | -                  |
| <b>Proposed Developments/Extensions</b>               |                       |                |                    |                    |                    |                    |                    |                    |
| Northwestern Avenue (Higgenbotham)                    | 120,000               | BORROW         |                    |                    |                    |                    | 120,000            |                    |
| Subtotal                                              | 120,000               |                | -                  | -                  | -                  | -                  | 120,000            | -                  |
| <b>Sewer Collection System Projects</b>               |                       |                |                    |                    |                    |                    |                    |                    |
| Stewart Avenue Force Main & Sewer Improvement         | 1,800,000             | BORROW         | 100,000            | 200,000            | 1,500,000          |                    |                    |                    |
| River Crossing (Washington St Siphon)                 | 400,000               | BORROW         | 400,000            |                    |                    |                    |                    |                    |
| Unanticipated Sewer Projects                          | 750,000               | BORROW         | 150,000            | 150,000            | 150,000            | 150,000            | 150,000            |                    |
| Subtotal                                              | 2,950,000             |                | 650,000            | 350,000            | 1,650,000          | 150,000            | 150,000            | -                  |
| <b>TOTAL PLANNED CAPITAL EXPENDITURES</b>             | <b>10,284,500</b>     |                | <b>\$1,329,500</b> | <b>\$3,880,000</b> | <b>\$3,060,000</b> | <b>\$2,245,000</b> | <b>\$1,120,000</b> | <b>\$1,400,000</b> |

| SEWER CIP FUNDING    |             |             |             |       |             |             |     |
|----------------------|-------------|-------------|-------------|-------|-------------|-------------|-----|
|                      | 2022        | 2023        | 2024        | 2025  | 2026        | 2027        |     |
| OP FUNDS             | \$0         | \$0         | \$0         | \$0   | \$0         | \$0         | \$0 |
| POSSIBLE ARPA or IJA | \$100,000   | \$0         | \$1,780,000 | #REF! | \$0         | \$0         | \$0 |
| BORROW               | \$1,229,500 | \$3,080,000 | \$1,280,000 | #REF! | \$1,120,000 | \$1,400,000 |     |
| PROJ TOTAL           | \$1,329,500 | \$3,080,000 | \$3,060,000 | #REF! | \$1,120,000 | \$1,400,000 |     |

**WAUSAU WATER WORKS - WASTEWATER DIVISION**  
**CAPITAL PLAN - OPERATING 2022-2027**

6/30/2022

| IMPROVEMENTS/PROJECTS                         | COST EST<br>2022-2027 | FUND<br>SOURCE | 2022             | 2023           | 2024             | 2025           | 2026             | 2027      |
|-----------------------------------------------|-----------------------|----------------|------------------|----------------|------------------|----------------|------------------|-----------|
| <b>SOFTWARE &amp; STUDIES</b>                 |                       |                |                  |                |                  |                |                  |           |
| Staffing Level Analysis/Study                 | 30,000                | OP FUNDS       | 30,000           |                |                  |                |                  |           |
| Subtotal                                      | 30,000                |                | 30,000           | -              | 0.00             | 0.00           | 0.00             | 0.00      |
| <b>SEWER TREATMENT PLANT</b>                  |                       |                |                  |                |                  |                |                  |           |
| Asset/O&M Management                          | \$200,000             | OP FUNDS       | 100,000          | 100,000        |                  |                |                  |           |
| Subtotal                                      | 200,000               |                | 100,000          | 100,000        | -                | -              | -                | -         |
| <b>SEWER LIFT STATIONS</b>                    |                       |                |                  |                |                  |                |                  |           |
|                                               | -                     | OP FUNDS       |                  |                |                  |                |                  |           |
| Subtotal                                      | -                     |                | -                | -              | -                | -              | -                | -         |
| <b>TRANSPORTATION/EQUIPMENT</b>               |                       |                |                  |                |                  |                |                  |           |
| Safety support vehicle                        | 60,000                | OP FUNDS       |                  |                | 60,000           |                |                  |           |
| Subtotal                                      | 60,000                |                | -                | -              | 60,000           | -              | -                | -         |
| <b>Street Projects</b>                        |                       |                |                  |                |                  |                |                  |           |
| Emerson Street, Eau Calaire Blvd to Kent      | 30,000                | OP FUNDS       |                  |                | 30,000           |                |                  |           |
| Mount View Blvd, Eau Claire Blvd to Kent      | 25,000                | OP FUNDS       |                  |                | 25,000           |                |                  |           |
| 4th St (McClellan St - Scott St)              | 60,000                | OP FUNDS       | 60,000           |                |                  |                |                  |           |
| Subtotal                                      | 115,000               |                | 60,000           | -              | 55,000           | -              | -                | -         |
| <b>Proposed Developments/Extensions</b>       |                       |                |                  |                |                  |                |                  |           |
|                                               | -                     | OP FUNDS       |                  |                |                  |                |                  |           |
| Subtotal                                      | -                     |                | -                | -              | -                | -              | -                | -         |
| <b>Sewer Collection System Projects</b>       |                       |                |                  |                |                  |                |                  |           |
| Slipline Sewers (Cured in Place); I&I Repairs | 2,525,000             | OP FUNDS       | 425,000          | 525,000        | 525,000          | 525,000        | 525,000          |           |
| Forcemain Pigging and Cleaning                | 490,000               | OP FUNDS       |                  | 120,000        |                  | 120,000        | 250,000          |           |
| Interceptor Line H2S Rprs                     | 1,400,000             | OP FUNDS       | 400,000          |                | 500,000          |                | 500,000          |           |
| Subtotal                                      | 4,415,000             |                | 825,000          | 645,000        | 1,025,000        | 645,000        | 1,275,000        | -         |
| <b>TOTAL PLANNED CAPITAL EXPENDITURES</b>     | <b>4,790,000</b>      |                | <b>1,015,000</b> | <b>745,000</b> | <b>1,140,000</b> | <b>645,000</b> | <b>1,275,000</b> | <b>0</b>  |
| <b>TOTAL PLANT &amp; COLLECTION ONLY</b>      |                       |                | 925,000          | 745,000        | 1,025,000        | 645,000        | 1,275,000        | 0         |
| <b>CUMULATIVE FULL UPGRADE</b>                |                       |                | 1,185,000        | 1,930,000      | 3,070,000        | 3,715,000      | 4,990,000        | 4,990,000 |

**SEWER CIP FUNDING**

|                              | 2022        | 2023      | 2024        | 2025      | 2026        | 2027 |
|------------------------------|-------------|-----------|-------------|-----------|-------------|------|
| <b>OP FUNDS</b>              | \$590,000   | \$220,000 | \$615,000   | \$120,000 | \$750,000   | \$0  |
| <b>POSSIBLE ARPA or IIJA</b> | \$425,000   | \$525,000 | \$525,000   | \$525,000 | \$525,000   | \$0  |
| <b>BORROW</b>                | \$0         | \$0       | \$0         | \$0       | \$0         | \$0  |
| <b>PROJ TOTAL</b>            | \$1,015,000 | \$745,000 | \$1,140,000 | \$645,000 | \$1,275,000 | \$0  |



To: Wausau Water Works Commission

From: Scott Boers, Water Operations Superintendent

Date: July 6, 2022

Subject: Contract Locating

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All,

As you are aware, the utility has been seeing drastic increases in the amount of Digger's Hotline Requests over the last few years. We received 9105 locate requests in 2021 and over 4300 to date this year. If staff time required to complete a single locate is estimated at one half hour, locates alone would account for over 2 FTE's just for the water portion.

Although there are benefits to doing the locates with utility staff, we are unable to maintain all current service levels and maintenance requirements at this time. Contracting locates will help to free up some time for staff to do other duties.

Our intent would be to RFP these services and bring results back with recommendations and or any associated budget modifications.

**Mike Gerbitz, PE** [MI, MN, WI]

Mobile | 920 889 4000

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**From:** Eric Lindman <[Eric.Lindman@ci.wausau.wi.us](mailto:Eric.Lindman@ci.wausau.wi.us)>  
**Sent:** Friday, July 1, 2022 3:53 PM  
**To:** Gerbitz, Mike <[mgerbitz@donohue-associates.com](mailto:mgerbitz@donohue-associates.com)>  
**Cc:** Dow, Andrew <[adow@donohue-associates.com](mailto:adow@donohue-associates.com)>; Wojtkiewicz, Susan <[swojtkiewicz@donohue-associates.com](mailto:swojtkiewicz@donohue-associates.com)>  
**Subject:** RE: Wausau - Proposed TO3 - PFAS Treatment Process Design and Bidding

Hi Mike, thank you for this.

I do not have any changes on this and I feel it covers everything we discussed and what we are looking to do. One question we might get from the commission is what is the schedule? and I guess my answer would be that once we have an agreement in place the schedule will be established as part of the initial work. I do not think having a schedule at this point is beneficial until we begin the process. Just wanted to let you know that this seems to be the current question as of late. Thank you and once you are good with this please provide to Gina for the packet.

I am off next week but will be around and available by phone. All of you have a great 4<sup>th</sup> of July thank you for all your assistance!!!

*Eric Lindman, P.E.*

Director of Public Works & Utilities

City of Wausau

407 Grant St.

Wausau, WI 54403-4783

P: 715-261-6745

C: 715-292-2606

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**From:** Gerbitz, Mike <[mgerbitz@donohue-associates.com](mailto:mgerbitz@donohue-associates.com)>  
**Sent:** Friday, July 1, 2022 7:22 AM

**To:** Eric Lindman <[Eric.Lindman@ci.wausau.wi.us](mailto:Eric.Lindman@ci.wausau.wi.us)>  
**Cc:** Dow, Andrew <[adow@donohue-associates.com](mailto:adow@donohue-associates.com)>; Wojtkiewicz, Susan  
<[swojtkiewicz@donohue-associates.com](mailto:swojtkiewicz@donohue-associates.com)>; Gerbitz, Mike <[mgerbitz@donohue-associates.com](mailto:mgerbitz@donohue-associates.com)>  
**Subject:** [EXTERNAL] Wausau - Proposed TO3 - PFAS Treatment Process Design and Bidding

Good AM, Eric. First attachment is a proposed Task Order 3. Second attachment is an updated cash flow that uses the proposed Task Order 3 amount. We appreciate the opportunity to provide this and look forward to answering any questions or providing additional information. The attached table is only readable if printed on 11x17 paper.

### Task Order Description

The purpose of this Task Order is as follows: [1] produce Bidding Documents for a Granular Activated Carbon (GAC) treatment system to remove PFAS at the Owner's drinking water treatment facility, [2] support public bidding of the Work required to construct the GAC treatment system, [3] pursue Safe Drinking Water Loan Program (SDWLP) funding for the Services and

Work required to design, bid, construct, and commission the GAC treatment system and support Owner with funding that may be obtained through a Senator Baldwin Congressionally Directed Spending Request, [4] continue to monitor the pilot-scale performance and evaluate the performance (and potential operating costs) of PFAS-removing media, [5] evaluate disposal and/or reactivation alternatives for PFAS-removing media, and [6] perform a conceptual-level evaluation of alternative ground water sources.

### Team Member Roles

The project team members and their roles are aimed at playing to each's respective competencies and strengths. Becher Hoppe will lead the design of site improvements and continue to support pilot testing. Their design-phase involvement will position them well to play a larger role during construction. Becher Hoppe will also lead a cursory evaluation of alternative water sources (Task 525 is a direct response to a recent Gehin comment). Wood will provide process design input during the early design phases, reviewing and commenting on conceptual and preliminary design deliverables. Wood will also evaluate media disposal/reactivation alternatives.

|

**Mike Gerbitz, PE** [MI, MN, WI]

Mobile | 920 889 4000

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**TASK ORDER NO. 3 TO  
CONTINUING PROFESSIONAL SERVICES AGREEMENT  
Between City of Wausau (Owner) and  
Donohue & Associates, Inc. (Donohue)  
Date of Original Executed Agreement: March 17, 2022**

**TASK ORDER NAME/DESCRIPTION**

PFAS Treatment Process Design and Bidding – The purpose of this Task Order is as follows: [1] produce Bidding Documents for a Granular Activated Carbon (GAC) treatment system to remove PFAS at the Owner’s drinking water treatment facility, [2] support public bidding of the Work required to construct the GAC treatment system, [3] pursue Safe Drinking Water Loan Program (SDWLP) funding for the Services and Work required to design, bid, construct, and commission the GAC treatment system and support Owner with funding that may be obtained through a Senator Baldwin Congressionally Directed Spending Request, [4] continue to monitor the pilot-scale performance and evaluate the performance (and potential operating costs) of PFAS-removing media, [5] evaluate disposal and/or reactivation alternatives for PFAS-removing media, and [6] perform a conceptual-level evaluation of alternative ground water sources.

**A. SCOPE OF SERVICES**

| 100 | Project Coordination and Agency Approvals                                                                                                                                                                                                                                                                                                                        |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 105 | Conduct Internal Weekly Coordination Meetings – The Donohue design manager will lead these meetings, which are intended to coordinate design-related efforts between design team disciplines and members.                                                                                                                                                        |
| 110 | Conduct External Bi-Weekly Status Meetings/Calls – The Donohue project manager will lead these meetings, which are intended to keep the Owner informed of project activities and progress. The meetings will also provide a regular opportunity to request and exchange information, particularly Owner preferences and requirements.                            |
| 115 | Attend Commission Meetings and Provide Project Briefings – The Donohue project manager and/or senior design engineers will attend monthly commission meetings to keep the Commission and public informed of project activities and progress.                                                                                                                     |
| 120 | Produce and Provide Monthly Status Reports – The Donohue project manager will produce and submit monthly written status reports that accompany monthly invoices. These reports will document activities during the previous period, anticipated near-term activities, schedule status, and budget status.<br><br><u>Deliverable(s)</u><br>Monthly Status Reports |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 125 | Informal Coordination and Communication – Some information exchanges between Donohue, Owner, and/or regulatory personnel cannot and need not wait until the more formal status meetings. This Task recognizes and funds these informal and expedient coordination efforts and communications.                                                                             |
| 130 | Pursue and Obtain WDNR Process Approval – The Donohue project manager and senior process engineer(s) will review treatment design and operating concepts with Wisconsin Department of Natural Resources (WDNR) personnel for the purposes of receiving WDNR approval of those concepts.                                                                                   |
| 135 | Pursue and Obtain PSC Construction Authorization – The Donohue project manager and senior process engineer(s) will review relevant aspects of the project with the Wisconsin Public Service Commission (PSC) for the purpose of receiving PSC approval for construction of water system improvements.                                                                     |
| 140 | Produce and Submit Final Bidding Documents: Owner and WDNR – Submit Final Bidding Documents to the Owner and WDNR. These Documents will facilitate WDNR review and, ultimately, approval for construction. Donohue will submit the Final Bidding Documents to the Owner and WDNR.<br><br><u>Deliverable(s)</u><br>Reviewable Bidding Documents<br>Final Bidding Documents |
| 145 | Pursue and Obtain WDNR Bidding Documents Approval – Reply to WDNR questions and, where necessary, incorporate Bidding Document revisions that satisfy WDNR comments and lead to WDNR approval for construction.<br><br><u>Deliverable(s)</u><br>Responses to WDNR Comments and Questions                                                                                  |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>200</b> | <b>Design</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 205        | Conduct Internal Design Initiation Meeting – The Donohue project manager will lead a design team meeting to review the design phase workplan: objectives, tasks, schedule, budgets, and communication protocols.                                                                                                                                                                                                                                                                                        |
| 210        | Prepare for, Conduct, and Document Design Workshop 1: Initiation – Conduct a Workshop to review the design phase workplan: objectives, tasks, schedule, budgets, and communication protocols. Attendees will also discuss potential configuration and operating strategies. Donohue will solicit design-related preferences as they relate to configurations, operating strategies, process equipment, and construction materials.<br><br><u>Deliverable(s)</u><br>Workshop Materials<br>Workshop Notes |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 215 | Collect Site Conditions: Survey, As-Built Conditions, and Discipline Review – Collect survey and as-built information relevant to defining the Work and producing Bidding Documents.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 220 | <p>Produce Conceptual Layout Drawings and Materials – Define process equipment requirements: capacities, dimensions, weights, lifting requirements, access requirements, and utility requirements. Produce a motor list for new equipment. Produce conceptual flow sheet drawings (schematics) depicting new and modified unit processes. Produce conceptual layout drawings depicting one or several configurations for the new and modified unit processes.</p> <p><u>Deliverable(s)</u><br/> Process Equipment List<br/> Motor List<br/> Conceptual Flow Sheet Drawings<br/> Conceptual Layout Drawings</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 225 | <p>Prepare for, Conduct, and Document Design Workshop 2: Conceptual Design – Conduct a Workshop to review and discuss the conceptual design materials delineated in the previous task. The purpose of this Workshop is to solicit Owner preferences, requirements, and instructions.</p> <p><u>Deliverable(s)</u><br/> Workshop Materials<br/> Workshop Notes</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 230 | <p>Produce Preliminary Layout Drawings and Materials – Advance the design with the Owner preferences, requirements, and instructions provided at the previous Workshop. Produce preliminary Process and Instrumentation Diagrams (PIDs) for new and modified unit processes. Produce preliminary layout drawings depicting new and modified unit processes. In general, these drawings will show the items listed below, which were not shown or provided on the conceptual layout drawings: major structural features; major equipment access and removal devices, like bridge cranes, monorails, and hoists; process piping and valves with pipe sizes, flow stream identifiers, and elevations; major electrical equipment like switchgear, emergency generators, MCCs, VFDs, transfer switches, and lighting panels; major controls equipment and panels; major HVAC equipment like boilers, make-up air units, furnaces, and air conditioners; major HVAC ductwork and piping; site plan showing all structures, major above grade site features, major buried process piping, and major buried utilities; and overall electrical one-line diagram(s). Develop a construction cost opinion reflecting the current version of the preliminary layout drawings and PIDs. The construction cost opinion will be takeoff based and organized by specification division.</p> <p><u>Deliverable(s)</u><br/> Preliminary PIDs<br/> Preliminary Layout Drawings<br/> Construction Cost Opinion</p> |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 235 | <p>Prepare for, Conduct, and Document Design Workshop 3: Preliminary Design – Conduct a Workshop to review and discuss the preliminary design materials delineated in the previous task. The purpose of this Workshop is to solicit Owner preferences, requirements, and instructions.</p> <p><u>Deliverable(s)</u><br/>Workshop Materials<br/>Workshop Notes</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 240 | <p>Produce and Submit Design Report: Owner and WDNR – Produce a Design Report that documents the process design, control strategies, electrical strategies, and HVAC strategies, and incorporates the preliminary layout drawings, preliminary PIDs, operating strategies, Project construction budget summary, and projected user rate impacts, as appropriate. The Design Report will reflect and/or acknowledge the Owner preferences, requirements, and instructions provided during the previous Workshop. The Design Report will be suitable for submission to WDNR, to meet the engineering report requirements of the SDWLP.</p> <p><u>Deliverable(s)</u><br/>Design Report</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 245 | <p>Produce Final Layout Drawings and Materials – Finalize the size and location of major equipment; the major process equipment requirements: dimensions, weights, lifting requirements, access requirements, and utility requirements; and operating and control strategies for the new and modified unit processes. Prepare final layout drawings for all structures affected by the Work of the Project. These drawings will incorporate Owner preferences and requirements and will be developed to a higher degree of completion than the preliminary layout drawings. In general, these drawings will show the items listed below, which were not shown or provided on the preliminary layout drawings: site plan details such as yard piping; sidewalks and parking; and grading plan; process details such as sample taps, chemical injection points, flow meters and other connections; structural details such as roof framing; wall and roof type; floor, roof, and wall openings; elevators, overhead doors, and lifting equipment; equipment pads; floor hatches; floor slopes; roof drain systems; hoisting equipment; framing; beams; and columns; HVAC equipment such as ducts; air handling equipment; windows, louvers, intakes, and grilles; fire protection system; and hazardous ratings electrical components such as electrical duct banks; generators; and building lighting; plumbing components such as fixture dimensions and the floor drain system; eyewashes and emergency showers; and instrumentation and control components. Produce Work sequences and constraints to be incorporated into the Bidding Documents. Update the construction cost opinion.</p> <p><u>Deliverable(s)</u><br/>Final Layout Drawings<br/>Construction Cost Opinion</p> |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 250 | <p>Prepare for, Conduct, and Document Design Workshop 4: Final Layout Design – Conduct a Workshop to review and discuss the final layout drawings delineated in the previous task. The purpose of this Workshop is to solicit Owner preferences, requirements, and instructions.</p> <p><u>Deliverable(s)</u><br/>Workshop Materials<br/>Workshop Notes</p>                                                                                                                    |
| 255 | <p>Produce Reviewable Bidding Documents – Coordinate the PIDs between disciplines to produce final PIDs. Advance the final layout drawings to show and define the Work consistent with the Owner preferences, requirements, and instructions provided at the previous Workshop. Produce specifications that define the Work consistent with the Owner preferences, requirements, and instructions provided at the previous Workshop. Update the construction cost opinion.</p> |
| 260 | <p>Conduct Final Designer Reviews and Incorporation – Perform multi- and cross-discipline designer reviews of the drawings and specifications. Revise the drawings and specifications to address designer comments.</p>                                                                                                                                                                                                                                                        |
| 265 | <p>Conduct Final QA/QC Reviews and Incorporation – Perform multi- and cross-discipline quality assurance/quality control (QA/QC) reviews of the drawings and specifications. Revise the drawings and specifications to address review comments.</p>                                                                                                                                                                                                                            |
| 270 | <p>Prepare for, Conduct, and Document Design Workshop 5: Reviewable Bid Docs – Submit Reviewable Bidding Documents and an updated construction cost opinion to Owner. Conduct a Workshop to review and discuss the Reviewable Bidding Documents. The purpose of this Workshop is to solicit Owner comments related to the Bidding Documents.</p> <p><u>Deliverable(s)</u><br/>Reviewable Bidding Documents<br/>Construction Cost Opinion<br/>Workshop Notes</p>                |
| 275 | <p>Incorporate Final Owner Review Comments – Produce the Final Bidding Documents by incorporating Owner comments related to the Reviewable Bidding Documents.</p>                                                                                                                                                                                                                                                                                                              |

|            |                                                                                                                                                                                                                                                                                            |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>300</b> | <b>Bidding</b>                                                                                                                                                                                                                                                                             |
| 305        | <p>Conduct Pre-Bid Conference – Assist Owner with advertising the project for bids. Conduct a pre-bid conference to familiarize bidders with the Work, Bid Form, bidding requirements, and unique project requirements.</p> <p><u>Deliverable(s)</u><br/>Pre-Bid Presentation Material</p> |

|     |                                                                                                                                                                  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 310 | Respond to Questions – Respond to bidder questions.                                                                                                              |
| 315 | Issue Addenda – Issue addenda as necessary.<br><br><u>Deliverable(s)</u><br>Addenda                                                                              |
| 320 | Attend Bid Opening – Assist Owner with and attend bid opening.                                                                                                   |
| 325 | Review Bids and Provide a Recommendation – Review bids and submit a Letter of Recommendation for Award.<br><br><u>Deliverable(s)</u><br>Letter of Recommendation |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>400</b> | <b>Funding</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 405        | Request and Review Information from Owner – Request and review information from the Owner that is or may be necessary to complete and submit a SDWLP application.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 410        | <p>Navigate New Federal BABA Requirements for Funding – The SDWLP, as well as other federal funding programs, will include new Build America, Buy America requirements. At this time, it appears that the BABA requirements will be more comprehensive and restrictive than the federal American Iron and Steel (AIS) requirements of prior state revolving fund (SRF) programs. In addition to the previous AIS requirements, BABA includes this requirement:</p> <p style="padding-left: 40px;">All manufactured products used in the project are produced in the United States. This means the manufactured product was manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation.</p> <p>Regulators have yet to fully define how this requirement will be enforced and satisfied with and without waivers. As a result, manufacturers, suppliers, engineers, and contractors have yet to fully understand how to comply with the new BABA requirements, the time implications, and the cost implications. This task will fund, at least in part, design team efforts to navigate the BABA requirements and develop well-conceived, cost-effective, and time-efficient Bidding Document strategies that preserve SDWLP eligibility.</p> |
| 415        | Produce Draft Safe Drinking Water Loan Program Application – Produce and submit to the Owner a Draft Safe Drinking Water Loan Program application.<br><br><u>Deliverable(s)</u><br>Draft SDWLP Application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 420 | Produce Final Safe Drinking Water Loan Program Application – Review the DRAFT SDWLP application with the Owner. Incorporate revisions that address Owner comments and corrections. Produce and submit to the Owner and WDNR a Final SDWLP application.<br><br><u>Deliverable(s)</u><br>Final SDWLP Application                                                                                                                                      |
| 425 | Respond to WDNR Questions and Provide Supplemental Information – Respond to WDNR comments, questions, and requests for additional information. Work with the Owner to provide additional information requested by WDNR.                                                                                                                                                                                                                             |
| 430 | Support Loan Closing after Owner Awards Construction Project – Work with the Owner, WDNR, and others providing the Owner with funding assistance, to support “closing” of the SDWLP loan.                                                                                                                                                                                                                                                           |
| 435 | Support Owner with Congressionally Directed Spending Request—Through Senator Tammy Baldwin, Owner has requested \$5,000,000 federal appropriation for PFAS response, including treatment. Engineer will coordinate SDWLP funding with federal appropriation and provide support to Owner in securing funding. It is anticipated that the federal funding will be administered through US EPA but details of this process are not currently defined. |

|            |                                                                                                                                                                                                                                                                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>500</b> | <b>Supplemental Services</b>                                                                                                                                                                                                                                                                                                                      |
| 505        | Continue Pilot Testing and Data Analysis – Continue providing operating oversight, sampling, and data analysis for the pilot treatment trains that have been operating since March 2022. Provide the Owner periodic updates of pilot test results.<br><br><u>Deliverable(s)</u><br>Pilot Test Results<br>Amended Pilot Test Report (City and DNR) |
| 510        | Add One Additional Process Train/Media to Pilot Test – Coordinate the addition of one additional pilot treatment train to evaluate the performance and long-term operating costs of the associated media.<br><br><u>Deliverable(s)</u><br>Pilot Test Results                                                                                      |
| 515        | Coordinate Scoping of Rapid Small Scale Column Testing (RSSCT) of GAC with Consultant. Review results of RSSCT with Consultant.                                                                                                                                                                                                                   |
| 520        | Evaluate Media Disposal Alternatives – Evaluate disposal and/or reactivation alternatives for PFAS-treatment media.<br><br><u>Deliverable(s)</u><br>PFAS-Treatment Media Disposal Alternatives Memo                                                                                                                                               |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 525 | <p>Evaluate Feasibility of Alternative Groundwater Sources – Perform a conceptual-level evaluation of alternatives to secure one or several alternative ground water sources with low PFAS concentrations or non-detectible PFAS concentrations. Define the steps and costs to verify the water quality and production capacity of one or several candidate sources.</p> <p><u>Deliverable(s)</u><br/>Alternative Ground Water Sources Memo</p> |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## B. PROJECT TIMING

Submit Final Bidding Documents to Owner six months after this Task Order is executed. Compensation for the Scope of Services is based on operating the pilot test columns for six months after this Task Order is executed.

## C. COMPENSATION

Compensation for this Task Order will be not to exceed \$698,705 in accordance with Donohue's standard chargeout rates in effect at the time the Services are performed. The attached tables show estimated levels of effort, fees, and expenses. Owner will be responsible for [1] laboratory analysis fees and [2] fees for pilot equipment rental and initial technician installation and start-up support from equipment vendor.

### APPROVED FOR OWNER

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

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

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

### APPROVED FOR DONOHUE

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

Printed Name: Mike Gerbitz, PE

Title: Senior Vice President

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

Task Order No. 3 - PFAS Treatment Process Design and Bidding

Owner: City of Wausau, WI

Date: July 1, 2022

Level of Effort (Hours) and Labor Fee Tables

| Project Role                                                                     | Principal | Project Manager | SR Structural Engineer | JR Structural Engineer | SR Process Engineer | SR Process Engineer | SR HVACP Engineer | JR HVACP Engineer | SR Controls Engineer | JR Controls Engineer | SR Electrical Engineer | JR Electrical Engineer | Admin Assistant | BH Process | BH Civil | BH Designer | Wood SR Mgr | Wood SR Engr |        |
|----------------------------------------------------------------------------------|-----------|-----------------|------------------------|------------------------|---------------------|---------------------|-------------------|-------------------|----------------------|----------------------|------------------------|------------------------|-----------------|------------|----------|-------------|-------------|--------------|--------|
| Team Members                                                                     | Gerbitz   | Wojtkiewicz     | Schuenemann            | TBD                    | Dow                 | Rokita              | Wills             | TBD               | Goecks               | TBD                  | BerktoId               | TBD                    | Treft           | Opatik     | TBD      | TBD         | TBD         | TBD          |        |
| 100 Project Coordination and Agency Approvals                                    |           |                 |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | Totals |
| 105 Conduct Internal Weekly Coordination Meetings                                |           | 48              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 48     |
| 110 Conduct External Bi-Weekly Status Meetings/Calls                             |           | 48              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 | 24         |          |             |             |              | 72     |
| 115 Attend Commission Meetings and Provide Project Briefings                     | 5         | 30              |                        |                        | 18                  |                     |                   |                   |                      |                      |                        |                        |                 | 18         |          |             |             |              | 71     |
| 120 Produce and Provide Monthly Status Reports                                   |           | 12              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 12     |
| 125 Informal Coordination and Communication                                      |           | 48              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 48     |
| 130 Pursue and Obtain WDNR Process Approval                                      |           | 15              |                        |                        | 30                  |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 45     |
| 135 Pursue and Obtain PSC Construction Authorization                             |           | 30              |                        |                        | 15                  |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 45     |
| 140 Produce and Submit Final Bidding Documents: Owner and WDNR                   |           | 5               |                        |                        | 5                   |                     |                   |                   |                      |                      |                        |                        | 20              |            |          |             |             |              | 30     |
| 145 Pursue and Obtain WDNR Bidding Documents Approval                            |           | 10              | 5                      |                        | 10                  |                     | 5                 |                   | 5                    |                      | 5                      |                        |                 |            | 5        |             |             |              | 45     |
| Totals                                                                           | 5         | 246             | 5                      | -                      | 78                  | -                   | 5                 | -                 | 5                    | -                    | 5                      | -                      | 20              | 42         | 5        | -           | -           | -            | 416    |
| 200 Design                                                                       |           |                 |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | Totals |
| 205 Conduct Internal Design Initiation Meeting                                   |           | 5               | 2                      | 1                      | 2                   | 1                   | 2                 | 1                 | 2                    | 1                    | 2                      | 1                      |                 | 2          | 1        |             |             |              | 23     |
| 210 Prepare for, Conduct, and Document Design Workshop 1: Initiation             | 5         | 15              |                        |                        | 10                  | 10                  |                   |                   |                      |                      |                        |                        |                 | 5          | 5        |             | 5           | 5            | 60     |
| 215 Collect Site Conditions: Survey, As-Built Conditions, and Discipline Reviews |           | 15              | 8                      |                        |                     | 10                  |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 33     |
| 220 Produce Conceptual Layout Drawings and Materials                             |           | 20              | 15                     |                        | 45                  | 90                  |                   |                   | 5                    |                      | 10                     |                        |                 | 5          | 5        |             | 5           | 5            | 205    |
| 225 Prepare for, Conduct, and Document Design Workshop 2: Conceptual Design      |           | 10              |                        |                        | 5                   | 5                   |                   |                   |                      |                      |                        |                        |                 | 5          |          |             | 5           | 5            | 35     |
| 230 Produce Preliminary Layout Drawings and Materials                            |           | 20              | 20                     | 80                     | 35                  | 70                  | 5                 | 20                | 10                   | 30                   | 10                     | 30                     |                 | 5          | 10       | 25          | 5           | 5            | 380    |
| 235 Prepare for, Conduct, and Document Design Workshop 3: Preliminary Design     |           | 10              | 5                      |                        | 5                   | 5                   |                   |                   |                      |                      |                        |                        |                 |            |          |             | 5           | 5            | 35     |
| 240 Produce and Submit Design Report: Owner and WDNR                             |           | 10              |                        |                        | 35                  |                     |                   |                   |                      |                      |                        |                        |                 | 10         |          |             | 10          | 10           | 75     |
| 245 Produce Final Layout Drawings and Materials                                  |           | 40              | 20                     | 80                     | 35                  | 70                  | 10                | 25                | 10                   | 30                   | 10                     | 30                     |                 | 5          | 10       | 25          |             |              | 400    |
| 250 Prepare for, Conduct, and Document Design Workshop 4: Final Layout Design    | 5         | 10              | 5                      |                        | 5                   | 5                   | 5                 |                   | 5                    |                      | 5                      |                        |                 | 5          | 5        |             |             |              | 55     |
| 255 Produce Reviewable Bidding Documents                                         |           | 90              | 50                     | 150                    | 70                  | 150                 | 15                | 45                | 20                   | 60                   | 20                     | 60                     | 25              | 10         | 20       | 60          |             |              | 845    |
| 260 Conduct Final Designer Reviews and Incorporation                             |           | 15              |                        | 15                     | 15                  | 30                  |                   | 10                |                      | 15                   |                        | 15                     |                 |            | 10       | 15          |             |              | 140    |
| 265 Conduct Final QA/QC Reviews and Incorporation                                |           | 20              | 15                     | 15                     | 15                  | 30                  | 10                | 10                | 15                   | 15                   | 10                     | 15                     |                 | 10         | 10       | 15          |             |              | 205    |
| 270 Prepare for, Conduct, and Document Design Workshop 5: Reviewable Bid Docs    | 5         | 10              | 5                      |                        | 5                   | 5                   |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 30     |
| 275 Incorporate Final Owner Review Comments                                      |           | 10              | 5                      | 10                     | 5                   | 10                  | 5                 | 10                | 5                    | 10                   | 5                      | 10                     |                 | 5          | 5        | 10          |             |              | 105    |
| Totals                                                                           | 15        | 300             | 150                    | 351                    | 287                 | 491                 | 52                | 121               | 72                   | 161                  | 72                     | 161                    | 25              | 67         | 81       | 150         | 35          | 35           | 2,626  |
| 300 Bidding                                                                      |           |                 |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | Totals |
| 305 Conduct Pre-Bid Conference                                                   |           | 10              |                        |                        | 5                   |                     |                   |                   |                      |                      |                        |                        |                 | 5          | 5        |             |             |              | 25     |
| 310 Respond to Questions                                                         |           | 20              | 5                      | 2                      | 5                   | 5                   | 5                 | 2                 | 5                    | 2                    | 5                      | 2                      |                 |            | 5        | 2           |             |              | 65     |
| 315 Issue Addenda                                                                |           | 20              | 5                      | 2                      | 5                   | 5                   | 5                 | 2                 | 5                    | 2                    | 5                      | 2                      |                 |            | 5        | 2           |             |              | 65     |
| 320 Attend Bid Opening                                                           |           | 10              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 10     |
| 325 Review Bids and Provide a Recommendation                                     |           | 5               | 2                      |                        | 5                   |                     | 2                 |                   | 2                    |                      | 2                      |                        |                 | 2          |          |             |             |              | 20     |
| Totals                                                                           | -         | 65              | 12                     | 4                      | 20                  | 10                  | 12                | 4                 | 12                   | 4                    | 12                     | 4                      | -               | 7          | 15       | 4           | -           | -            | 185    |
| 400 Funding                                                                      |           |                 |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | Totals |
| 405 Request and Review Information from Owner                                    |           | 20              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 20     |
| 410 Navigate New Federal BABA Requirements for Funding                           |           | 40              | 15                     |                        | 15                  |                     | 10                |                   | 10                   |                      | 10                     |                        |                 |            |          |             |             |              | 100    |
| 415 Produce Draft Safe Drinking Water Loan Program Application                   |           | 40              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        | 20              |            |          |             |             |              | 60     |
| 420 Produce Final Safe Drinking Water Loan Program Application                   |           | 15              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        | 20              |            |          |             |             |              | 35     |
| 425 Respond to WDNR Questions and Provide Supplemental Information               |           | 15              |                        |                        | 10                  |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 25     |
| 430 Support Loan Closing after Owner Awards Construction Project                 |           | 20              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 20     |
| 435 Support Owner with Congressionally Directed Spending Request                 | 3         | 30              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 33     |
| Totals                                                                           | 3         | 180             | 15                     | -                      | 25                  | -                   | 10                | -                 | 10                   | -                    | 10                     | -                      | 40              | -          | -        | -           | -           | -            | 293    |
| 500 Supplemental Services                                                        |           |                 |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | Totals |
| 505 Continue Pilot Testing and Data Analysis                                     |           | 5               |                        |                        | 80                  |                     |                   |                   |                      |                      |                        |                        |                 | 96         |          |             |             |              | 181    |
| 510 Add One Additional Process Train/Media to Pilot Test                         |           | 2               |                        |                        | 15                  |                     |                   |                   |                      |                      |                        |                        |                 | 20         |          |             |             |              | 37     |
| 515 Coordinate Scoping of Rapid Small Scale Column Testing (RSSCT) of GAC        |           | 5               |                        |                        | 15                  |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             |             |              | 20     |
| 520 Evaluate Media Disposal Alternatives                                         |           | 5               |                        |                        | 5                   |                     |                   |                   |                      |                      |                        |                        |                 |            |          |             | 10          | 40           | 60     |
| 525 Evaluate Feasibility of Alternative Groundwater Sources                      |           | 20              |                        |                        |                     |                     |                   |                   |                      |                      |                        |                        |                 | 50         |          | 40          |             |              | 110    |
| Totals                                                                           | -         | 37              | -                      | -                      | 115                 | -                   | -                 | -                 | -                    | -                    | -                      | -                      | -               | 166        | -        | 40          | 10          | 40           | 408    |

|                                           |         |           |          |          |          |          |          |          |          |          |          |          |         |          |          |          |          |          |           |
|-------------------------------------------|---------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|----------|-----------|
| Hourly Labor Charge-Out Rates             | \$250   | \$185     | \$185    | \$150    | \$185    | \$170    | \$220    | \$150    | \$200    | \$150    | \$200    | \$150    | \$80    | \$165    | \$165    | \$140    | \$165    | \$250    |           |
| Project Coordination and Agency Approvals | \$1,250 | \$45,510  | \$925    | \$0      | \$14,430 | \$0      | \$1,100  | \$0      | \$1,000  | \$0      | \$1,000  | \$0      | \$1,600 | \$6,930  | \$825    | \$0      | \$0      | \$0      |           |
| Design                                    | \$3,750 | \$55,500  | \$27,750 | \$52,650 | \$53,095 | \$83,470 | \$11,440 | \$18,150 | \$14,400 | \$24,150 | \$14,400 | \$24,150 | \$2,000 | \$11,055 | \$13,365 | \$21,000 | \$5,775  | \$8,750  |           |
| Bidding                                   | \$0     | \$12,025  | \$2,220  | \$600    | \$3,700  | \$1,700  | \$2,640  | \$600    | \$2,400  | \$600    | \$2,400  | \$600    | \$0     | \$1,155  | \$2,475  | \$560    | \$0      | \$0      |           |
| Funding                                   | \$750   | \$33,300  | \$2,775  | \$0      | \$4,625  | \$0      | \$2,200  | \$0      | \$2,000  | \$0      | \$2,000  | \$0      | \$3,200 | \$0      | \$0      | \$0      | \$0      | \$0      |           |
| Supplemental Services                     | \$750   | \$6,845   | \$0      | \$0      | \$21,275 | \$0      | \$0      | \$0      | \$0      | \$0      | \$0      | \$0      | \$0     | \$27,390 | \$0      | \$5,600  | \$1,650  | \$10,000 |           |
| Totals                                    | \$5,750 | \$153,180 | \$33,670 | \$53,250 | \$97,125 | \$85,170 | \$17,380 | \$18,750 | \$19,800 | \$24,750 | \$19,800 | \$24,750 | \$6,800 | \$46,530 | \$16,665 | \$27,160 | \$7,425  | \$18,750 |           |
|                                           |         |           |          |          |          |          |          |          |          |          |          |          |         | \$90,355 |          |          | \$26,175 |          |           |
| Design Phase Labor Fees                   | \$3,750 | \$55,500  | \$27,750 | \$52,650 | \$53,095 | \$83,470 | \$11,440 | \$18,150 | \$14,400 | \$24,150 | \$14,400 | \$24,150 | \$2,000 | \$11,055 | \$13,365 | \$21,000 | \$5,775  | \$8,750  | \$444,850 |
| % of Design Phase Labor                   | 0.84%   | 12.48%    |          | 6.24%    | 11.84%   | 18.76%   | 2.57%    | 4.08%    | 3.24%    | 5.43%    | 3.24%    | 5.43%    | 0.45%   | 2.49%    | 3.00%    | 4.72%    | 1.30%    | 1.97%    | 100.00%   |
|                                           |         |           |          | 18.07%   | 30.70%   | 6.65%    |          | 8.67%    |          | 8.67%    |          |          |         |          |          |          |          |          |           |

Labor Fee and Expenses Table

| Labor Fee | Travel Expenses | Other Expenses | Totals    |
|-----------|-----------------|----------------|-----------|
| \$8,880   |                 |                | \$8,880   |
| \$12,840  |                 |                | \$12,840  |
| \$13,100  | \$2,000         |                | \$15,100  |
| \$2,220   |                 |                | \$2,220   |
| \$8,880   |                 |                | \$8,880   |
| \$8,325   |                 |                | \$8,325   |
| \$8,325   | \$500           |                | \$8,825   |
| \$3,450   |                 |                | \$3,450   |
| \$8,550   |                 |                | \$8,550   |
| \$74,570  | \$2,500         | \$0            | \$77,070  |
| Labor Fee | Travel Expenses | Other Expenses | Totals    |
| \$4,170   |                 |                | \$4,170   |
| \$11,300  |                 | Survey         | \$11,300  |
| \$5,955   |                 | \$2,500        | \$8,455   |
| \$36,825  |                 |                | \$36,825  |
| \$6,525   | \$1,000         |                | \$7,525   |
| \$62,925  |                 |                | \$62,925  |
| \$6,625   | \$1,000         |                | \$7,625   |
| \$14,125  |                 |                | \$14,125  |
| \$66,400  |                 |                | \$66,400  |
| \$10,550  | \$1,000         |                | \$11,550  |
| \$138,250 |                 |                | \$138,250 |
| \$22,650  |                 |                | \$22,650  |
| \$35,200  |                 |                | \$35,200  |
| \$5,800   | \$1,000         |                | \$6,800   |
| \$17,550  |                 |                | \$17,550  |
| \$444,850 | \$4,000         | \$2,500        | \$451,350 |
| Labor Fee | Travel Expenses | Other Expenses | Totals    |
| \$4,425   | \$500           |                | \$4,925   |
| \$11,805  |                 |                | \$11,805  |
| \$11,805  |                 |                | \$11,805  |
| \$1,850   | \$500           |                | \$2,350   |
| \$3,790   |                 |                | \$3,790   |
| \$33,675  | \$1,000         | \$0            | \$34,675  |
| Labor Fee | Travel Expenses | Other Expenses | Totals    |
| \$3,700   |                 |                | \$3,700   |
| \$19,150  |                 |                | \$19,150  |
| \$9,000   |                 |                | \$9,000   |
| \$4,375   |                 |                | \$4,375   |
| \$4,625   |                 |                | \$4,625   |
| \$3,700   |                 |                | \$3,700   |
| \$6,300   |                 |                | \$6,300   |
| \$50,850  | \$0             | \$0            | \$50,850  |
| Labor Fee | Travel Expenses | Other Expenses | Totals    |
| \$31,565  |                 |                | \$31,565  |
| \$6,445   | \$1,000         |                | \$7,445   |
| \$3,700   |                 |                | \$3,700   |
| \$13,500  |                 |                | \$13,500  |
| \$17,550  |                 |                | \$17,550  |
| \$72,760  | \$1,000         | \$0            | \$73,760  |

|                                       |              |
|---------------------------------------|--------------|
| Budgeted Construction Cost            | \$14,347,826 |
| Design Labor Fee as % of Construction | 3.10%        |

|                    |           |
|--------------------|-----------|
| Total Labor Fee    | \$687,705 |
| Total Expenses     | \$11,000  |
| Total Compensation | \$698,705 |



**TO:** Wausau Waterworks Commission

**FROM:** TJ Niksich, P.E.  
Project Engineer

**DATE:** July 7, 2022

**SUBJECT:** Early Ordering of Piping and Appurtenance Materials for the 2023 Street Reconstruction Projects

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Ductile iron water main and related appurtenance materials are currently under high demand and facing severe shortages. This is the first year the city had to preorder materials to ensure timely delivery for reconstruction projects. This material order, which was placed in January, took approximately six months to be delivered and there are still some materials that have not been received. I have discussed the material lead time with the area's main suppliers, and they are in agreement that next year will likely be worse, with an approximate lead time ranging from 6 to 12 months.

A list of materials for the proposed 2023 projects was sent to Ferguson Waterworks and Core & Main for competitive pricing. The due date for the pricing is 7/11/2022 at 12:00 P.M., so the pricing will be provided to the commission at the time of the 7/12/2022 meeting. The pricing provided is at current costs and will likely not be the priced paid upon delivery. The pricing is only guaranteed for 30 days and given the rapidly changing landscape of raw material availability and pricing; it is likely that the actual cost of the order will be higher.

As an alternative to placing an order that is project specific, we have recently been offered to purchase piping and appurtenances that were placed for other projects, but the order was cancelled. In this specific case, the ductile iron pipe was Class 52, which has a thicker wall dimension than the Class 50 that the city typically specifies. Given the thick wall dimension, the material would be more expensive at today's pricing, but would likely be cheaper than what would be paid for materials delivered next year and would also guarantee delivery prior to the 2023 project start dates. This particular order is no longer available as it was quickly sold, but another opportunity may arise and could be beneficial to purchase given the current market.



# Bid Proposal for Wausau - Sewer & Water Utilities Reconstruction

CUSTOMER

**WAUSAU WATER UTILITY**

C/O CITY GARAGE  
1701 N RIVER DR  
WAUSAU, WI 54403

**Job**

Wausau - Sewer & Water Utilities  
Reconstruction  
Bid Date: 07/11/2022  
Bid #: 2424665

CONTACT

**Sales Representative**

Eric VanLaanen  
(M) 920-241-9163  
(T) 920-983-8510  
(F) 920-983-8514  
Eric.VanLaanen@coreandmain.com

**Core & Main**

2100 Little Rapids Rd  
De Pere, WI 54115  
(T) 920-983-8510

NOTES



## Bid Proposal for Wausau - Sewer & Water Utilities Reconstruction

**WAUSAU WATER UTILITY**
**Bid Date:** 07/11/2022

**Core & Main** 2424665

**Core & Main**

2100 Little Rapids Rd

De Pere, WI 54115

**Phone:** 920-983-8510

**Fax:** 920-983-8514

| Seq# | Qty  | Description                                                                                                                                                                                                                                                                                                                                          | Units | Price  | Ext Price        |
|------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|------------------|
|      |      | <b>DUE TO CURRENT SUPPLY CHAIN DISRUPTIONS, MATERIALS ARE SUBJECT TO PRICING AT TIME OF SHIPMENT. MATERIAL AVAILABILITY AND TIMELINESS OF SHIPMENTS CANNOT BE GUARANTEED. THIS TERM SUPERSEDES ALL OTHER CONTRACTUAL PROVISIONS.</b>                                                                                                                 |       |        |                  |
|      |      | <b>DUE TO ESCALATED PRICES ON SCRAP METAL, RESULTING FROM THE RUSSIA-UKRAINE WAR, A MANUFACTURER IMPOSED SURCHARGE WILL BE ADDED TO ALL SHIPMENTS OF DUCTILE IRON PIPE. AN ESTIMATE OF THE SURCHARGE IS INCLUDED IN THIS BID FOR YOUR REFERENCE. THE MANUFACTURER SURCHARGE IS SUBJECT TO CHANGE AND WILL BE CALCULATED AT THE TIME OF SHIPMENT.</b> |       |        |                  |
| 10   |      | <b>HENRIETTA STREET</b>                                                                                                                                                                                                                                                                                                                              |       |        |                  |
| 20   |      | <b>900.0106.S</b>                                                                                                                                                                                                                                                                                                                                    |       |        |                  |
| 30   | 100  | 6 TJ CL50 PR350 DI PIPE                                                                                                                                                                                                                                                                                                                              | FT    | 23.15  | 2,315.00         |
|      |      | <b>SUBTOTAL</b>                                                                                                                                                                                                                                                                                                                                      |       |        | <b>2,315.00</b>  |
| 40   |      | <b>900.0108.S</b>                                                                                                                                                                                                                                                                                                                                    |       |        |                  |
| 50   | 1940 | 8 TJ CL50 DI PIPE                                                                                                                                                                                                                                                                                                                                    | FT    | 31.14  | 60,411.60        |
|      |      | <b>SUBTOTAL</b>                                                                                                                                                                                                                                                                                                                                      |       |        | <b>60,411.60</b> |
| 60   |      | <b>901.0806.S</b>                                                                                                                                                                                                                                                                                                                                    |       |        |                  |
| 70   | 4    | 8X6 MJ TEE C153 USA                                                                                                                                                                                                                                                                                                                                  | EA    | 279.11 | 1,116.44         |
| 80   | 8    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK                                                                                                                                                                                                                                                                                                     | EA    | 82.00  | 656.00           |
| 90   | 4    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK                                                                                                                                                                                                                                                                                                       | EA    | 67.00  | 268.00           |
| 100  |      | <b>GASKET &amp; BOLTS INCLUDED</b>                                                                                                                                                                                                                                                                                                                   |       |        |                  |
|      |      | <b>SUBTOTAL</b>                                                                                                                                                                                                                                                                                                                                      |       |        | <b>2,040.44</b>  |
| 110  |      | <b>901.0808.S</b>                                                                                                                                                                                                                                                                                                                                    |       |        |                  |
| 120  | 2    | 8 MJ TEE C153 USA                                                                                                                                                                                                                                                                                                                                    | EA    | 330.80 | 661.60           |
| 130  | 6    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK                                                                                                                                                                                                                                                                                                     | EA    | 82.00  | 492.00           |
|      |      | <b>SUBTOTAL</b>                                                                                                                                                                                                                                                                                                                                      |       |        | <b>1,153.60</b>  |
| 140  |      | <b>902.0808.S</b>                                                                                                                                                                                                                                                                                                                                    |       |        |                  |
| 150  | 1    | 8 MJ CROSS C153 USA                                                                                                                                                                                                                                                                                                                                  | EA    | 491.03 | 491.03           |
| 160  | 4    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK                                                                                                                                                                                                                                                                                                     | EA    | 82.00  | 328.00           |
|      |      | <b>SUBTOTAL</b>                                                                                                                                                                                                                                                                                                                                      |       |        | <b>819.03</b>    |
| 170  |      | <b>903.0645.S</b>                                                                                                                                                                                                                                                                                                                                    |       |        |                  |
| 180  | 2    | 6 MJ 45 C153 USA                                                                                                                                                                                                                                                                                                                                     | EA    | 127.50 | 255.00           |
| 190  | 4    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK                                                                                                                                                                                                                                                                                                       | EA    | 67.00  | 268.00           |
|      |      | <b>SUBTOTAL</b>                                                                                                                                                                                                                                                                                                                                      |       |        | <b>523.00</b>    |
| 200  |      | <b>903.0822.S</b>                                                                                                                                                                                                                                                                                                                                    |       |        |                  |
| 210  | 2    | 8 MJ 22-1/2 C153 USA                                                                                                                                                                                                                                                                                                                                 | EA    | 176.61 | 353.22           |
| 220  | 4    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK                                                                                                                                                                                                                                                                                                     | EA    | 82.00  | 328.00           |



## Bid Proposal for Wausau - Sewer & Water Utilities Reconstruction

Bid #: 2424665

| Seq#            | Qty  | Description                                            | Units | Price    | Ext Price        |
|-----------------|------|--------------------------------------------------------|-------|----------|------------------|
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>681.22</b>    |
| 230             |      | <b>903.0845.S</b>                                      |       |          |                  |
| 240             | 4    | 8 MJ 45 C153 USA                                       | EA    | 180.05   | 720.20           |
| 250             | 8    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00    | 656.00           |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>1,376.20</b>  |
| 260             |      | <b>904.0806.S</b>                                      |       |          |                  |
| 270             | 3    | 8X6 MJ RED C153 USA                                    | EA    | 148.17   | 444.51           |
| 280             | 3    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00    | 246.00           |
| 290             | 3    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00    | 201.00           |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>891.51</b>    |
| 300             |      | <b>905.0006.S</b>                                      |       |          |                  |
| 310             | 4    | 6 AFC 2506MM MJ RW GV OL L/ACC DI BODY                 | EA    | 1,005.00 | 4,020.00         |
| 320             | 4    | 6 ADAPTER RW GATE VALVE                                | EA    | 97.00    | 388.00           |
| 330             | 4    | "DD" VALVE BOX DOM                                     | EA    | 360.00   | 1,440.00         |
| 340             | 8    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00    | 536.00           |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>6,384.00</b>  |
| 350             |      | <b>905.0008.S</b>                                      |       |          |                  |
| 360             | 10   | 8 AFC 2508MM MJ RW GV OL L/ACC DI BODY                 | EA    | 1,598.00 | 15,980.00        |
| 370             | 10   | 8 ADAPTER RW GATE VALVE                                | EA    | 99.00    | 990.00           |
| 380             | 10   | "DD" VALVE BOX DOM                                     | EA    | 360.00   | 3,600.00         |
| 390             | 20   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00    | 1,640.00         |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>22,210.00</b> |
| 400             |      | <b>906.0100.S</b>                                      |       |          |                  |
| 410             | 4    | WB67 5-1/4VO 7'6"B DDP HYD 16" BO 6MJ RED              | EA    | 4,000.00 | 16,000.00        |
| 420             | 4    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00    | 268.00           |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>16,268.00</b> |
| 430             |      | <b>908.0100.S</b>                                      |       |          |                  |
| 440             | 1430 | 1 SOFT K COPPER TUBE 100'                              | FT    | 8.95     | 12,798.50        |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>12,798.50</b> |
| 450             |      | <b>CURB BOX</b>                                        |       |          |                  |
| 460             | 40   | 7'0" 5614 MP CURB BOX                                  | EA    | 59.00    | 2,360.00         |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>2,360.00</b>  |
| 470             |      | <b>1" CORP</b>                                         |       |          |                  |
| 480             | 40   | FB1000-4QNL 1 B CORP CCXCTS QJ NO LEAD                 | EA    | 94.00    | 3,760.00         |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>3,760.00</b>  |
| 490             |      | <b>6" DUO SLEEVE</b>                                   |       |          |                  |
| 500             | 3    | 6 MJ L/P DUAL SLV C110 USA                             | EA    | 390.25   | 1,170.75         |
| 510             | 3    | 6 MEGALUG OVERSIZE DI 110600X GRAY RESTRAINT ONLY EBAA | EA    | 78.00    | 234.00           |
| 520             | 3    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00    | 201.00           |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>1,605.75</b>  |
| 530             |      | <b>6" SLEEVE</b>                                       |       |          |                  |
| 540             | 3    | 6 MJ L/P SLV C153 USA                                  | EA    | 136.11   | 408.33           |
| 550             | 6    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00    | 402.00           |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>810.33</b>    |
| 560             |      | <b>8" DUO SLEEVE</b>                                   |       |          |                  |
| 570             | 2    | 8 MJ L/P DUAL SLV C110 USA                             | EA    | 496.20   | 992.40           |
| 580             | 2    | 8 MEGALUG OVERSIZE DI 110800X GRAY RESTRAINT ONLY EBAA | EA    | 102.00   | 204.00           |
| 590             | 2    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00    | 164.00           |
| <b>SUBTOTAL</b> |      |                                                        |       |          | <b>1,360.40</b>  |
| 600             |      | <b>8" SLEEVE</b>                                       |       |          |                  |
| 610             | 2    | 8 MJ L/P SLV C153 USA                                  | EA    | 176.61   | 353.22           |

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Actual taxes may vary

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## Bid Proposal for Wausau - Sewer & Water Utilities Reconstruction

Bid #: 2424665

| Seq# | Qty  | Description                                      | Units | Price           | Ext Price         |
|------|------|--------------------------------------------------|-------|-----------------|-------------------|
| 620  | 4    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 328.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>681.22</b>     |
| 630  |      | <b>10" SLEEVE</b>                                |       |                 |                   |
| 640  | 1    | 10 MJ L/P SLV C153 USA                           | EA    | 263.61          | 263.61            |
| 650  | 2    | 10 EBAA MEGALUG MJ DI 1110 RST F/DI PIPE , BLACK | EA    | 115.00          | 230.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>493.61</b>     |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>138,943.41</b> |
| 660  |      | <b>NORTH 10TH AVE RECONSTRUCT</b>                |       |                 |                   |
| 670  |      | <b>900.0106.S</b>                                |       |                 |                   |
| 680  | 180  | 6 TJ CL50 PR350 DI PIPE                          | FT    | 23.15           | 4,167.00          |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>4,167.00</b>   |
| 690  |      | <b>900.0108.S</b>                                |       |                 |                   |
| 700  | 2230 | 8 TJ CL50 DI PIPE                                | FT    | 31.14           | 69,442.20         |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>69,442.20</b>  |
| 710  |      | <b>900.0112.S</b>                                |       |                 |                   |
| 720  | 100  | 12 TJ CL50 DI PIPE                               | FT    | 57.37           | 5,737.00          |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>5,737.00</b>   |
| 730  |      | <b>901.0806.S</b>                                |       |                 |                   |
| 740  | 7    | 8X6 MJ TEE C153 USA                              | EA    | 279.11          | 1,953.77          |
| 750  | 14   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 1,148.00          |
| 760  | 7    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK   | EA    | 67.00           | 469.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>3,570.77</b>   |
| 770  |      | <b>901.0808.S</b>                                |       |                 |                   |
| 780  | 4    | 8 MJ TEE C153 USA                                | EA    | 330.80          | 1,323.20          |
| 790  | 12   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 984.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>2,307.20</b>   |
| 800  |      | <b>902.1008.S</b>                                |       |                 |                   |
| 810  | 1    | 10X8 MJ CROSS C153 USA                           | EA    | 595.27          | 595.27            |
| 820  | 2    | 10 EBAA MEGALUG MJ DI 1110 RST F/DI PIPE , BLACK | EA    | 115.00          | 230.00            |
| 830  | 2    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 164.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>989.27</b>     |
| 840  |      | <b>902.1208.S</b>                                |       |                 |                   |
| 850  | 1    | 12X8 MJ CROSS C153 USA                           | EA    | 650.40          | 650.40            |
| 860  | 2    | 12 EBAA MEGALUG MJ DI 1112 RST F/DI PIPE , BLACK | EA    | 140.00          | 280.00            |
| 870  | 2    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 164.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>1,094.40</b>   |
| 880  |      | <b>903.0645.S</b>                                |       |                 |                   |
| 890  | 2    | 6 MJ 45 C153 USA                                 | EA    | 127.50          | 255.00            |
| 900  | 4    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK   | EA    | 67.00           | 268.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>523.00</b>     |
| 910  |      | <b>903.0822.S</b>                                |       |                 |                   |
| 920  | 2    | 8 MJ 22-1/2 C153 USA                             | EA    | 176.61          | 353.22            |
| 930  | 4    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 328.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>681.22</b>     |
| 940  |      | <b>903.0845.S</b>                                |       |                 |                   |
| 950  | 4    | 8 MJ 45 C153 USA                                 | EA    | 180.05          | 720.20            |
| 960  | 8    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 656.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>1,376.20</b>   |
| 970  |      | <b>904.0806.S</b>                                |       |                 |                   |
| 980  | 6    | 8X6 MJ RED C153 USA                              | EA    | 148.17          | 889.02            |
| 990  | 6    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 492.00            |



## Bid Proposal for Wausau - Sewer & Water Utilities Reconstruction

Bid #: 2424665

| Seq# | Qty  | Description                                            | Units | Price           | Ext Price        |
|------|------|--------------------------------------------------------|-------|-----------------|------------------|
| 1000 | 6    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00           | 402.00           |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>1,783.02</b>  |
| 1010 |      | <b>904.1210.S</b>                                      |       |                 |                  |
| 1020 | 2    | 12X10 MJ RED C153 USA                                  | EA    | 342.86          | 685.72           |
| 1030 | 2    | 12 EBAA MEGALUG MJ DI 1112 RST F/DI PIPE , BLACK       | EA    | 140.00          | 280.00           |
| 1040 | 2    | 10 EBAA MEGALUG MJ DI 1110 RST F/DI PIPE , BLACK       | EA    | 115.00          | 230.00           |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>1,195.72</b>  |
| 1050 |      | <b>6" PLUG</b>                                         |       |                 |                  |
| 1060 | 1    | 6 MJ PLUG C153 USA                                     | EA    | 110.00          | 110.00           |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>110.00</b>    |
| 1070 |      | <b>905.0006.S</b>                                      |       |                 |                  |
| 1080 | 6    | 6 AFC 2506MM MJ RW GV OL L/ACC DI BODY                 | EA    | 1,005.00        | 6,030.00         |
| 1090 | 6    | 6 ADAPTER RW GATE VALVE                                | EA    | 97.00           | 582.00           |
| 1100 | 6    | "DD" VALVE BOX DOM                                     | EA    | 360.00          | 2,160.00         |
| 1110 | 12   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00           | 804.00           |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>9,576.00</b>  |
| 1120 |      | <b>905.0008.S</b>                                      |       |                 |                  |
| 1130 | 14   | 8 AFC 2508MM MJ RW GV OL L/ACC DI BODY                 | EA    | 1,598.00        | 22,372.00        |
| 1140 | 14   | 8 ADAPTER RW GATE VALVE                                | EA    | 99.00           | 1,386.00         |
| 1150 | 14   | "DD" VALVE BOX DOM                                     | EA    | 360.00          | 5,040.00         |
| 1160 | 28   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00           | 2,296.00         |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>31,094.00</b> |
| 1170 |      | <b>905.0012.S</b>                                      |       |                 |                  |
| 1180 | 2    | 12 AFC 2512MM MJ RW GV OL L/A DI BODY                  | EA    | 3,152.00        | 6,304.00         |
| 1190 | 2    | 12 ADAPTER RW GATE VALVE                               | EA    | 109.00          | 218.00           |
| 1200 | 2    | "DD" VALVE BOX DOM                                     | EA    | 360.00          | 720.00           |
| 1210 | 4    | 12 EBAA MEGALUG MJ DI 1112 RST F/DI PIPE , BLACK       | EA    | 140.00          | 560.00           |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>7,802.00</b>  |
| 1220 |      | <b>906.0100.S</b>                                      |       |                 |                  |
| 1230 | 6    | WB67 5-1/4VO 7'6"B DDP HYD 16" BO 6MJ RED              | EA    | 4,000.00        | 24,000.00        |
| 1240 | 6    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00           | 402.00           |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>24,402.00</b> |
| 1250 |      | <b>908.0100.S</b>                                      |       |                 |                  |
| 1260 | 1800 | 1 SOFT K COPPER TUBE 100'                              | FT    | 8.95            | 16,110.00        |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>16,110.00</b> |
| 1270 |      | <b>CURB BOX</b>                                        |       |                 |                  |
| 1280 | 48   | 7'0" 5614 MP CURB BOX                                  | EA    | 59.00           | 2,832.00         |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>2,832.00</b>  |
| 1290 |      | <b>1" CORP</b>                                         |       |                 |                  |
| 1300 | 48   | FB1000-4QNL 1 B CORP CCXCTS QJ NO LEAD                 | EA    | 94.00           | 4,512.00         |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>4,512.00</b>  |
| 1310 |      | <b>6" SLEEVE</b>                                       |       |                 |                  |
| 1320 | 6    | 6 MJ L/P SLV C153 USA                                  | EA    | 136.11          | 816.66           |
| 1330 | 12   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00           | 804.00           |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>1,620.66</b>  |
| 1340 |      | <b>6" DUO SLEEVE</b>                                   |       |                 |                  |
| 1350 | 6    | 6 MJ L/P DUAL SLV C110 USA                             | EA    | 390.25          | 2,341.50         |
| 1360 | 6    | 6 MEGALUG OVERSIZE DI 110600X GRAY RESTRAINT ONLY EBAA | EA    | 78.00           | 468.00           |
| 1370 | 6    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00           | 402.00           |
|      |      |                                                        |       | <b>SUBTOTAL</b> | <b>3,211.50</b>  |
| 1380 |      | <b>10" SLEEVE</b>                                      |       |                 |                  |



## Bid Proposal for Wausau - Sewer & Water Utilities Reconstruction

Bid #: 2424665

| Seq# | Qty  | Description                                      | Units | Price           | Ext Price         |
|------|------|--------------------------------------------------|-------|-----------------|-------------------|
| 1390 | 1    | 10 MJ L/P SLV C153 USA                           | EA    | 263.61          | 263.61            |
| 1400 | 2    | 10 EBAA MEGALUG MJ DI 1110 RST F/DI PIPE , BLACK | EA    | 115.00          | 230.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>493.61</b>     |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>194,630.77</b> |
| 1410 |      | <b>NORTH 17TH AVENUE RECONSTRUCT</b>             |       |                 |                   |
| 1420 |      | <b>900.0104.S</b>                                |       |                 |                   |
| 1430 | 40   | 4 TJ CL52 DI PIPE                                | FT    | 37.83           | 1,513.20          |
|      |      | CL50 NOT AVAILABLE                               |       |                 |                   |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>1,513.20</b>   |
| 1450 |      | <b>900.0106.S</b>                                |       |                 |                   |
| 1460 | 100  | 6 TJ CL50 PR350 DI PIPE                          | FT    | 23.15           | 2,315.00          |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>2,315.00</b>   |
| 1470 |      | <b>900.0108.S</b>                                |       |                 |                   |
| 1480 | 1530 | 8 TJ CL50 DI PIPE                                | FT    | 31.14           | 47,644.20         |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>47,644.20</b>  |
| 1490 |      | <b>901.0804.S</b>                                |       |                 |                   |
| 1500 | 2    | 8X4 MJ TEE C153 USA                              | EA    | 230.02          | 460.04            |
| 1510 | 4    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 328.00            |
| 1520 | 2    | 4 EBAA MEGALUG MJ DI 1104 RSTR F/DI PIPE , BLACK | EA    | 45.00           | 90.00             |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>878.04</b>     |
| 1530 |      | <b>901.0806.S</b>                                |       |                 |                   |
| 1540 | 6    | 8X6 MJ TEE C153 USA                              | EA    | 279.11          | 1,674.66          |
| 1550 | 12   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 984.00            |
| 1560 | 6    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK   | EA    | 67.00           | 402.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>3,060.66</b>   |
| 1570 |      | <b>901.0808.S</b>                                |       |                 |                   |
| 1580 | 1    | 8 MJ TEE C153 USA                                | EA    | 330.80          | 330.80            |
| 1590 | 3    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 246.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>576.80</b>     |
| 1600 |      | <b>903.0845.S</b>                                |       |                 |                   |
| 1610 | 4    | 8 MJ 45 C153 USA                                 | EA    | 180.05          | 720.20            |
| 1620 | 8    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 656.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>1,376.20</b>   |
| 1630 |      | <b>904.0806.S</b>                                |       |                 |                   |
| 1640 | 1    | 8X6 MJ RED C153 USA                              | EA    | 148.17          | 148.17            |
| 1650 | 1    | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK | EA    | 82.00           | 82.00             |
| 1660 | 1    | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK   | EA    | 67.00           | 67.00             |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>297.17</b>     |
| 1670 |      | <b>905.0004.S</b>                                |       |                 |                   |
| 1680 | 2    | 4 AFC 2504MM MJ RW GV OL L/A DI BODY             | EA    | 787.00          | 1,574.00          |
| 1690 | 2    | 4 ADAPTER RW GATE VALVE                          | EA    | 92.00           | 184.00            |
| 1700 | 2    | "DD" VALVE BOX DOM                               | EA    | 360.00          | 720.00            |
| 1710 | 4    | 4 EBAA MEGALUG MJ DI 1104 RSTR F/DI PIPE , BLACK | EA    | 45.00           | 180.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>2,658.00</b>   |
| 1720 |      | <b>905.0006.S</b>                                |       |                 |                   |
| 1730 | 6    | 6 AFC 2506MM MJ RW GV OL L/ACC DI BODY           | EA    | 1,005.00        | 6,030.00          |
| 1740 | 6    | 6 ADAPTER RW GATE VALVE                          | EA    | 97.00           | 582.00            |
| 1750 | 6    | "DD" VALVE BOX DOM                               | EA    | 360.00          | 2,160.00          |
| 1760 | 12   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK   | EA    | 67.00           | 804.00            |
|      |      |                                                  |       | <b>SUBTOTAL</b> | <b>9,576.00</b>   |
| 1770 |      | <b>905.0008.S</b>                                |       |                 |                   |



## Bid Proposal for Wausau - Sewer & Water Utilities Reconstruction

Bid #: 2424665

| Seq# | Qty | Description                                                     | Units | Price           | Ext Price        |
|------|-----|-----------------------------------------------------------------|-------|-----------------|------------------|
| 1780 | 5   | 8 AFC 2508MM MJ RW GV OL L/ACC DI BODY                          | EA    | 1,598.00        | 7,990.00         |
| 1790 | 5   | 8 ADAPTER RW GATE VALVE                                         | EA    | 99.00           | 495.00           |
| 1800 | 5   | "DD" VALVE BOX DOM                                              | EA    | 360.00          | 1,800.00         |
| 1810 | 10  | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK                | EA    | 82.00           | 820.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>11,105.00</b> |
| 1820 |     | <b>906.0100.S</b>                                               |       |                 |                  |
| 1830 | 3   | WB67 5-1/4VO 7'6"B DDP HYD 16" BO 6MJ RED                       | EA    | 4,000.00        | 12,000.00        |
| 1840 | 3   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK                  | EA    | 67.00           | 201.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>12,201.00</b> |
| 1850 |     | <b>908.0100.S</b>                                               |       |                 |                  |
| 1860 | 150 | 1 SOFT K COPPER TUBE 100'                                       | FT    | 8.95            | 1,342.50         |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>1,342.50</b>  |
| 1870 |     | <b>1.5" COPPER</b>                                              |       |                 |                  |
| 1880 | 50  | 1-1/2 SOFT K COPPER TUBE 60'                                    | FT    | 14.40           | 720.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>720.00</b>    |
| 1890 |     | <b>2" COPPER</b>                                                |       |                 |                  |
| 1900 | 200 | 2 SOFT K COPPER TUBE 60'                                        | FT    | 22.32           | 4,464.00         |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>4,464.00</b>  |
| 1910 |     | <b>1" CURB BOX</b>                                              |       |                 |                  |
| 1920 | 4   | 7'0" 5614 MP CURB BOX                                           | EA    | 59.00           | 236.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>236.00</b>    |
| 1930 |     | <b>1" CORP</b>                                                  |       |                 |                  |
| 1940 | 4   | FB1000-4QNL 1 B CORP CCXCTS QJ NO LEAD                          | EA    | 94.00           | 376.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>376.00</b>    |
| 1950 |     | <b>1.5" CURB BOX</b>                                            |       |                 |                  |
| 1960 | 1   | 7'0" 5615 MP CURB BOX                                           | EA    | 59.00           | 59.00            |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>59.00</b>     |
| 1970 |     | <b>1.5" CORP</b>                                                |       |                 |                  |
| 1980 | 1   | FB1000-6QNL 1-1/2 CORP CCXQCK NO LEAD                           | EA    | 211.00          | 211.00           |
| 1990 |     | <b>FIELD VERIFY OD OF WATERMAIN</b>                             |       |                 |                  |
| 2000 | 1   | 317-101013-000 8X1-1/2CC SDL EPOXY W/304SS STRAPS 8.54-10.10 OD | EA    | 118.00          | 118.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>329.00</b>    |
| 2010 |     | <b>2" CURB BOX</b>                                              |       |                 |                  |
| 2020 | 1   | 7'0" 5615 MP CURB BOX                                           | EA    | 59.00           | 59.00            |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>59.00</b>     |
| 2030 |     | <b>2" CORP</b>                                                  |       |                 |                  |
| 2040 | 1   | FB1000-7QNL 2 CCXQK CONN CORP NO LEAD                           | EA    | 349.00          | 349.00           |
| 2050 |     | <b>FIELD VERIFY OD OF WATERMAIN</b>                             |       |                 |                  |
| 2060 | 1   | 317-101015-000 8X2CC SADDLE EPOXY W/304SS STRAPS 8.54-10.10 OD  | EA    | 129.00          | 129.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>478.00</b>    |
| 2070 |     | <b>8" TAP PLUG</b>                                              |       |                 |                  |
| 2080 | 1   | 8X2 MJ TAPT PLUG C153 USA                                       | EA    | 187.21          | 187.21           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>187.21</b>    |
| 2090 |     | <b>4" SLEEVE</b>                                                |       |                 |                  |
| 2100 | 2   | 4 MJ L/P SLV C153 USA                                           | EA    | 91.32           | 182.64           |
| 2110 | 4   | 4 EBAA MEGALUG MJ DI 1104 RSTR F/DI PIPE , BLACK                | EA    | 45.00           | 180.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>362.64</b>    |
| 2120 |     | <b>4" DUAL SLEEVE</b>                                           |       |                 |                  |
| 2130 | 1   | 4 MJ L/P DUAL SLV C110 USA                                      | EA    | 309.27          | 309.27           |
| 2140 | 1   | 4 MEGALUG OVERSIZE DI 110400X GRAY RESTRAINT ONLY EBAA          | EA    | 67.00           | 67.00            |
| 2150 | 1   | 4 EBAA MEGALUG MJ DI 1104 RSTR F/DI PIPE , BLACK                | EA    | 45.00           | 45.00            |

07/11/2022 - 3:00 PM

Actual taxes may vary

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## Bid Proposal for Wausau - Sewer & Water Utilities Reconstruction

Bid #: 2424665

| Seq# | Qty | Description                                            | Units | Price           | Ext Price         |
|------|-----|--------------------------------------------------------|-------|-----------------|-------------------|
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>421.27</b>     |
| 2160 |     | <b>6" SLEEVE</b>                                       |       |                 |                   |
| 2170 | 3   | 6 MJ L/P SLV C153 USA                                  | EA    | 136.11          | 408.33            |
| 2180 | 6   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00           | 402.00            |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>810.33</b>     |
| 2190 |     | <b>6" DUO SLEEVE</b>                                   |       |                 |                   |
| 2200 | 2   | 6 MJ L/P DUAL SLV C110 USA                             | EA    | 390.25          | 780.50            |
| 2210 | 2   | 6 MEGALUG OVERSIZE DI 110600X GRAY RESTRAINT ONLY EBAA | EA    | 78.00           | 156.00            |
| 2220 | 2   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00           | 134.00            |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>1,070.50</b>   |
| 2230 |     | <b>8" SLEEVE</b>                                       |       |                 |                   |
| 2240 | 2   | 8 MJ L/P SLV C153 USA                                  | EA    | 176.61          | 353.22            |
| 2250 | 4   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00           | 328.00            |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>681.22</b>     |
| 2260 |     | <b>8" DUO SLEEVE</b>                                   |       |                 |                   |
| 2270 | 1   | 8 MJ L/P DUAL SLV C110 USA                             | EA    | 496.20          | 496.20            |
| 2280 | 1   | 8 MEGALUG OVERSIZE DI 110800X GRAY RESTRAINT ONLY EBAA | EA    | 102.00          | 102.00            |
| 2290 | 1   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00           | 82.00             |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>680.20</b>     |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>105,478.14</b> |
| 2300 |     | <b>GRANT STREET RECONSTRUCT</b>                        |       |                 |                   |
| 2310 |     | <b>900.0106.S</b>                                      |       |                 |                   |
| 2320 | 40  | 6 TJ CL50 PR350 DI PIPE                                | FT    | 23.15           | 926.00            |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>926.00</b>     |
| 2330 |     | <b>900.0108.S</b>                                      |       |                 |                   |
| 2340 | 520 | 8 TJ CL50 DI PIPE                                      | FT    | 31.14           | 16,192.80         |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>16,192.80</b>  |
| 2350 |     | <b>901.0806.S</b>                                      |       |                 |                   |
| 2360 | 1   | 8X6 MJ TEE C153 USA                                    | EA    | 279.11          | 279.11            |
| 2370 | 2   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00           | 164.00            |
| 2380 | 1   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00           | 67.00             |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>510.11</b>     |
| 2390 |     | <b>903.00645.S</b>                                     |       |                 |                   |
| 2400 | 2   | 6 MJ 45 C153 USA                                       | EA    | 127.50          | 255.00            |
| 2410 | 4   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00           | 268.00            |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>523.00</b>     |
| 2420 |     | <b>903.0822.S</b>                                      |       |                 |                   |
| 2430 | 2   | 8 MJ 22-1/2 C153 USA                                   | EA    | 176.61          | 353.22            |
| 2440 | 4   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00           | 328.00            |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>681.22</b>     |
| 2450 |     | <b>903.0845.S</b>                                      |       |                 |                   |
| 2460 | 2   | 8 MJ 45 C153 USA                                       | EA    | 180.05          | 360.10            |
| 2470 | 4   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00           | 328.00            |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>688.10</b>     |
| 2480 |     | <b>904.0806.S</b>                                      |       |                 |                   |
| 2490 | 2   | 8X6 MJ RED C153 USA                                    | EA    | 148.17          | 296.34            |
| 2500 | 2   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK       | EA    | 82.00           | 164.00            |
| 2510 | 2   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK         | EA    | 67.00           | 134.00            |
|      |     |                                                        |       | <b>SUBTOTAL</b> | <b>594.34</b>     |
| 2520 |     | <b>905.0006.S</b>                                      |       |                 |                   |
| 2530 | 1   | 6 AFC 2506MM MJ RW GV OL L/ACC DI BODY                 | EA    | 1,005.00        | 1,005.00          |



## Bid Proposal for Wausau - Sewer & Water Utilities Reconstruction

Bid #: 2424665

| Seq# | Qty | Description                                                     | Units | Price           | Ext Price        |
|------|-----|-----------------------------------------------------------------|-------|-----------------|------------------|
| 2540 | 1   | 6 ADAPTER RW GATE VALVE                                         | EA    | 97.00           | 97.00            |
| 2550 | 1   | "DD" VALVE BOX DOM                                              | EA    | 360.00          | 360.00           |
| 2560 | 2   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK                  | EA    | 67.00           | 134.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>1,596.00</b>  |
| 2570 |     | <b>905.0008.S</b>                                               |       |                 |                  |
| 2580 | 2   | 8 AFC 2508MM MJ RW GV OL L/ACC DI BODY                          | EA    | 1,598.00        | 3,196.00         |
| 2590 | 2   | 8 ADAPTER RW GATE VALVE                                         | EA    | 99.00           | 198.00           |
| 2600 | 2   | "DD" VALVE BOX DOM                                              | EA    | 360.00          | 720.00           |
| 2610 | 4   | 8 EBAA MEGALUG MJ DI 1108 RSTR F/DI PIPE , BLACK                | EA    | 82.00           | 328.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>4,442.00</b>  |
| 2620 |     | <b>906.0100.S</b>                                               |       |                 |                  |
| 2630 | 1   | WB67 5-1/4VO 7'6"B DDP HYD 16" BO 6MJ RED                       | EA    | 4,000.00        | 4,000.00         |
| 2640 | 1   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK                  | EA    | 67.00           | 67.00            |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>4,067.00</b>  |
| 2650 |     | <b>908.0100.S</b>                                               |       |                 |                  |
| 2660 | 450 | 1 SOFT K COPPER TUBE 100'                                       | FT    | 8.95            | 4,027.50         |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>4,027.50</b>  |
| 2670 |     | <b>1" CURB BOX</b>                                              |       |                 |                  |
| 2680 | 12  | 7'0" 5614 MP CURB BOX                                           | EA    | 59.00           | 708.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>708.00</b>    |
| 2690 |     | <b>1" CORP</b>                                                  |       |                 |                  |
| 2700 | 12  | FB1000-4QNL 1 B CORP CCXCTS QJ NO LEAD                          | EA    | 94.00           | 1,128.00         |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>1,128.00</b>  |
| 2710 |     | <b>4" SLEEVE</b>                                                |       |                 |                  |
| 2720 | 1   | 4 MJ L/P SLV C153 USA                                           | EA    | 91.32           | 91.32            |
| 2730 | 2   | 4 EBAA MEGALUG MJ DI 1104 RSTR F/DI PIPE , BLACK                | EA    | 45.00           | 90.00            |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>181.32</b>    |
| 2740 |     | <b>4" DUAL SLEEVE</b>                                           |       |                 |                  |
| 2750 | 1   | 4 MJ L/P DUAL SLV C110 USA                                      | EA    | 309.27          | 309.27           |
| 2760 | 1   | 4 MEGALUG OVERSIZE DI 110400X GRAY RESTRAINT ONLY EBAA          | EA    | 67.00           | 67.00            |
| 2770 | 1   | 4 EBAA MEGALUG MJ DI 1104 RSTR F/DI PIPE , BLACK                | EA    | 45.00           | 45.00            |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>421.27</b>    |
| 2780 |     | <b>6" SLEEVE</b>                                                |       |                 |                  |
| 2790 | 2   | 6 MJ L/P SLV C153 USA                                           | EA    | 136.11          | 272.22           |
| 2800 | 4   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK                  | EA    | 67.00           | 268.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>540.22</b>    |
| 2810 |     | <b>6" DUO SLEEVE</b>                                            |       |                 |                  |
| 2820 | 2   | 6 MJ L/P DUAL SLV C110 USA                                      | EA    | 390.25          | 780.50           |
| 2830 | 2   | 6 MEGALUG OVERSIZE DI 110600X GRAY RESTRAINT ONLY EBAA          | EA    | 78.00           | 156.00           |
| 2840 | 2   | 6 EBAA MEGALUG MJ DI 1106 RSTR F/DI PIPE BLACK                  | EA    | 67.00           | 134.00           |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>1,070.50</b>  |
|      |     |                                                                 |       | <b>SUBTOTAL</b> | <b>38,297.38</b> |
| 2850 |     | <b>ALTERNATIVE DI PIPE</b>                                      |       |                 |                  |
| 2860 | 0   | 4 TJ CL52 DI PIPE                                               | FT    | 37.83           | 0.00             |
| 2870 | 0   | 6 TJ CL52 DI PIPE                                               | FT    | 29.08           | 0.00             |
| 2880 | 0   | 8 TJ CL52 DI PIPE                                               | FT    | 38.95           | 0.00             |
| 2890 | 0   | 12 TJ CL52 DI PIPE                                              | FT    | 67.73           | 0.00             |
| 2910 |     | <b>ALTERNATE TO MJ SLEEVES</b>                                  |       |                 |                  |
| 2920 | 0   | 860-54-0108-16 4 HYMAX 2 FLIP CPLG 4.25-5.00 LR 4.92-5.63 HR OD | EA    | 282.00          | 0.00             |
| 2930 | 0   | 860-54-0163-16 6 HYMAX 2 FLIP CPLG 6.42-7.05 LR 7.01-7.68 HR OD | EA    | 373.00          | 0.00             |

# Bid Proposal for Wausau - Sewer & Water Utilities Reconstruction

Bid #: 2424665

| Seq# | Qty | Description                                                          | Units | Price            | Ext Price         |
|------|-----|----------------------------------------------------------------------|-------|------------------|-------------------|
| 2940 | 0   | 860-54-0217-16 8 HYMAX 2 FLIP CPLG 8.54-9.17 LR 9.13-9.84 HR OD      | EA    | 421.00           | 0.00              |
| 2950 | 0   | 860-54-0272-16 10 HYMAX 2 FLIP CPLG 10.70-11.37 LR 11.33-12.00 HR OD | EA    | 542.00           | 0.00              |
| 2960 | 0   | 860-54-0315-16 12 HYMAX 2 FLIP CPLG 12.40-13.03 LR 12.99-13.66 HR OD | EA    | 640.00           | 0.00              |
|      |     | .                                                                    |       |                  |                   |
|      |     | .                                                                    |       |                  |                   |
|      |     |                                                                      |       | <b>Sub Total</b> | <b>477,349.70</b> |
|      |     |                                                                      |       | <b>Tax</b>       | 0.00              |
|      |     |                                                                      |       | <b>Total</b>     | <b>477,349.70</b> |

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>

## Price Quotation # B178014

### FERGUSON WATERWORKS #1476

5350 NORTH RICHMOND STREET  
APPLETON, WI 54913-0000

Phone : 920-731-3252  
Fax : 920-731-2305

Bid No.....: B178014  
Bid Date....: 07/11/22  
Quoted By: CMB  
Customer.: WAUSAU WATER WORKS  
1701 N RIVER DR  
WAUSAU, WI 54403-4783

Cust Phone: 715-261-6533  
Terms.....: NET 10TH PROX  
Ship To.....: WAUSAU WATER WORKS  
1701 N RIVER DR  
WAUSAU, WI 54403-4783

Cust PO#..: N 10TH AVE QUOTE

Job Name.: N 10TH AVE QUOTE

| Item              | Description                         | Quantity | Net Price | UM | Total    |
|-------------------|-------------------------------------|----------|-----------|----|----------|
| DMJTLAXU          | DOM 8X6 MJ C153 TEE L/A             | 7        | 242.000   | EA | 1694.00  |
| DMJTLAX           | DOM 8 MJ C153 TEE L/A               | 4        | 286.000   | EA | 1144.00  |
| DMJCRLA10X        | DOM 10X8 MJ C153 CRS L/A            | 1        | 515.000   | EA | 515.00   |
| DMJCRLA12X        | DOM 12X8 MJ C153 CRS L/A            | 1        | 562.000   | EA | 562.00   |
| DMJ4LAU           | DOM 6 MJ C153 45 BEND L/A           | 2        | 111.000   | EA | 222.00   |
| DMJ2LAX           | DOM 8 MJ C153 22-1/2 BEND L/A       | 2        | 153.000   | EA | 306.00   |
| DMJ4LAX           | DOM 8 MJ C153 45 BEND L/A           | 4        | 156.000   | EA | 624.00   |
| DMJRLAXU          | DOM 8X6 MJ C153 RED L/A             | 6        | 128.000   | EA | 768.00   |
| DMJRLA1210        | DOM 12X10 MJ C153 RED L/A           | 2        | 297.000   | EA | 594.00   |
| DMJSPU            | DOM 6 MJ C153 SLD PLUG              | 1        | 80.500    | EA | 80.50    |
| AFC2506MMLAOL     | 6 DI MJ RW OL GATE VLV L/A          | 6        | 880.000   | EA | 5280.00  |
| AFC2508MMLAOL     | 8 DI MJ RW OL GATE VLV L/A          | 14       | 1400.000  | EA | 19600.00 |
| AFC2512MMLAOL     | 12 DI MJ RW OL GATE VLV L/A         | 2        | 2762.000  | EA | 5524.00  |
| A20086            | 6 VLV BX ADPT #6 WATEROUS/MUELLER   | 6        | 81.500    | EA | 489.00   |
| A20059            | 8 VLV BX ADPT #6 WATEROUS MUELLER   | 14       | 82.500    | EA | 1155.00  |
| A20061            | 12 VLV BX ADPT #6 WATEROUS          | 2        | 91.750    | EA | 183.50   |
| DVBSTS26          | 26 SC VLV BX TOP SECT DOM           | 22       | 104.000   | EA | 2288.00  |
| T686036B          | 36 VLV BX BTM 6860 L/ BSE DOM       | 22       | 94.500    | EA | 2079.00  |
| T6860B6           | 6 BX BSE 6860 DOM                   | 22       | 87.500    | EA | 1925.00  |
| DVBLIDW           | TYLER VLV BX LID WTR DOM            | 22       | 18.500    | EA | 407.00   |
| WWB67LAORWUWAUSAU | 5-1/4 VO WB67 HYD 7/6 OR L/A WAUSAU | 6        | 3835.000  | EA | 23010.00 |
| KSOFTG100         | 1X100 K SOFT COP TUBE               | 1800     | 771.000   | C  | 13878.00 |
| M5614W            | 1-1/4 X 7 X 1-1/2 MINN CURB BX      | 48       | 42.000    | EA | 2016.00  |
| MB25008NG         | LF 1 CC X CTS COMP BALL CORP ST     | 48       | 77.000    | EA | 3696.00  |
| DMJLSLAU          | DOM 6X12 MJ C153 LONG SLV L/A       | 6        | 118.000   | EA | 708.00   |
| DFBSSDPLLAU       | DOM 6 MJ SLD SLV DUAL PRPS LONG     | 6        | 337.000   | EA | 2022.00  |

|              |                                |      |         |    |             |
|--------------|--------------------------------|------|---------|----|-------------|
| DMJLSLA10    | DOM 10X12 MJ C153 LONG SLV L/A | 1    | 228.000 | EA | 228.00      |
| E110600      | 6 MEGALUG F/ DI                | 47   | 26.500  | EA | 1245.50     |
| E110800      | 8 MEGALUG F/ DI                | 76   | 40.250  | EA | 3059.00     |
| E111000      | 10 MEGALUG F/ DI               | 6    | 59.500  | EA | 357.00      |
| E111200      | 12 MEGALUG F/ DI               | 7    | 87.000  | EA | 609.00      |
| E110600X     | 6 MEGALUG F/ O/ SIZE CI PIPE   | 6    | 46.000  | EA | 276.00      |
| MJGAU        | 6 MJ GSKT                      | 59   | 2.750   | EA | 162.25      |
| MJGAX        | 8 MJ GSKT                      | 76   | 3.250   | EA | 247.00      |
| MJGA10       | 10 MJ GSKT                     | 6    | 4.000   | EA | 24.00       |
| MJGA12       | 12 MJ GSKT                     | 7    | 4.700   | EA | 32.90       |
| DMJTHBNFPAIS | 3/4X4 MJ T-BLT & NUT DOM AIS   | 850  | 3.100   | EA | 2635.00     |
|              | DIP THAT BECOMES AVAILABLE     |      |         |    |             |
|              | BEFORE 12/31/22                |      |         |    | \$99,645.65 |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE   | 180  | 22.550  | FT | 4059.00     |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE   | 2230 | 30.340  | FT | 67658.20    |
| DI50TJPCB12  | 12 DI CL50 TYTON JT CBND PIPE  | 100  | 50.040  | FT | 5004.00     |
|              | DIP THAT SHIPS FROM            |      |         |    |             |
|              | 1/1/23 TO 6/29/23              |      |         |    | \$76,721.20 |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE   | 180  | 23.990  | FT | 4318.20     |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE   | 2230 | 32.280  | FT | 71984.40    |
| DI50TJPCB12  | 12 DI CL50 TYTON JT CBND PIPE  | 100  | 53.240  | FT | 5324.00     |
|              | DIP THAT IS AVAILABLE          |      |         |    |             |
|              | 6/30/23 TO 12/31/23            |      |         |    |             |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE   | 180  | 25.630  | FT | 4613.40     |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE   | 2230 | 34.480  | FT | 76890.40    |
| DI50TJPCB12  | 12 DI CL50 TYTON JT CBND PIPE  | 100  | 56.860  | FT | 5686.00     |

Subtotal: \$345183.25

Inbound Freight: \$0.00

Tax: \$0.00

Order Total: \$345183.25

\$176,366.85

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. QUOTES FOR PRODUCTS SHIPPED FOR RESALE ARE NOT FIRM UNLESS NOTED OTHERWISE.

CONTACT YOUR SALES REPRESENTATIVE IMMEDIATELY FOR ASSISTANCE WITH DBE/MBE/WBE/SMALL BUSINESS REQUIREMENTS.

Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This

Quote is offered contingent upon the Buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at <https://www.ferguson.com/content/website-info/terms-of-sale>. Govt Buyers: All items quoted are open market unless noted otherwise.

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<https://survey.medallia.com/?bidsorder&fc=1476&on=2072>

## Price Quotation # B178012

### FERGUSON WATERWORKS #1476

5350 NORTH RICHMOND STREET  
APPLETON, WI 54913-0000

Phone : 920-731-3252

Fax : 920-731-2305

Bid No.....: B178012

Bid Date....: 07/11/22

Quoted By: CMB

Customer.: WAUSAU WATER WORKS  
1701 N RIVER DR  
WAUSAU, WI 54403-4783

Cust Phone: 715-261-6533

Terms.....: NET 10TH PROX

Ship To.....: WAUSAU WATER WORKS  
1701 N RIVER DR  
WAUSAU, WI 54403-4783

Cust PO#...: N 17TH AVE QUOTE

Job Name.: N 17TH AVE QUOTE

| Item              | Description                         | Quantity | Net Price | UM | Total    |
|-------------------|-------------------------------------|----------|-----------|----|----------|
| DMJTLAXP          | DOM 8X4 MJ C153 TEE L/A             | 2        | 199.000   | EA | 398.00   |
| DMJTLAXU          | DOM 8X6 MJ C153 TEE L/A             | 6        | 242.000   | EA | 1452.00  |
| DMJTLAX           | DOM 8 MJ C153 TEE L/A               | 1        | 286.000   | EA | 286.00   |
| DMJ4LAX           | DOM 8 MJ C153 45 BEND L/A           | 4        | 156.000   | EA | 624.00   |
| DMJRLAXU          | DOM 8X6 MJ C153 RED L/A             | 1        | 128.000   | EA | 128.00   |
| AFC2504MMLAOL     | 4 DI MJ RW OL GATE VLV L/A          | 2        | 689.000   | EA | 1378.00  |
| AFC2506MMLAOL     | 6 DI MJ RW OL GATE VLV L/A          | 6        | 880.000   | EA | 5280.00  |
| AFC2508MMLAOL     | 8 DI MJ RW OL GATE VLV L/A          | 5        | 1400.000  | EA | 7000.00  |
| A20057            | 4 VLV BX ADPT #6 WATEROUS           | 2        | 77.000    | EA | 154.00   |
| A20086            | 6 VLV BX ADPT #6 WATEROUS/MUELLER   | 6        | 81.500    | EA | 489.00   |
| A20059            | 8 VLV BX ADPT #6 WATEROUS MUELLER   | 5        | 82.500    | EA | 412.50   |
| DVBSTS26          | 26 SC VLV BX TOP SECT DOM           | 13       | 104.000   | EA | 1352.00  |
| T686036B          | 36 VLV BX BTM 6860 L/ BSE DOM       | 13       | 94.500    | EA | 1228.50  |
| T6860B6           | 6 BX BSE 6860 DOM                   | 13       | 87.500    | EA | 1137.50  |
| DVBLIDW           | TYLER VLV BX LID WTR DOM            | 13       | 18.500    | EA | 240.50   |
| WWB67LAORWUWAUSAU | 5-1/4 VO WB67 HYD 7/6 OR L/A WAUSAU | 3        | 3835.000  | EA | 11505.00 |
| KSOFTG100         | 1X100 K SOFT COP TUBE               | 150      | 771.000   | C  | 1156.50  |
| KSOFTJ60          | 1-1/2X60 K SOFT COP TUBE            | 50       | 1229.000  | C  | 614.50   |
| KSOFTK60          | 2X60 K SOFT COP TUBE                | 200      | 1905.000  | C  | 3810.00  |
| M5614W            | 1-1/4 X 7 X 1-1/2 MINN CURB BX      | 4        | 42.000    | EA | 168.00   |
| MB25008NG         | LF 1 CC X CTS COMP BALL CORP ST     | 4        | 77.000    | EA | 308.00   |
| M5615WLR          | 1-1/4 X 7 X 2 MINN CURB BX          | 1        | 42.000    | EA | 42.00    |
| MB25008NJ         | LF 1-1/2 CC X COMP BALL CORP ST     | 1        | 173.000   | EA | 173.00   |
| M5615WLR          | 1-1/4 X 7 X 2 MINN CURB BX          | 1        | 42.000    | EA | 42.00    |
| MB25008NK         | LF 2 CC X COMP BALL CORP ST         | 1        | 285.000   | EA | 285.00   |
| DMJTPXK           | DOM 8X2 MJ C153 TAP PLUG            | 1        | 147.000   | EA | 147.00   |

|              |                                  |      |         |    |             |
|--------------|----------------------------------|------|---------|----|-------------|
| DMJLSLAP     | DOM 4X12 MJ C153 LONG SLV L/A    | 2    | 79.000  | EA | 158.00      |
| DFBSSDPLLAP  | DOM 4 MJ SLD SLV DUAL PRPS LONG  | 1    | 267.500 | EA | 267.50      |
| DMJLSLAU     | DOM 6X12 MJ C153 LONG SLV L/A    | 3    | 118.000 | EA | 354.00      |
| DFBSSDPLLAU  | DOM 6 MJ SLD SLV DUAL PRPS LONG  | 2    | 337.000 | EA | 674.00      |
| DMJLSLAX     | DOM 8X12 MJ C153 LONG SLV L/A    | 2    | 152.500 | EA | 305.00      |
| DFBSSDPLLAX  | DOM 8 MJ SLD SLV DUAL PRPS LONG  | 1    | 429.000 | EA | 429.00      |
| E110400      | 4 MEGALUG F/ DI                  | 4    | 22.500  | EA | 90.00       |
| E110600      | 6 MEGALUG F/ DI                  | 30   | 26.500  | EA | 795.00      |
| E110800      | 8 MEGALUG F/ DI                  | 43   | 40.250  | EA | 1730.75     |
| E110400X     | 4 MEGALUG F/ O/SIZE CI PIPE      | 1    | 42.000  | EA | 42.00       |
| E110600X     | 6 MEGALUG F/ O/SIZE CI PIPE      | 2    | 46.000  | EA | 92.00       |
| E110800X     | 8 MEGALUG F/ O/SIZE CI PIPE      | 1    | 64.000  | EA | 64.00       |
| MJGAP        | 4 MJ GSKT                        | 12   | 1.950   | EA | 23.40       |
| MJGAU        | 6 MJ GSKT                        | 32   | 2.750   | EA | 88.00       |
| MJGAX        | 8 MJ GSKT                        | 44   | 3.250   | EA | 143.00      |
| DMJTHBNFNAIS | 3/4X3-1/2 MJ T-BLT & NUT DOM AIS | 504  | 3.100   | EA | 1562.40     |
|              | DIP THAT BECOMES AVAILABLE       |      |         |    |             |
|              | BEFORE 12/31/22                  |      |         |    | \$46,629.05 |
| DI52TJPCBP20 | 4 DI CL52 TYTON JT CBND PIPE     | 40   | 32.990  | FT | 1319.60     |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE     | 100  | 22.550  | FT | 2255.00     |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE     | 1530 | 30.340  | FT | 46420.20    |
|              | DIP THAT SHIPS FROM              |      |         |    |             |
|              | 1/1/23 TO 6/29/23                |      |         |    | \$49,994.80 |
| DI52TJPCBP20 | 4 DI CL52 TYTON JT CBND PIPE     | 40   | 35.100  | FT | 1404.00     |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE     | 100  | 23.990  | FT | 2399.00     |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE     | 1530 | 32.280  | FT | 49388.40    |
|              | DIP THAT IS AVAILABLE            |      |         |    |             |
|              | 6/30/23 TO 12/31/23              |      |         |    |             |
| DI52TJPCBP20 | 4 DI CL52 TYTON JT CBND PIPE     | 40   | 37.490  | FT | 1499.60     |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE     | 100  | 25.630  | FT | 2563.00     |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE     | 1530 | 34.480  | FT | 52754.40    |

Subtotal: \$206632.25

Inbound Freight: \$0.00

Tax: \$0.00

Order Total: \$206632.25 **\$96,623.85**

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## Price Quotation # B178013

### FERGUSON WATERWORKS #1476

5350 NORTH RICHMOND STREET  
APPLETON, WI 54913-0000

Phone : 920-731-3252  
Fax : 920-731-2305

Bid No.....: B178013  
Bid Date....: 07/11/22  
Quoted By: CMB  
Customer.: WAUSAU WATER WORKS  
1701 N RIVER DR  
WAUSAU, WI 54403-4783

Cust Phone: 715-261-6533  
Terms.....: NET 10TH PROX  
Ship To.....: WAUSAU WATER WORKS  
1701 N RIVER DR  
WAUSAU, WI 54403-4783

Cust PO#..: GRANT ST QUOTE

Job Name.: GRANT ST QUOTE

| Item              | Description                         | Quantity | Net Price | UM | Total   |
|-------------------|-------------------------------------|----------|-----------|----|---------|
| DMJTLAXU          | DOM 8X6 MJ C153 TEE L/A             | 1        | 242.000   | EA | 242.00  |
| DMJ4LAU           | DOM 6 MJ C153 45 BEND L/A           | 2        | 110.000   | EA | 220.00  |
| DMJ2LAX           | DOM 8 MJ C153 22-1/2 BEND L/A       | 2        | 153.000   | EA | 306.00  |
| DMJ4LAX           | DOM 8 MJ C153 45 BEND L/A           | 2        | 156.000   | EA | 312.00  |
| DMJRLAXU          | DOM 8X6 MJ C153 RED L/A             | 2        | 128.000   | EA | 256.00  |
| AFC2506MMLAOL     | 6 DI MJ RW OL GATE VLV L/A          | 1        | 880.000   | EA | 880.00  |
| AFC2508MMLAOL     | 8 DI MJ RW OL GATE VLV L/A          | 2        | 1400.000  | EA | 2800.00 |
| A20086            | 6 VLV BX ADPT #6 WATEROUS/MUELLER   | 1        | 81.500    | EA | 81.50   |
| A20059            | 8 VLV BX ADPT #6 WATEROUS MUELLER   | 2        | 82.500    | EA | 165.00  |
| DVBSTS26          | 26 SC VLV BX TOP SECT DOM           | 3        | 104.000   | EA | 312.00  |
| T686036B          | 36 VLV BX BTM 6860 L/ BSE DOM       | 3        | 94.500    | EA | 283.50  |
| T6860B6           | 6 BX BSE 6860 DOM                   | 3        | 87.500    | EA | 262.50  |
| DVBLIDW           | TYLER VLV BX LID WTR DOM            | 3        | 18.500    | EA | 55.50   |
| WWB67LAORWUWAUSAU | 5-1/4 VO WB67 HYD 7/6 OR L/A WAUSAU | 1        | 3835.000  | EA | 3835.00 |
| KSOFTG100         | 1X100 K SOFT COP TUBE               | 450      | 771.000   | C  | 3469.50 |
| M5614W            | 1-1/4 X 7 X 1-1/2 MINN CURB BX      | 12       | 42.000    | EA | 504.00  |
| MB25008NG         | LF 1 CC X CTS COMP BALL CORP ST     | 12       | 77.000    | EA | 924.00  |
| DMJLSLAP          | DOM 4X12 MJ C153 LONG SLV L/A       | 1        | 79.000    | EA | 79.00   |
| DFBSSDPLLAP       | DOM 4 MJ SLD SLV DUAL PRPS LONG     | 1        | 267.500   | EA | 267.50  |
| DMJLSLAU          | DOM 6X12 MJ C153 LONG SLV L/A       | 2        | 118.000   | EA | 236.00  |
| DFBSSDPLLAU       | DOM 6 MJ SLD SLV DUAL PRPS LONG     | 2        | 337.000   | EA | 674.00  |
| E110400           | 4 MEGALUG F/ DI                     | 2        | 22.500    | EA | 45.00   |
| E110600           | 6 MEGALUG F/ DI                     | 12       | 26.500    | EA | 318.00  |
| E110800           | 8 MEGALUG F/ DI                     | 16       | 40.250    | EA | 644.00  |
| E110400X          | 4 MEGALUG F/ O/SIZE CI PIPE         | 1        | 42.000    | EA | 42.00   |
| E110600X          | 6 MEGALUG F/ O/SIZE CI PIPE         | 2        | 46.000    | EA | 92.00   |

|              |                                  |     |        |    |          |
|--------------|----------------------------------|-----|--------|----|----------|
| MJGAP        | 4 MJ GSKT                        | 1   | 1.950  | EA | 1.95     |
| MJGAU        | 6 MJ GSKT                        | 14  | 2.750  | EA | 38.50    |
| MJGAX        | 8 MJ GSKT                        | 16  | 3.250  | EA | 52.00    |
| DMJTHBNFNAIS | 3/4X3-1/2 MJ T-BLT & NUT DOM AIS | 188 | 3.100  | EA | 582.80   |
|              | DIP THAT BECOMES AVAILABLE       |     |        |    |          |
|              | BEFORE 12/31/22                  |     |        |    |          |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE     | 40  | 22.550 | FT | 902.00   |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE     | 520 | 30.340 | FT | 15776.80 |
|              | DIP THAT SHIPS FROM              |     |        |    |          |
|              | 1/1/23 TO 6/29/23                |     |        |    |          |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE     | 40  | 23.990 | FT | 959.60   |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE     | 520 | 32.280 | FT | 16785.60 |
|              | DIP THAT IS AVAILABLE            |     |        |    |          |
|              | 6/30/23 TO 12/31/23              |     |        |    |          |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE     | 40  | 25.630 | FT | 1025.20  |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE     | 520 | 34.480 | FT | 17929.60 |

\$17,981.25

\$16,678.80

Subtotal: \$71360.05

Inbound Freight: \$0.00

Tax: \$0.00

Order Total: \$71360.05

\$34,660.05

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. QUOTES FOR PRODUCTS SHIPPED FOR RESALE ARE NOT FIRM UNLESS NOTED OTHERWISE.

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## Price Quotation # B178015

### FERGUSON WATERWORKS #1476

5350 NORTH RICHMOND STREET  
APPLETON, WI 54913-0000

Phone : 920-731-3252

Fax : 920-731-2305

Bid No.....: B178015

Bid Date....: 07/11/22

Quoted By: CMB

Customer.: WAUSAU WATER WORKS  
1701 N RIVER DR  
WAUSAU, WI 54403-4783

Cust Phone: 715-261-6533

Terms.....: NET 10TH PROX

Ship To.....: WAUSAU WATER WORKS  
1701 N RIVER DR  
WAUSAU, WI 54403-4783

Cust PO#...: HENNRIETTA ST QUOTE

Job Name.: HENNRIETTA ST QUOTE

| Item              | Description                         | Quantity | Net Price | UM | Total    |
|-------------------|-------------------------------------|----------|-----------|----|----------|
| DMJTLAXU          | DOM 8X6 MJ C153 TEE L/A             | 4        | 242.000   | EA | 968.00   |
| DMJTLAX           | DOM 8 MJ C153 TEE L/A               | 2        | 286.000   | EA | 572.00   |
| DMJCRLAX          | DOM 8 MJ C153 CRS L/A               | 1        | 425.000   | EA | 425.00   |
| DMJ4LAU           | DOM 6 MJ C153 45 BEND L/A           | 2        | 110.000   | EA | 220.00   |
| DMJ2LAX           | DOM 8 MJ C153 22-1/2 BEND L/A       | 2        | 153.000   | EA | 306.00   |
| DMJ4LAX           | DOM 8 MJ C153 45 BEND L/A           | 4        | 156.000   | EA | 624.00   |
| DMJRLAXU          | DOM 8X6 MJ C153 RED L/A             | 3        | 128.000   | EA | 384.00   |
| AFC2506MMLAOL     | 6 DI MJ RW OL GATE VLV L/A          | 4        | 880.000   | EA | 3520.00  |
| AFC2508MMLAOL     | 8 DI MJ RW OL GATE VLV L/A          | 10       | 1400.000  | EA | 14000.00 |
| A20086            | 6 VLV BX ADPT #6 WATEROUS/MUELLER   | 4        | 81.500    | EA | 326.00   |
| A20059            | 8 VLV BX ADPT #6 WATEROUS MUELLER   | 10       | 82.500    | EA | 825.00   |
| DVBST26           | 26 SC VLV BX TOP SECT DOM           | 14       | 104.000   | EA | 1456.00  |
| T686036B          | 36 VLV BX BTM 6860 L/ BSE DOM       | 14       | 94.500    | EA | 1323.00  |
| T6860B6           | 6 BX BSE 6860 DOM                   | 14       | 87.500    | EA | 1225.00  |
| DVBLIDW           | TYLER VLV BX LID WTR DOM            | 14       | 18.500    | EA | 259.00   |
| WWB67LAORWUWAUSAU | 5-1/4 VO WB67 HYD 7/6 OR L/A WAUSAU | 4        | 3835.000  | EA | 15340.00 |
| KSOFTG100         | 1X100 K SOFT COP TUBE               | 1430     | 771.000   | C  | 11025.30 |
| M5614W            | 1-1/4 X 7 X 1-1/2 MINN CURB BX      | 40       | 42.000    | EA | 1680.00  |
| MB25008NG         | LF 1 CC X CTS COMP BALL CORP ST     | 40       | 77.000    | EA | 3080.00  |
| DFBSSDPLLAU       | DOM 6 MJ SLD SLV DUAL PRPS LONG     | 3        | 337.000   | EA | 1011.00  |
| DMJLSLAU          | DOM 6X12 MJ C153 LONG SLV L/A       | 3        | 118.000   | EA | 354.00   |
| DFBSSDPLLAX       | DOM 8 MJ SLD SLV DUAL PRPS LONG     | 2        | 429.000   | EA | 858.00   |
| DMJLSLAX          | DOM 8X12 MJ C153 LONG SLV L/A       | 2        | 152.500   | EA | 305.00   |
| DMJLSLA10         | DOM 10X12 MJ C153 LONG SLV L/A      | 1        | 228.000   | EA | 228.00   |
| E110600           | 6 MEGALUG F/ DI                     | 32       | 26.500    | EA | 848.00   |
| E110800           | 8 MEGALUG F/ DI                     | 59       | 40.250    | EA | 2374.75  |

|              |                                  |      |        |    |             |
|--------------|----------------------------------|------|--------|----|-------------|
| E111000      | 10 MEGALUG F/ DI                 | 2    | 59.500 | EA | 119.00      |
| E110600X     | 6 MEGALUG F/ O/SIZE CI PIPE      | 3    | 46.000 | EA | 138.00      |
| E110800X     | 8 MEGALUG F/ O/SIZE CI PIPE      | 2    | 64.000 | EA | 128.00      |
| MJGAU        | 6 MJ GSKT                        | 35   | 2.750  | EA | 96.25       |
| MJGAX        | 8 MJ GSKT                        | 61   | 3.250  | EA | 198.25      |
| MJGA10       | 10 MJ GSKT                       | 2    | 4.000  | EA | 8.00        |
| DMJTHBNFNAIS | 3/4X3-1/2 MJ T-BLT & NUT DOM AIS | 592  | 3.100  | EA | 1835.20     |
|              | DIP THAT BECOMES AVAILABLE       |      |        |    |             |
|              | BEFORE 12/31/22                  |      |        |    | \$66,059.75 |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE     | 100  | 22.550 | FT | 2255.00     |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE     | 1940 | 30.340 | FT | 58859.60    |
|              | DIP THAT SHIPS FROM              |      |        |    |             |
|              | 1/1/23 TO 6/29/23                |      |        |    | \$61,114.60 |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE     | 100  | 23.990 | FT | 2399.00     |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE     | 1940 | 32.280 | FT | 62623.20    |
|              | DIP THAT IS AVAILABLE            |      |        |    |             |
|              | 6/30/23 TO 12/31/23              |      |        |    |             |
| DI50TJPCBU   | 6 DI CL50 TYTON JT CBND PIPE     | 100  | 25.630 | FT | 2563.00     |
| DI50TJPCBX   | 8 DI CL50 TYTON JT CBND PIPE     | 1940 | 34.480 | FT | 66891.20    |

Subtotal: \$261650.75

Inbound Freight: \$0.00

Tax: \$0.00

Order Total: \$261650.75 **\$127,174.35**

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Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This Quote is offered contingent upon the Buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at <https://www.ferguson.com/content/website-info/terms-of-sale>. Govt Buyers: All items quoted are open market unless noted otherwise.

**LEAD LAW WARNING:** It is illegal to install products that are not "lead free" in accordance with US Federal or other applicable law in potable water systems anticipated for human consumption. Products with \*NP in the description are NOT lead free and can only be installed in non-potable applications. Buyer is solely responsible for product selection.

COVID-19 ORDER: ANY REFERENCE TO OR INCORPORATION OF EXECUTIVE ORDER 14042 AND/OR THE EO-IMPLEMENTING FEDERAL CLAUSES (FAR 52.223-99 AND/OR DFARS 252.223-7999) IS EXPRESSLY REJECTED BY SELLER AND SHALL NOT APPLY AS SELLER IS A MATERIALS SUPPLIER AND THEREFORE EXEMPT UNDER THE EXECUTIVE ORDER.

**HOW ARE WE DOING? WE WANT YOUR FEEDBACK!**

Enter the following link to complete a survey about your bids:

<https://survey.medallia.com/?bidsorder&fc=1476&on=2072>

|              | Core & Main*         |                      | Ferguson             |                        |  |
|--------------|----------------------|----------------------|----------------------|------------------------|--|
|              | April Delivery       | 2022 Delivery        | 1/1/2023 - 6/29/2023 | 6/30/2023 - 12/31/2023 |  |
| Grant        | \$ 38,297.38         | \$ 34,660.05         | \$ 35,726.45         | \$ 36,936.05           |  |
| Henreitta    | \$ 138,943.41        | \$ 127,174.35        | \$ 131,081.95        | \$ 135,513.95          |  |
| 10th Ave     | \$ 194,630.77        | \$ 176,366.85        | \$ 181,272.25        | \$ 186,835.45          |  |
| 17th Ave     | \$ 105,478.14        | \$ 96,623.85         | \$ 99,820.45         | \$ 103,446.05          |  |
| <b>TOTAL</b> | <b>\$ 477,349.70</b> | <b>\$ 434,825.10</b> | <b>\$ 447,901.10</b> | <b>\$ 462,731.50</b>   |  |

\*Core & Main stated all materials will be delivered between 1/1/2023 and 4/30/2023

\*Core & Main priced all material as CL52 DI since CL50 DI is uncommon and likely will not be manufactured

\* Core & Main included an announced 7-10% increase from todays prices; if increase is not applied savings will be passed along



**TO:** Wausau Waterworks Commission  
Prepared in consultation with Donohue & Associates

**FROM:** Eric Lindman, P.E.  
Director of Public Works & Utilities

**DATE:** July 12, 2022

**SUBJECT:** Water Treatment Facility - Proposed Solar Array Update

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The proposed solar project for the new Drinking Water Treatment Facility continues to be worked on but has been delayed due to other utility needs/priorities over the past 6-months. We have begun to look at this project again and have begun discussing a schedule. Clark Dietz has completed the additional geo technical work or test pits on the property to the north and will prepare some formal information on the results. In short, this area has a wide variety of buried construction material that prohibits establishing foundations for an array without over excavation of the entire area. Staff is currently looking at possible dates for the next Public Information Meeting (PIM) based on the commission's direction and previous public comment. Clark Dietz has had some renderings prepared for a smaller proposed solar array taking into account the public input previously received. Concepts for array sizes will be prepared and shared at the PIM for public comment.

It is anticipated that a presentation will be ready for the September Commission meeting along with a recommendation from staff.





**TO:** Wausau Waterworks Commission  
Prepared in consultation with Donohue & Associates

**FROM:** Eric Lindman, P.E.  
Director of Public Works & Utilities

**DATE:** July 12, 2022

**SUBJECT:** City's one-time connection fee – possible Village of Maine connection

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The Village of Maine approached the utility and asked about possible connection fees for sanitary sewer if the Village were to pump their wastewater to Wausau for conveyance and treatment. The Village would be responsible for conveying their wastewater to the city's sanitary collection system and then the city's collection system would convey the wastewater to the treatment facility. The Village would be responsible for all the costs of the piping and lift stations necessary to convey the wastewater to a connection point within the city. The Village would own and maintain all of these facilities up to the connection to the city's system. The Village was preparing cost estimates for different alternatives and asked the city to let them know what a connection fee would be to convey their wastewater to the city.

City has an ordinance (3.24.100 Connection fee for sanitary sewer and water main improvements) in place which requires a one-time connection fee for new properties connecting to water and sewer. The connection fee is determined using the cost of the water main and sewer main laid in front of the property.

Example: If the property has 100ft of frontage along the mains then the cost of 100ft of water main and 100ft of sewer main are calculated then divided by 2 to determine the connection fee for the property. It is divided by two because there is typically a property on each side of the main lines.

The ordinance does not speak to connections of other utility's connecting a main line to the city's collection system. Following the ordinance as written I have attached my calculations related to determining a connection fee for the Village of Maine. In addition to the determination of the connection fee to the collection system the city also will typically charge a one-time lift station fee for each property if the wastewater passes through a city lift station. The fee in the past has been \$500 for each residential unit.

It was also discussed with the Village that if their approved point of connection would require any immediate improvements to the city's collection system to accommodate the flow then the Village would be responsible for those improvements as well.

Staff is looking for direction from the commission if we should consider changes to the ordinance that would specifically outline a different connection fee calculation for a municipality to connect to the system or is this method for determining the connection fee supported moving forward as this would set precedence.

### 3.24.100 - Connection fee for sanitary sewer and water main improvements.

- (a) When a property is benefited by connecting private service laterals to a sanitary sewer or water main, either previously existing or newly constructed, and where no assessments for the sanitary sewer and water main improvements have been previously levied against the property, the Board of Public Works shall cause a connection fee to be charged to the benefited property in lieu of the special assessment normally charged to abutting owners.
- (b) For previously existing mains, the connection fee shall be based on the current special assessment costs for similar construction, and for new mains the connection fee shall be based on the actual project costs for new construction determined in accordance with section 3.24.090.
- (c) The connection fee shall be charged when recently annexed properties are to be connected to existing mains, or when properties not previously assessed by normal special assessment procedures are connected to mains.
- (d) Payment for the connection fee shall be a lump sum payment made in advance of the City's/utility's granting permission to connect to the mains owned by the City/utility. However, the City may by resolution approve an installment payment plan as normally used for special assessments in accordance with section 3.24.120.
- (e) When a connection fee is levied for an improvement not previously assessed by the City, and where the improvement was already 100 percent assessed to a project developer or where the improvement was constructed and financed solely by a developer under the direction of the City but without direct City cost, then the City may refund the connection fee to the project developer in accordance with the following:
  - (1) A "project developer" shall refer to a person, persons or business organization which financed at least 50 percent or more of the total project cost.
  - (2) A connection fee may be refunded to a project developer who qualifies as stated above providing the connection fee is collected by the City within ten years from the year in which the improvement was constructed.  
After ten years has elapsed, any claims for refunds shall be invalid.
  - (3) A request for refund of a connection fee shall be made in writing by the original project developer who was either assessed for the project or solely financed the project.
  - (4) No person(s) other than the original project developer shall be eligible to claim or receive a refund. The City, in its sole discretion, shall determine whether a refund shall be made after examining evidence and testimony. The City may request additional information from the developer other than that specified herein. A finding of incomplete or unsubstantiated evidence may be grounds for denial of the claim for refund.
  - (5) To qualify for a connection fee refund, a project developer must be able to substantiate his

claim by either:

- (A) Producing a record of the assessment originally levied by the City indicating the original improvement was fully assessed by the City to the developer;
- (B) Submitting a sworn affidavit stating the developer paid for improvements serving properties other than his own for which he received no previous reimbursement.

The affidavit should be filed immediately after completion of the improvement, and refiled or amended at the time of the claim.

Incorrect claims or untruthful statements shall subject the affiant to penalties of law.

- (6) The amount of the refund shall be calculated according to subsection (b) above, less a fee of ten percent of the total to be paid to the City for administration expenses.
- (7) The payment of the refund may be in a lump sum or in installments, as the City may direct at the time of the claim.

(Ord. 61-4593 (part), 1986.)