



*The Board may vote to go into Closed Session on any agenda item as allowed by State Law.*

***ROUTINE BUSINESS***

1. Announcement of Open Meetings Act
  2. Roll Call
  3. Utility Superintendent Report
- 

***CONSENT AGENDA***

1. Minutes Approval for September 7<sup>th</sup>, 2023
2. Agenda Approval
3. Consent Agenda

*Any item listed on the Consent Agenda may, by the request of any single BOPW Member, be considered as a separate item under the Regular Agenda Section of the Agenda.*

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***OLD BUSINESS***

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1. Discussion & Action – Authorization to execute agreement with HOA to develop RFP for SCADA system upgrade | Trevor Campbell
  2. Discussion & Action – Authorization to accept proposal from Durkin to order programmable logic controllers for Wastewater Plant | Trevor Campbell
  3. Discussion – Review of the City’s insurance policy premium renewal | Anthony Nussbaum
  4. Discussion & Action – Request to approve waiver of utility service deposit | Cheryl Vossen
- 

***ADJOURNMENT***

Trevor Campbell, Utility Superintendent



**REPORT TO BOARD OF PUBLIC WORKS MEMBERS**

**FROM** TREVOR CAMPBELL  
UTILITY SUPERINTENDENT

**REGARDING** Utility Superintendent Report – Sept 21<sup>st</sup>, 2023

**DATE** September 19<sup>th</sup>, 2023

**General Update**

Engine 7 is back in service. Nebraska City sent down mechanics to help adjust fuel on cylinder 7 head that was replaced. After monitoring temps externally with infrared gun, it was determined temps were consistent and an issue was identified with the pyrometer. It was then suggested to upgrade the old analog pyrometer with a digital monitor that displays all temperatures on one screen. Nebraska City completed the same retrofit and said that they could help with the install.

Engine 9 (Wartsila) had issues starting up last week. We tried running in preparation for emissions tests originally scheduled for this week. The engine would rollover on air but the fuel rack was not opening to start the engine. After many phone calls with the Wartsila reps the problem was narrowed down to a fuel issue. Rather than bringing in Wartsila mechanics, Farabee sent down a tech and mechanic who helped pinpoint the problem to the pilot fuel pump which was failing to build enough pressure to engage the fuel rack. After manually engaging the fuel pump contactor, the pump kicked on and started building the necessary pressure to engage the fuel rack. Once the engine started, Robert took it to 6500 kW on NG for approx. 40 min then unloaded, shutdown and brought it back up to 7500 kW for another hour. Emissions testing is rescheduled for the week of Oct 8<sup>th</sup>.

Starting discussions on SCADA system upgrade at the Water Plant and auxiliary sites. Given the age of the existing Wonderware system, improvements and upgrades to the water production system are pertinent. The automation of our systems will help ensure a reliable water supply to our customers.

Met with the team members from NMPP to discuss the structure currently in place between Falls City and MEAN. Falls City is a service participant that utilizes the services of MEAN to facilitate load scheduling with SPP. I plan on having more discussions to learn the pros and cons of becoming a full member ultimately we would be locked into to a rate structure with all the other 60 municipal members of MEAN and we would not be as vulnerable to the open market.

**Water main leaks/repairs**

- 19<sup>th</sup> & Chase – working on repairing a 15 inch storm drain that runs over the top of the water main
- 15<sup>th</sup> & Morton by Middle School – removed a 4 foot section of cracked main and installed pvc pipe
- 7<sup>th</sup> & Stone St – lead service was removed and new poly line service was installed

**Community Development**

Looking at utility locations that will require main extensions for potential improvements to land at 6<sup>th</sup> and Reavis.

Discussions have continued with OPPD trying to identify the best solution to move forward with establishing transmission resiliency to Falls City. Multiple options are being kicked around currently but ultimately the goal is to ensure we have a solid plan A and plan B to expend the congressional funds earmarked for our use by the state.

## Human Resources

All positions are filled at this time.

## Projects

2023 Tyler Tech Implementation – Financial configuration training and schema planning is being completed. Utility billing module configuration to be completed in the next months. All modules are expected to be live by April 2024.

2023 Street Improvements Project – Olsson is in the design phase for Phase 1 of the project. Patch work and minor replacement projects will be completed by the Street Dept rather than being contracted. Street crews will continue to be working on minor patching projects through the summer and fall of 2023. Overlay work will be bid out in November 2023 for a spring 2024 construction timeline.

2022 Electrical Distribution System Improvements (4.16 Switchgear PDC Project) – Kickoff meeting with IES was completed on July 27, 2023. Delivery of the PDC is still pending but expected by the end of September. Foundation construction for the PDC is planned to commence at the end of August however that is expected to be delayed due to the new delivery timeframe of the PDC which isn't expected to be in shipment to Falls City until the week of March 18<sup>th</sup>, 2024.

2022 Electrical Distribution System Improvements (Primary Underground Project) – Final materials being procured. Contracts were awarded. This project was originally scheduled for a 2023 construction start but construction was postponed due to materials lead times. We are currently expecting a spring 2024 start. BOPW will need to make a decision on property owner cost reimbursement for interior electrical service component for effected properties. M&A will generate a form for customers to utilize to submit expenses.

BNSF Water Main Relocation – Nowak has completed this project and has demobilized. We are awaiting final invoicing from Nowak and the City needs to make payment to the landowners for crop disturbance. The City will then invoice BNSF for reimbursement.

2023 Northeast Force Main Replacement - Project is currently in preliminary design stages. Project consists of replacement of approximately 5000 linear feet of sewer force main along 652 Blvd from 15th Street to 27th Street. Currently working with landowners on easement needs in addition to awaiting a hopeful award of funding through the House Appropriations Committee. Funding notices will likely not be known until congressional budgets are approved which could be after December.

Tiger Trail Street Improvement Project – Contracts are in place and Forten will be starting construction in conjunction with the Wilderness Falls III project. REGA has been hired to construction manage both projects.

2021 Sanitary Sewer Rehabilitation & Improvement Project – O'Neill finally finished repairing a damaged sewer tap at Marilyn Capps located at 13<sup>th</sup> and Wilson. Final clean-up has been completed. Municipal Pipe Tool accepted the deduct of \$43,200 in LD's and \$25/SY for concrete work on Industrial Road.

Respectfully,

Trevor Campbell  
Utility Superintendent



**REPORT TO BOARD OF PUBLIC WORKS MEMBERS**

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Respectfully,

Trevor Campbell  
Utility Superintendent

## REGULAR MEETING OF THE FALLS CITY BOARD OF PUBLIC WORKS

September 7, 2023  
2307 Barada Street  
Falls City, Nebraska

A regular meeting of the Board of Public Works of the City of Falls City, Nebraska, was held at the City Hall, 2307 Barada Street in said City on the 7<sup>th</sup> day of September, 2023, at 5:30 o'clock P.M. Present were: Board Members: Froeschl, Joy, Koopman, Rieger. Absent: Johansen. Trevor Campbell recorded the minutes of the meeting. Notice of the meeting was given in advance thereof by posting in three public places, a designated method for giving notice as shown by the Certificate of Posting Notice attached to these minutes. Notice of this meeting was given to the Board Chairman and all members of the Board and a copy of their acknowledgment of receipt of notice and the agenda is attached to the minutes. Availability of the agenda was communicated in the advance notice and in the notice to the Chairman and Board of this meeting. All proceedings hereafter shown were taken while the convened meeting was open to the attendance of the public. The Chairman publicly stated to all in attendance that a current copy of the Nebraska Open Meetings Act was available for review and indicated the location of such copy posted in the room where the meeting was being held.

### CONSENT AGENDA

A motion was made by Froeschl and seconded by Joy to approve the consent agenda as follows: *WHEREAS*, certain business of the Board of Public Works of the City of Falls City (City) transpires on a regular and routine basis or is not of controversial nature; and *WHEREAS*, roll call votes on each individual issue greatly extend the meeting time. *NOW, THEREFORE, BE IT HEREBY RESOLVED* BY the Board of Public Works that in the interest of economizing time, yet complying with the Public Meeting Laws of the State of Nebraska, which require roll call voting, the following issues are hereby consolidated in this Consent Resolution: 1. *BE IT FURTHER RESOLVED* BY the Board of Public Works that the minutes from the August 17, 2023 regular meeting is hereby approved. 2. *BE IT FURTHER RESOLVED* BY the Board of Public Works that the agenda for September 7, 2023, is hereby approved. 3 *BE IT FURTHER RESOLVED* BY the Board of Public Works that the Consent Resolution for September 7, 2023, is hereby approved. Roll was called on this motion and the members voted as follows: "YEA" Froeschl, Joy, Koopman, Rieger. "NAY" None. "ABSENT" Johansen. Motion carried.

### ELECTRIC SERVICE INSTALLATION FEE AND APPLICATIONS – TREVOR CAMPBELL

A discussion as held no motion made.

### AUTHORIZATION TO EXECUTE MSA WITH OLSSON FOR STREET SUPERINTENDENT SERVICES AND GENERAL CONSULTING – TREVOR CAMPBELL

A discussion was held no motion made.

### **MEETING ADJOURNED AT 6:32PM**

I, the undersigned, City Clerk for the City of Falls City, Nebraska, hereby certify that the foregoing is a true and correct copy of proceedings had and done by the Chairman and Board on September 7, 2023 that all of the subjects included in the foregoing proceedings were contained in the agenda for the meeting, kept continually current and available for public inspection at the office of the City Clerk; that such agenda items were sufficiently descriptive to give the public reasonable notice of the matters to be considered at the meeting; that such subjects were contained in said agenda for at least twenty-four hours prior to said meeting; that at least one copy of all reproducible material discussed at the meeting was available at the meeting for examination and copying by members of the public; that the said minutes from which the foregoing proceedings have been extracted were in written form and available for public inspection within ten working days and prior to the next convened meeting of said body; that all news media requesting notification concerning meetings of said body were provided advance notification of the time and place of

said meeting and the subjects to be discussed at said meeting; and that a current copy of the Nebraska Open Meetings Act was available and accessible to members of the public, posted during such meeting in the room in which such meeting was held.

(SEAL)

\_\_\_\_\_  
CITY CLERK

\_\_\_\_\_  
SECRETARY

\_\_\_\_\_  
CHAIRMAN



## Hydro Optimization and Automation Solutions

September 19, 2023

City of Falls City  
Trevor Campbell  
2307 Barada Street  
Falls City, NE 68355

Water Control System RFP

Dear Mr. Campbell

As you are aware, the Water control system for the Falls City Water Department has been extended well beyond its recommended life cycle. Continuing to use the current equipment puts the reliability of automatically treating and delivering water in jeopardy. The equipment can certainly be run in "hand" mode, but the loss of the SCADA system would have a significant impact on the workload of the current staff as well as alarms, data logging, etc.

HOA is a full-service Control Systems Integrator that works primarily in the Water and Wastewater industries. We have over 250 customers throughout Nebraska and the surrounding states. We do numerous projects exactly like this from start to finish along with ongoing service and support.

As discussed, I believe the best approach to upgrade your existing system is to advertise a Request for Proposals (RFP) in your local paper. This approach will give the City the flexibility to specify what they would like for equipment and software, as well as be able to vet the proposals and select the desired candidate based on your criteria. This approach will also save you a considerable amount of time and money by not hiring a consulting engineer to write a specification.

HOA Solutions has a certified PE in control systems engineering to write a RFP for you to use for solicitation. Because this will require a time commitment and expertise, HOA will have to charge for this service. If HOA is the chosen candidate to perform the work, we will deduct the amount of this service from our proposed price.

The cost for the above-described engineering service is ..... \$ 5,000.00

This would be for your water control system only.

Regards,

Lincoln Williams P.E.

A handwritten signature in black ink that reads "Lincoln Williams".

Hydro Optimization and Automation Solutions, Inc.





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12951 Gravois Rd. Suite 100 | St. Louis, MO 63127  
Phone: (314) 432-2040 • (800) 264-3875 • Fax: (314) 432-8588

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**Project #: P55-22-4 – WWTF PLC Hardware Spares**

September 15, 2023

Trevor Campbell  
City of Falls City WWTF  
70468 652 Ave.  
Falls City, NE 68355

Mr. Campbell,

We appreciate the opportunity to submit a proposal to upgrade the PLC hardware and HMI computer and software at your wastewater treatment facility.

If you have any questions or require any additional information, please feel free to give me a call at 314-842-5335.

Sincerely,

Brad August  
**Durkin - President**

**City of Falls City, NE**  
WWTF PLC & Software Upgrade



12951 Gravois Rd. Suite 100 | St. Louis, MO 63127  
 Phone: (314) 432-2040 • (800) 264-3875 • Fax: (314) 432-8588

### 1.0 Proposal Summary

The scope of this proposal includes Durkin providing the following major items and components.

- PLC complete set of replacement PLC Hardware to be used as spares.
- These components are refurbished but certified working product.
  - 1747-L542 PLC Processor
  - 1746-P2 Power Supply
  - 1746-A13 Chassis
  - (4) 1746-IA16 AC discrete inputs
  - (1) 1746-OW16 Relay Output Module
  - (2) 1746-NI4 Analog Input Module
  - (1) 1746-NO4I Analog Output Module
  - (1) 1747-KE DH-485 Serial Module

### 2.0 Pricing

Quantity	Description	Price
<b>Hardware</b>		
1	1747-I542 SLC 5/04 Processor	\$ 1,620.00
1	1746-P2 Power Supply	\$ 657.00
1	1746-A13 13-Slot Chassis	\$ 414.00
4	1746-IA16 16-Channel Discrete Input Module	\$ 750.00
1	1746-OW16 16-Channel Relay Output Module	\$ 210.00
2	1746-NI4 4-Channel Analog Input Module	\$ 666.00
1	1746-NO4I 4-Channel Analog Output Module	\$ 1,533.00
1	1747-KE DH-485 Communication Module	\$ 360.00
	<b>Totals</b>	<b>\$ 6,210.00</b>

**City of Falls City, NE**  
 WWTF PLC & Software Upgrade



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12951 Gravois Rd. Suite 100 | St. Louis, MO 63127  
Phone: (314) 432-2040 • (800) 264-3875 • Fax: (314) 432-8588

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### **3.0 Terms and Conditions**

#### **3.1 Bid Validity**

This quote is valid for a period of 10 days.

#### **3.2 Payment Terms**

50% at the time of P.O.

40% Upon Delivery

10% Upon Completion of Project

The payment terms are Net 30 from time of invoicing.

#### **3.3 Delivery**

Lead time will be agreed upon at time of PO.

#### **3.4 Method and Terms of Shipment**

The method of shipment is "best-way." If you have a preferred carrier, please provide shipping account information to Durkin. The freight terms of shipment are Pre-Pay & Add.

#### **3.5 Taxes**

Any applicable taxes are not included in this proposal.

#### **3.6 Hardware Warranties**

Durkin passes the manufacturer's warranty to the customer.

#### **3.7 Purchase Order**

Please address your purchase order to:

Durkin, Inc.

12951 Gravois Road

St. Louis, MO 63127

Please e-mail or fax your purchase order to the attention of Patty Midkiff.

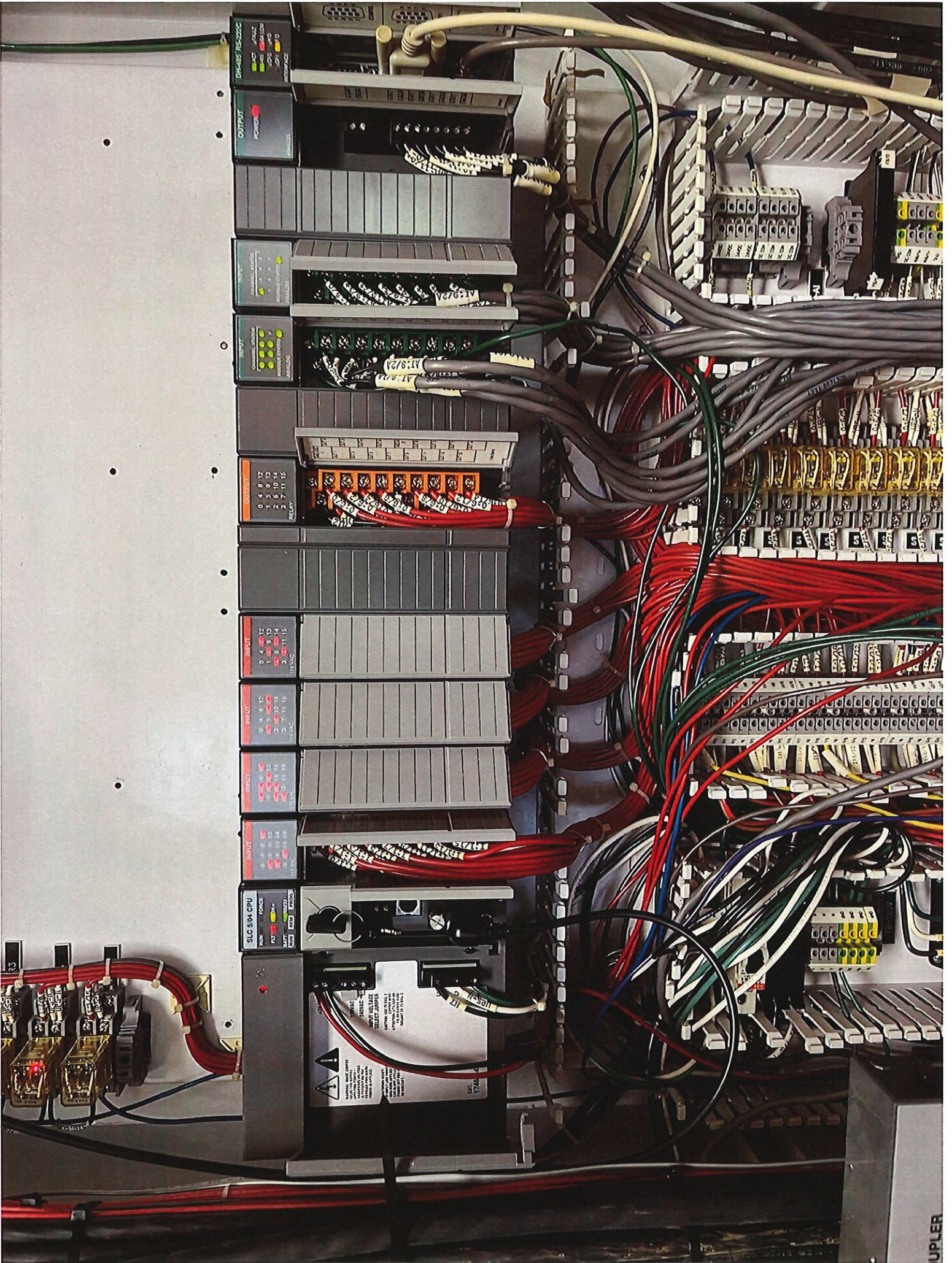
E-Mail: [baugust@durkininc.com](mailto:baugust@durkininc.com)

Fax Durkin, Inc. fax number is (314) 842-8777

#### **3.8 Federal ID Number**

Durkin Federal ID number is:

**City of Falls City, NE**  
WWTF PLC & Software Upgrade





September 14, 2023

City of Falls City  
Board of Public Works  
2307 Barada St  
Falls City, NE 68355-1546

Anthony and Megan,

The following is a summary of renewal premiums for the City and the Board of Public Works. Weather related losses in Nebraska haven't been our friend and we are seeing increased premiums in almost all of our property risks.

City's Insurance	2023-34	2022-23
Property	71,823	63,553
General Liability	10,404	9,923
Commercial Output	545	419
Workers Compensation	92,052	76,047
Business Auto	29,750	31,457
Inland Marine	9,687	9,494
Umbrella	15,079	15,295
Crime	100	100
Board E&O	5,040	4,820
Law Enforcement Liability	6,874	6,802
Cyber	590	590
Total	241,944	218,500

I have included portions of the renewal quote for your review. A note is the increase of the property wind and hail coverage to a \$25,000 deductible. This is a "per occurrence" and not a per location deductible. I have included loss runs. EMC shows 121,185 incurred losses on the property section. Workers Compensation experience modification went from a .91 to a 1.19. Payrolls stayed the same.

Boiler and Machinery policy stayed the same. It's in the third year of a three year policy.

Premium	31,945	Same
Board of Public Works		
Property	206,144	159,683
General Liability	17,317	20,224
Umbrella	9,763	10,405
Terrorism	1,749	1,428
Total	234,973	191,740



This policy is one of the highest property exposures written in the state by Cincinnati. They are very concerned about potential exposure even though it has performed fairly well. There was a rate increase of about 14% with an 11% building value increase. This transmits into a 23% premium change. Wind and Hail deductible increased to \$50,000 at location 1, and there is a 2% wind and hail deductible at all other locations. Last year location 1 was 25,000 wind and hail. The other locations were 25,000 wind and hail. Some locations will benefit from this. This is a per building deductible. The carrier is willing to look at premium if you are interested in higher deductibles. The underwriter was also wanting to know the amount of value in the boilers at location #1. He was estimating about 37.6 million. This may help the rate on this location.

Keep in mind that Cincinnati paid about 1.5 million in a fire claim September of 2021.

We have requested the EMC quote be renewed. Traveler's Crime renewal application needs to be completed, which I have with me today. Jennie is updating the SOV for the board of public works and will email that to Megan for signature.

Thank you for your continued business.



Tom Farrell

Steve Simon

City of Falls City  
2307 Barada Street  
Falls City, NE 68355

P: (402) 245-2851  
F: (402) 245-2741  
fallscitynebraska.org

# REQUEST FOR FUTURE AGENDA ITEM OR ADMINISTRATIVE ACTION



## CITY CLERK

All requests for the Agenda must be submitted by noon on the Thursday preceding the meeting in order to be added on the current agenda, any item received after this time would have to be of an emergency nature. Once a request is received, Administration will review it and determine whether or not it requires Board action or if it is an item that needs to be handled by staff.

Requested Board to Review (Select One):  City Council  Board of Public Works

Date: September 21, 2023 Phone No: 402-245-4634

Name: Cheryl Vossen Email: cvossen@gmail.com

Address: 2718 Abbett Street, Falls City, Ne. 68355

Description of Topic & Desired Resolution:

See attached

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Signature of Requester: Cheryl Vossen

For City Use only  
Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Action Taken: \_\_\_\_\_

September 1, 2023

This is in response to the letter I received in the mail regarding putting the utility bill in my name since my Mother is deceased and paying a \$250 deposit plus a \$15 service fee.

Needless to say this was a little disturbing as I have had service with the Falls City Utility Department since 1962 except for 11 years that I lived in Nebraska City. When I moved back to Falls City in 1982, my husband, Bill Vossen, had service and we bought our home at 316 East 13<sup>th</sup> Street. I realize at that time, service was with the Gas Service Company out of Hiawatha, Ks., so when the City of Falls City bought the Gas Service everyone was just grandfathered in.

I lived at the above address until 2016 when I moved in with my Mother in her home at 2718 Abbott Street. At that time, I discussed putting utilities in my name with one of your employees, but was told about the deposit, etc. so decided to keep in my Mother's name as didn't think it was necessary to pay a deposit since I have been paying the monthly bill all these years and basically just transferring service. I could understand if I had moved here from out of state and never had service but that is definitely not the case.

I am requesting that the deposit be waived since I have been a paying customer ever since Falls City Utility Department has owned the gas service and years before that.

Thank you,  
Cheryl Oberst Vossen  
2718 Abbott Street  
Falls City, NE 68355  
402-245-4634