

ELDRIDGE ELECTRIC AND WATER UTILITY BOARD

July 23, 2024 – 5:00pm
City Hall, 305 N. 3rd Street

1. Call to Order
2. Public Comment
3. Approval of Agenda
4. **Approval of Utility Board Meeting Minutes from July 9, 2024**
5. Financial
 - A. **Consideration to Approve Bills Payable**
 - B. Discussion and Consideration on investing a portion of Utility funds in T-Bills
 - C. Discussion and Consideration to approve purchase of cell phone and service transfer for new employee
 - D. Update on Dickinson, Bradshaw, Fowler & Hagen, P.C. records request
6. Electric Department
 - A. Outages
 - B. **Mi-Tech Services Pole Inspection Results for 7/11/2024**
 - C. Department update – Collin Wilson
7. Water Department
 - A. **Consideration to approve proposal for SCADA Upgrade from Tri-City Electric in the amount of \$54,866**
 - B. **Discussion on proposal from Quad City Construction in the amount of \$4,610 for installation of new windows with screens at the Water Treatment Plant**
 - C. **Discussion on proposal from Quad City Construction in the amount of \$7,964 to add a second desk/workstation at the WTP**
 - D. **Discussion and Consideration to Approve purchase of 2 Full Face Respirators with Filters for a total amount of \$6,140**
 - E. Update on replacement of Control Box on Chlorine Scale unit recently sent out for repairs
 - F. Department Update – Cegan Long
8. Adjournment

NEXT REGULAR MEETING: Tuesday, August 6th, 2024 at 5:00pm

The regular meeting of the Board of Trustees of the Eldridge Electric and Water Utility Board was called to order at 5:00 P.M. on July 9, 2024, at Eldridge City Hall.

Board members present were Craig Gehrls, Abby Petersen, Rachael Padavich, and Michael Bristley. Jeff Hamilton was absent. Also, present Nevada Lemke, Jeff Martens, Ryan Iossi, Collin Wilson, Ron Iossi, Cegan Long, Allison Wright, Lenny Larson, and Sadie Wagner.

Public Comment – none

Motion by Padavich to approve Agenda. Second by Petersen. All Ayes. Motion Carries.

Motion by Padavich to approve Utility Board Minutes from June 18, 2024. Second by Bristley. All Ayes. Motion Carries.

Financial-

- A. Motion by Petersen to Approve Bills Payable in the amount of \$99,566.57. Second by Padavich. All Ayes. Motion Carries.
- B. Motion by Padavich to table Discussion & Consideration to purchase Ice Machine for City Shop and discontinue current lease. Second by Petersen. All Ayes. Motion Carries.
- C. Motion by Petersen to table Discussion on invoices for legal services provided by Dickinson, Bradshaw, Fowler & Hagen, P.C. Second by Bristley. All Ayes. Motion Carries.

Administrative-

- A. Motion by Padavich to Approve upgrade to Managed IT Services contract with Shared IT. Second by Petersen. All Ayes. Motion Carries.
- B. Motion by Petersen to approve Resolution 2024-10 E&W Approving Financial Acceptance of Public Improvements for Grunwald Grove 2nd Addition. Second by Bristley. All Ayes. Motion Carries.
- C. Postage Handling Fee – The Board discussed the possibility of adding a fee to the residents who currently receive postcards to get more residents to sign up for free email billing.
- D. Department Update – none

Electric Department-

- A. Outages – none
- B. Department Update – Given by Line Foremen Collin Wilson. Wilson stated they are wrapping up their IUB underground inspection for the year 2024. Wilson stated they still have the Journeymen Linemen position still open. Lemke added they sent in the apprenticeship

application for one of the apprentices and once they hire a Journeyman they can start the other apprentice in the program as well. She stated they did interview the two that had applied and based on those they decided to leave it open a little longer and do some targeted improvement efforts. Wilson stated they are still putting up new services in the subdivisions. Starting Thursday, the company MiTech will be coming to do pole inspections and red-tag the ones that need to be replaced.

Water Department-

- A. Water test results- Lemke stated June test results are in the packet and everything came back and passed.
- B. ISG Inc. Update & Discussion on 16th Avenue Water Tower Rehab Project. Lenny Larson, Water/Wastewater Engineer for ISG gave a presentation on the Water Tower Rehab Project.
- C. Motion by Bristley to Approve proposal from ISG Inc. for Water System PER and Full Hydraulic Analysis PER. Presentation also provided by Lenny Larson with ISG. Second by Petersen. All Ayes. Motion Carries.
- D. Motion by Bristley to table Contract Renewal Terms with Verizon Cell Site 37896. Second by Padavich. All Ayes. Motion Carries.
- E. Motion by Petersen to Approve Proposal from Cahoy Pump Service to inspect Well #2 at a cost of \$5760. Second by Bristley. All Ayes. Motion Carries.
- F. Review proposal for SCADA Upgrade from Tri-City Electric. The board discussed the details on the SCADA upgrade.
- G. Department Update – Given by Water Plant Operator, Cegan Long. Long stated the construction in the lab is completed and they are fully operational. The plant has been running well, the usage is down now with the amount of the recent rainfall. He stated they also started water testing for July and will take it to QC Analytical. He stated they received an award from the CDC for Fluoride Residuals and the city was one of only four municipalities in six counties that received this award.

Motion by Petersen to adjourn the meeting at 6:31 P.M., to go into Closed Session pursuant to Iowa Code 21.5(1)c “To discuss strategy with counsel in matters that are presently in litigation or where litigation is imminent where its disclosure would be likely to prejudice or disadvantage the position of the governmental body in that litigation” and Iowa Code 21.5(1)g “To avoid disclosure of specific law enforcement matters, such as current or proposed investigations or inspection or auditing techniques or schedules, which if disclosed would enable law violators to avoid detection.” Second by Padavich. Roll Call.

The regular meeting of the Board of Trustees of the Eldridge Electric and Water Utility Board resumed open session at 7:13 P.M. No action was taken.

Motion by Petersen to adjourn the meeting at 7:13 P.M. Second by Padavich. All Ayes. Motion Carries.

Sadie Wagner
Billing Clerk

BILLS PAYABLE						
CHECK #	DEPT	FUND	VENDOR	DESCRIPTION	FREQUENCY	AMOUNT
899	WATER	600 5-810-6213	ADP INC	TIME & ATTENDANCE SOFTWARE FEES	MONTHLY	\$ 26.91
900	ELECTRIC	630 5-820-6503	CENTRAL MUNICIPAL POWER	ENERGY SUPPLY	MONTHLY	\$ 117,700.76
904	ELECTRIC	630 5-820-6501	MIDAMERICAN ENERGY COMPANY	LOUISA CASH REQUEST JULY 204	MONTHLY	\$ 26,000.00
904	ELECTRIC	630 5-820-6502	MIDAMERICAN ENERGY COMPANY	WS-4 CASH REQUEST JULY 2024	MONTHLY	\$ 65,000.00
226097	ELECTRIC	630 5-820-6015	ANDERSON MIKE	ATTENDANCE - 4 UB MEETINGS	BI-ANNUALLY	\$ 120.00
226098	ELECTRIC	630 5-820-6015	BROCK KROEGER	ATTENDANCE - 2 UB MEETINGS	BI-ANNUALLY	\$ 60.00
226099	ELECTRIC	630 5-820-6015	JAMES SKADAL	ATTENDANCE - 8 UB MEETINGS	BI-ANNUALLY	\$ 240.00
226100	ELECTRIC	630 5-820-6015	BARBARA ANN O'BRIEN	ATTENDANCE - 10 UB MEETINGS	BI-ANNUALLY	\$ 300.00
226101	ELECTRIC	630 5-820-6015	PADAVICH RACHAEL	ATTENDANCE - 5 UB MEETINGS	BI-ANNUALLY	\$ 150.00
226102	ELECTRIC	630 5-820-6015	STEWART PAULA	ATTENDANCE - 9 UB MEETINGS	BI-ANNUALLY	\$ 270.00
226103	ELECTRIC	630 5-820-6015	HAMITON JEFF	ATTENDANCE - 9 UB MEETINGS	BI-ANNUALLY	\$ 270.00
226104	ELECTRIC	630 5-820-6015	GEHRLS CRAIG	ATTENDANCE - 9 UB MEETINGS	BI-ANNUALLY	\$ 270.00
226105	ELECTRIC	630 5-820-6015	PETERSEN ABBY	ATTENDANCE - 4 UB MEETINGS	BI-ANNUALLY	\$ 120.00
226106	ELECTRIC	630 5-820-6015	BRISTLEY MICHAEL	ATTENDANCE- 3 UB MEETINGS	BI-ANNUALLY	\$ 90.00
226107	ELECTRIC	630 5-820-6310	A & A AIR COND & REFRIGERATION INC	ICE MACHINE LEASE PAYMENT	MONTHLY	\$ 62.50
226108	WATER	600 5-810-6501	ACCO UNLIMITED CORP.	HYDROX	AS NEEDED	\$ 3,441.75
226109	ELECTRIC	630 5-820-6411	AHLERS & COONEY P.C.	LEGAL SVCS - CMPAS CONTRACT	AS NEEDED	\$ 1,519.00
226110	WATER	600 5-810-6371	ALLIANT ENERGY CO.	UTILITIES	MONTHLY	\$ 204.89
226111	ELECTRIC	630 5-820-6310	ALWAYS CLEAN LLC	CLEANING SERVICES	MONTHLY	\$ 300.00
226112	WATER	600 5-810-6506	AMAZON CAPITAL SERVICES	WATER PLANT CALENDAR	AS NEEDED	\$ 19.25
226113	ELECTRIC	630 5-820-6310	CINTAS CORPORATION	CLEANING SVCS - SHOP MATS	MONTHLY	\$ 67.88
226113	ELECTRIC	630 5-820-6310	CINTAS CORPORATION	CLEANING SVCS - CITY HALL MATS	MONTHLY	\$ 45.11
226114	WATER	600 5-810-6373	CIVICPLUS LLC	SOCIAL MEDIA ARCHIVE SUPSCRIPTION	ANNUALLY	\$ 408.80
226114	ELECTRIC	630 5-820-6373	CIVICPLUS LLC	SOCIAL MEDIA ARCHIVE SUPSCRIPTION	ANNUALLY	\$ 408.80
226115	WATER	600 5-810-6506	DES MOINES STAMP	HAMILTON - SIGNATURE STAMP	ONE TIME	\$ 41.00
226116	ELECTRIC	630 5-820-6601	DSI MEDICAL SERVICES INC.	PREEMPL - DRUG SCREENS - LONG/GHEER	AS NEEDED	\$ 194.00
226117	WATER	600 5-810-6181	G T SPORTS UNLIMITED	WORK SHIRTS - C. LONG	ONE TIME	\$ 60.00
226118	WATER	600 5-810-6501	HAWKINS INC.	CHLORINE	AS NEEDED	\$ 1,645.73
226119	WATER	600 5-810-6213	IOWA DEPARTMENT OF NATURAL RESOURCES	ANNUAL WATER SUPPLY FEE - FY25	ANNUALLY	\$ 737.95
226120	ELECTRIC	630 5-820-6450	IOWA ONE CALL	LOCATES	MONTHLY	\$ 208.10
226121	WATER	600 5-810-6311	ISG I&S GROUP INC.	DESIGN/TECH/SPECS/PERMITTING FEES	MONTHLY	\$ 1,500.00
226122	ELECTRIC	630 5-820-6310	JP GASWAY	SHOP RR/KITCHEN SUPPLIES	AS NEEDED	\$ 138.12
226122	ELECTRIC	630 5-820-6310	JP GASWAY	SHOP RR SUPPLIES	AS NEEDED	\$ 62.36
226123	WATER	600 5-810-6310	MENARDS	COMPRESSOR - BRUSHLESS	AS NEEDED	\$ 715.14
226124	WATER	600 5-810-6332	MERSCHMAN HARDWARE	VAC TRAILER	AS NEEDED	\$ 7.99
226124	WATER	600 5-810-63711	MERSCHMAN HARDWARE	STORAGE TOTE	AS NEEDED	\$ 64.95
226124	WATER	600 5-810-63711	MERSCHMAN HARDWARE	MARK PAINT	AS NEEDED	\$ 7.99
226124	WATER	600 5-810-63711	MERSCHMAN HARDWARE	STORAGE TOTE - STORAGE BOX	AS NEEDED	\$ 47.96
226124	WATER	600 5-810-63711	MERSCHMAN HARDWARE	HOSES	AS NEEDED	\$ 35.98
226124	WATER	600 5-810-63711	MERSCHMAN HARDWARE	PARTS	AS NEEDED	\$ 11.96
226124	WATER	600 5-810-6501	MERSCHMAN HARDWARE	CLOROX	AS NEEDED	\$ 34.95
226124	ELECTRIC	630 5-820-6310	MERSCHMAN HARDWARE	LED	AS NEEDED	\$ 14.99
226125	WATER	600 5-810-63711	METERING & TECHNOLOGY SOLUTIONS	RETURNED 2 - 170 METER	ONE TIME	\$ (663.00)
226125	WATER	600 5-810-63711	METERING & TECHNOLOGY SOLUTIONS	NS FOOTBALL CONCESSIONS METER	ONE TIME	\$ 3,261.89
226126	WATER	600 5-810-63711	MSTS RECIEVABLES LLC	TOOLS	AS NEEDED	\$ 689.21
226127	WATER	600 5-810-6414	NORTH SCOTT PRESS	UTILITY PUBLISHING	MONTHLY	\$ 504.05
226128	WATER	600 5-810-6240	QC ANALYTICAL SERVICES LLC	WATER CONFERENCE - B. STYMIEST CEU'S	ANNUALLY	\$ 150.00
226128	WATER	600 5-810-6451	QC ANALYTICAL SERVICES LLC	PFAS - DRINKING WATER	QUARTERLY	\$ 391.00
226128	WATER	600 5-810-6451	QC ANALYTICAL SERVICES LLC	COLIFORM/FLUORIDE TESTING	MONTHLY	\$ 227.00
226129	WATER	600 5-810-6310	QUAD CITY CONSTRUCTION SERVICES	50% COMPLETION PAYMENT - WTP REMODEL	ONE TIME	\$ 53,908.80
226130	WATER	600 5-810-6373	SHARED IT INC	IT SERVICES	MONTHLY	\$ 146.30
226130	WATER	600 5-810-6373	SHARED IT INC	DEPLOYMENT/10 HRS/ TRAINING	ONE TIME	\$ 235.00
226130	ELECTRIC	630 5-820-6373	SHARED IT INC	IT SERVICES	MONTHLY	\$ 146.30
226130	ELECTRIC	630 5-820-6373	SHARED IT INC	DEPLOYMENT/10 HRS/ TRAINING	ONE TIME	\$ 235.00
226131	INS REIMB	821 5-630-6184	STYMIEST BRYSON	PSF - OUT OF POCKET MED REIMB	ONE TIME	\$ 318.93
226132	WATER	600 5-810-6311	TOTAL MAINTENANCE INC	NEW HOTWATER LINE - WATER PLANT	ONE TIME	\$ 770.00
226133	ELECTRIC	630 5-820-6319	TYLER TECHNOLOGIES	UTILITY BILLING/TRANSACTION FEES	MONTHLY	\$ 495.00
226134	ELECTRIC	630 5-820-6181	COLIN WILSON	CLOTH ALLOW REIMB - C. WILSON	ANNUAL ALLOWANCE \$450	\$ 406.56
ACH	SPLIT	SPLIT	PAYROLL 7/6/2024	PAYROLL 7/6/2024	BI-WEEKLY	\$ 17,161.36
TOTAL:						\$ 301,008.22

CREDIT CARDS					
DEPT	EMPL	FUND	VENDOR	DESCRIPTION	AMOUNT
WATER	CEGAN LONG	600-5-810-6508	COMMERCIAL PRINTERS	SHIPPING FEE - CHLORINE SCALE DISPLAY REPAIRS	\$351.95
ELECTRIC	DEVIN GHEER	630-5-820-6181	RILCO SAFETY SUPPLY	2 PAIRS FR SAFETY JEANS - PPE - D. GHEER	\$210.00
ELECTRIC	DEVIN GHEER	630-5-820-6181	CARHARIT	3 FR SAFETY T SHIRTS - PPE - D. GHEER	\$224.67
ELECTRIC	JEFFERY MARTENS	630-5-820-6414	FACEBOOK	JOURNEYMAN LINEMAN JOB POSTING - AD BOOST FEES	\$19.00
ELECTRIC	JEFFERY MARTENS	630-5-820-6414	FACEBOOK	JOURNEYMAN LINEMAN JOB POSTING - AD BOOST FEES	\$21.00
ELECTRIC	JEFFERY MARTENS	630-5-820-6414	FACEBOOK	JOURNEYMAN LINEMAN JOB POSTING - AD BOOST FEES	\$24.00
ELECTRIC	JEFFERY MARTENS	630-5-820-6414	FACEBOOK	JOURNEYMAN LINEMAN JOB POSTING - AD BOOST FEES	\$23.99
WATER	NEVADA LEMKE	600-5-810-6213	IOWA DNR	WATER OPERATOR CERT EXAM FEES - C. LONG	\$63.04
BILLS PAYABLE					\$301,008.22
CREDIT CARDS					\$937.65
GRAND TOTAL:					\$301,945.87



POLE INSPECTION SERVICES

INVOICE

46 S. Rolling Meadows Drive
Fond du Lac, WI 54937
Phone: (920) 924-3690
Fax: (920) 924-3965

Date	07/17/24
Invoice #	32138350
Job #	19146
For Poles Inspected On:	7/11/2024

Bill To:

Mr. Jacob Rowe
City of Eldridge
105 E. Le Claire Road
Eldridge, IA 52748

Description	Quantity	% of Weekly Total	Unit of Measure	Unit Price	Total Price
A) Sound & Bore (Includes B Below)	132	83.5%	Each	\$38.47	\$5,078.04
B) Report Pole (Pole <10 YOA)	23	14.6%	Each	\$18.21	\$418.83
C) Internal Treat	132	83.5%	Each	\$20.45	\$2,699.40
D) Excavate w/ External Below Ground Treat (As Needed Only; Includes A and B)	0	0.0%	Each	\$51.07	\$0.00
E) Private Property (Greater Than 50' Off Accessible Road)	15	9.5%	Each	\$6.45	\$96.75
F) GPS and Basic Data Collection		0.0%	Each	Included	\$0.00
G) Guy Guard Installation (Customer Supplied)	0	0.0%	Each	\$6.86	\$0.00
H) Rejects/Priority	3	1.9%	Each	\$38.47	\$115.41
I) Ground Resistance Measurement	84	53.2%	Each	\$3.14	\$263.76
Total Poles Tested This Invoice	158			Subtotal	\$8,672.19

Terms: Net 30

Make all checks payable to:
Mi-Tech Services, Inc.
46 S Rolling Meadows Drive
Fond du Lac, WI 54937

If you have any questions concerning this invoice, contact
Justin Townley at (920) 579-9070, or jtownley@mi-tech.us.

Average Price per Pole for
Billing Period: \$54.89

Balance due

\$8,672.19

Thank you for your business!

Pole Year	Pole Species	Pole Status	Inspection	Private Property	Maintenance Required	Condition Comments	Ground Resistance Test	Ground Reading	Date of Inspection	Longitude	Latitude
1993	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	10.7	7/11/2024 8:09	41.63293874	-90.57964811
1993	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	17.4	7/11/2024 8:13	41.63303632	-90.57956824
1993	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	10.2	7/11/2024 8:16	41.63325958	-90.57959185
1997	Southern Yellow Pine	Pass	Sound and Bore	No			7/11/2024 8:19	41.65366234	41.653697136	-90.58297136	-90.58297136
1993	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	10.7	7/11/2024 8:21	41.63375975	-90.57955703
1997	Southern Yellow Pine	Pass	Sound and Bore	No		Woodpecker Hole (Large)	No		7/11/2024 8:22	41.65360105	-90.58295279
1993	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	7.1	7/11/2024 8:24	41.63414109	-90.57955542
1993	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 8:29	41.6532483	-90.5828838
1993	Southern Yellow Pine	Pass	Sound and Bore	No	Loose/Damaged Ground Wire		Yes	11.4	7/11/2024 8:30	41.63456326	-90.57956309
1993	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 8:31	41.65297333	-90.58279795
1991	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 8:33	41.63498327	-90.57956745
1993	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 8:35	41.65247296	-90.58269738
2009	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	6.3	7/11/2024 8:36	41.6354061	-90.57962253
1993	Southern Yellow Pine	Pass	Sound and Bore	No			7/11/2024 8:38	41.6519577	7/11/2024 8:38	-90.58257956	-90.58257956
1981	Southern Yellow Pine	Pass	Sound and Bore	No			7/11/2024 8:39	41.63586552	-90.57963591	41.63586552	-90.57963591
1981	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 8:42	41.63627207	-90.57964466
2002	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 8:43	41.65091295	-90.5823115
1981	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	7.8	7/11/2024 8:44	41.63671034	-90.57966577
1988	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	7.4	7/11/2024 8:46	41.65042667	-90.58220379
2008	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 8:50	41.63679639	-90.58011322
2015	Southern Yellow Pine	Pass	Report Only	No			Yes	5.1	7/11/2024 8:50	41.64995123	-90.58209544
1981	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 8:53	41.63710027	-90.57969813
1967	Western Pine	Pass	Sound and Bore	No			Yes	7.7	7/11/2024 8:53	41.64996183	-90.58255174
1981	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 8:55	41.63739435	-90.57975869
1967	Western Pine	Pass	Sound and Bore	No			7/11/2024 8:58	41.64995177	-90.57973557	41.64995177	-90.58316247
1967	Western Pine	Pass	Sound and Bore	No			Yes	8.2	7/11/2024 8:56	41.63795851	-90.57973557
1978	Southern Yellow Pine	Reject	Excavated Reject	No		Rotten Butt/Pole too far gone to dig	No		7/11/2024 9:01	41.64994103	-90.58284029
1981	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	6.9	7/11/2024 9:02	41.63857243	-90.57975322
1981	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	9.9	7/11/2024 9:05	41.63878313	-90.5797737
1967	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	7.2	7/11/2024 9:05	41.64966983	-90.5820102
1981	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 9:09	41.63923169	-90.57978925
1993	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 9:14	41.64942907	-90.58277514
1993	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	6.4	7/11/2024 9:17	41.64931907	-90.58195948
1981	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	9.4	7/11/2024 9:17	41.63953366	-90.57932066
2013	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 9:19	41.6395457	-90.57930329
1993	Western Red Cedar	Pass	Sound and Bore	No			Yes	6.2	7/11/2024 9:20	41.6490407	-90.58187985
2009	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	10.3	7/11/2024 9:22	41.64005456	-90.57990686
2015	Southern Yellow Pine	Pass	Report Only	No			Yes	7.8	7/11/2024 9:23	41.64864458	-90.58179883
1983	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	8.5	7/11/2024 9:25	41.64865274	-90.58220327
2009	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	9.7	7/11/2024 9:26	41.64031436	-90.57996993
2009	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	22.5	7/11/2024 9:29	41.64865074	-90.58258067
1993	Western Pine	Pass	Sound and Bore	No			No		7/11/2024 9:31	41.64865808	-90.58284965
1981	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	14.7	7/11/2024 9:31	41.64085238	-90.58007013
2021	Other/Unknown	Pass	Report Only	No			Yes	54.2	7/11/2024 9:33	41.64866354	-90.58293149
1981	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 9:34	41.64121619	-90.58015784
1993	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	7.6	7/11/2024 9:37	41.6486381	-90.58334815
1980	Southern Yellow Pine	Pass	Sound and Bore	No			Yes		7/11/2024 9:37	41.64164709	-90.58025321
1981	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 9:40	41.6420964	-90.5803916
1988	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	9.4	7/11/2024 9:41	41.6482691	-90.5816603
1993	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	8.2	7/11/2024 9:44	41.64777459	-90.58157435
1981	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 9:44	41.64247072	-90.58040776
1983	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	9.5	7/11/2024 9:47	41.64747486	-90.58150021
1981	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	13.2	7/11/2024 9:48	41.6428652	-90.58053882
1993	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 9:50	41.64720856	-90.5814303
2020	Southern Yellow Pine	Pass	Report Only	No			Yes	13.2	7/11/2024 9:50	41.64335195	-90.58062763
1993	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	5.2	7/11/2024 9:52	41.64690564	-90.58136512
1990	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 9:53	41.64371606	-90.58072701
1995	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 9:55	41.64659831	-90.5812975
1980	Southern Yellow Pine	Pass	Sound and Bore	No			No		7/11/2024 9:56	41.64414208	-90.5808097
1995	Southern Yellow Pine	Pass	Sound and Bore	No			Yes	9.7	7/11/2024 9:58	41.64650717	-90.58123535

1980	1980	Southern Yellow Pine	Pass	Sound and Bore	No	No	7/11/2024 9:59	41.64457195	-90.56089611
1980	1980	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 10:01	41.64497401	-90.56116114
1980	1980	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 10:02	41.64473044	-90.56093441
2016	2016	Southern Yellow Pine	Pass	Report Only	No	Yes	7/11/2024 10:04	41.64548153	-90.56106673
2009	2009	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 10:05	41.64506888	-90.56098348
1980	1980	Southern Yellow Pine	Reject	Sound and Bore	No	No	7/11/2024 11:21	41.64787626	-90.56831154
1995	1995	Southern Yellow Pine	Pass	Sound and Bore	No	No	7/11/2024 11:24	41.65166597	-90.56246904
2013	2013	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 11:25	41.64791129	-90.56863147
1969	1969	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 11:26	41.65137843	-90.56240103
1984	1984	Southern Yellow Pine	Pass	Sound and Bore	No	No	7/11/2024 11:32	41.64786454	-90.56709998
1967	1967	Western Pine	Pass	Sound and Bore	No	Yes	7/11/2024 11:33	41.64790536	-90.56832579
2012	2012	Southern Yellow Pine	Pass	Sound and Bore	No	No	7/11/2024 11:35	41.64789156	-90.5681546
1967	1967	Western Pine	Pass	Sound and Bore	No	No	7/11/2024 11:36	41.65015414	-90.56831318
2013	2013	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 11:38	41.64775961	-90.56885554
1967	1967	Western Pine	Pass	Sound and Bore	No	No	7/11/2024 11:39	41.65058319	-90.56924752
2013	2013	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 11:41	41.64747483	-90.5683439
1968	1968	Western Pine	Pass	Sound and Bore	No	Yes	7/11/2024 11:41	41.65056931	-90.56856917
1978	1978	Western Pine	Pass	Sound and Bore	No	No	7/11/2024 11:44	41.64787739	-90.56893572
1975	1975	Southern Yellow Pine	Pass	Sound and Bore	No	No	7/11/2024 11:47	41.65053771	-90.56872421
1976	1976	Southern Yellow Pine	Pass	Sound and Bore	No	No	7/11/2024 11:48	41.64785169	-90.56894549
2006	2006	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 11:51	41.65079013	-90.56810988
1990	1990	Southern Yellow Pine	Reject	Sound and Bore	No	No	7/11/2024 11:52	41.64787515	-90.59008243
2009	2009	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 11:53	41.65130722	-90.56812864
2009	2009	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 11:56	41.65162399	-90.56813285
1998	1998	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 11:56	41.64816858	-90.56825982
2018	2018	Other/Unknown	Pass	Report Only	No	Yes	7/11/2024 11:58	41.65200599	-90.56811028
2008	2008	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 12:01	41.65240986	-90.56811952
1980	1980	Southern Yellow Pine	Pass	Sound and Bore	No	No	7/11/2024 12:03	41.64885337	-90.56829668
1979	1979	Southern Yellow Pine	Pass	Sound and Bore	No	No	7/11/2024 12:06	41.64853654	-90.56830498
1995	1995	Southern Yellow Pine	Pass	Sound and Bore	No	No	7/11/2024 12:07	41.65078547	-90.56828654
1979	1979	Western Red Cedar	Pass	Sound and Bore	No	No	7/11/2024 12:08	41.64815711	-90.56831066
1974	1974	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 12:11	41.65040191	-90.56811445
1995	1995	Western Red Cedar	Pass	Sound and Bore	No	No	7/11/2024 12:11	41.64893635	-90.56812817
1989	1989	Western Red Cedar	Pass	Sound and Bore	No	No	7/11/2024 12:13	41.65039619	-90.56830255
2013	2013	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 12:14	41.64847366	-90.56827225
1980	1980	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 12:17	41.65013292	-90.56828903
1995	1995	Southern Yellow Pine	Pass	Sound and Bore	No	No	7/11/2024 12:17	41.64979459	-90.56879459
1995	1995	Southern Yellow Pine	Pass	Sound and Bore	No	Yes	7/11/2024 12:19	41.65010125	-90.5681

2020	Southern Yellow Pine	Pass	Report Only	No	Loose/Damaged Ground Wire	No		7/11/2024 13:24	41.64859697	-90.58530498
2020	Other/Unknown	Pass	Report Only	No		Yes	11.9	7/11/2024 13:26	41.65005005	-90.58373957
2020	Other/Unknown	Pass	Report Only	No		Yes	7.4	7/11/2024 13:27	41.64924901	-90.58377927
1989	Southern Yellow Pine	Pass	Sound and Bore	Yes		No		7/11/2024 13:28	41.64894652	-90.5852974
2020	Other/Unknown	Pass	Report Only	No		Yes	22.9	7/11/2024 13:29	41.64963655	-90.58375291
2010	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 13:31	41.64927333	-90.58531217
1995	Southern Yellow Pine	Pass	Sound and Bore	No		Yes	22.9	7/11/2024 13:31	41.64962779	-90.58333964
1995	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 13:34	41.64940854	-90.58332455
1969	Southern Yellow Pine	Pass	Sound and Bore	Yes		Yes	13.8	7/11/2024 13:36	41.64897043	-90.58644988
1995	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 13:37	41.64900967	-90.58315282
2007	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 13:40	41.6493014	-90.58629632
1993	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 13:41	41.64901252	-90.58365939
1993	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 13:43	41.64821902	-90.58317368
1969	Western Red Cedar	Pass	Sound and Bore	Yes		Yes	9.5	7/11/2024 13:45	41.64894582	-90.58345691
2010	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 13:56	41.64925771	-90.58707235
2012	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 13:56	41.64938976	-90.58417103
1988	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 13:59	41.64773436	-90.58334586
2020	Southern Yellow Pine	Pass	Report Only	Yes		Yes	34.7	7/11/2024 13:59	41.64892262	-90.58762724
1988	Western Pine	Pass	Sound and Bore	No		Yes	9.16	7/11/2024 14:01	41.64786924	-90.58423566
1969	Southern Yellow Pine	Pass	Sound and Bore	Yes		Yes	21.4	7/11/2024 14:04	41.64858094	-90.58766881
1988	Western Pine	Pass	Sound and Bore	No		Yes		7/11/2024 14:05	41.64962518	-90.58659984
2021	Other/Unknown	Pass	Report Only	No		Yes	10.4	7/11/2024 14:09	41.64962463	-90.58473553
1969	Southern Yellow Pine	Pass	Sound and Bore	No		Yes	14.6	7/11/2024 14:14	41.65005291	-90.58473658
1993	Western Pine	Pass	Sound and Bore	No		Yes	16.8	7/11/2024 14:18	41.64891863	-90.58629627
1988	Southern Yellow Pine	Pass	Sound and Bore	Yes		Yes	9.2	7/11/2024 14:19	41.65004204	-90.58664592
1993	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 14:23	41.64960291	-90.5866669
2020	Southern Yellow Pine	Pass	Sound and Bore	No		No		7/11/2024 14:24	41.65004028	-90.58604393
1993	Western Pine	Pass	Report Only	Yes		Yes	18.3	7/11/2024 14:31	41.64963384	-90.58771192
2018	Southern Yellow Pine	Pass	Report Only	Yes		No		7/11/2024 14:33	41.65000851	-90.58665521
						No		7/11/2024 14:37	41.64935063	-90.58773315

Pole Year	Pole Species	Pole Status	Inspection	Private Property	Maintenance Required	Ground Resistance Test	Comments	Date of Inspection	Longitude	Latitude
1993	Southern Yellow Pine	Pass	Sound and Bore	No	Loose/Damaged Ground Wire	No		7/11/2024 8:31	41.65287333	-90.58279795
2020	Southern Yellow Pine	Pass	Report Only	No	Loose/Damaged Ground Wire	No	Broken ground wire	7/11/2024 13:24	41.64859697	-90.58530498

Pole Year	Pole Species	Pole Status	Inspection	Private Property	Condition Comments	Comments	Date of Inspection	Longitude	Latitude
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1978	Southern Yellow Pine	Reject	Excavated Reject	No	Rotten Butt	Pole too far too gone to dig	7/11/2024 9:01	41.64994103	-90.58284029
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1980	Southern Yellow Pine	Reject	Sound and Bore	No	Rotten Butt	Pole to far gone to dig	7/11/2024 11:21	41.64787626	-90.58531154
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1990	Southern Yellow Pine	Reject	Sound and Bore	No	Rotten Butt	Pole to far gone to dig	7/11/2024 11:52	41.64787515	-90.59008243
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Tri-City Engineering & Integration

A Division of Tri-City Electric Co.



Tri-City Electric Co.
Since 1895

6225 N. Brady Street
Davenport, IA 52806
telephone.563.322.7181
fax.563.322.1643
www.tricityelectric.com

Bryson Stymiest
City of Eldridge Municipal Utilities
305 N. 3rd Street
Eldridge, IA 52748

June 24, 2024

RE: Water Plant SCADA Upgrade

Dear Bryson,

Tri-City Engineering & Integration, a division of Tri-City Electric Company (TCE), is pleased to provide you with proposal number Q9379 for the SCADA Upgrade at the City of Eldridge Main Water Plant. This proposal is based on various conversations and site visits. All work shall be performed in accordance with the scope of work listed in this proposal.

Tri-City Electric Company appreciates this opportunity. Please feel free to contact me with any questions or comments you may have. I can be reached as follows:

Main: 563.322.7181
Direct: 563.823.1670
Mobile: 563.349.2501
E-mail: jbrown@tricityelectric.com

Sincerely,



Jim Brown, Jr.
Software Engineer

CONFIDENCE DELIVERED.®

OVERVIEW

This proposal is to provide a new SCADA system for the City of Eldridge Water Department. This will consist of replacing the obsolete ICONICS GENESIS 32 software with Wonderware InTouch 2023 Human Machine Interface (HMI) software. In addition, a new PC will be provided with Windows 11 that will replace the obsolete PC running Windows 7 operating system. New interactive software will be used to provide alarm notifications via phone, e-mail or the mobile-based application. This will replace the current alarm dialer that requires the use of land line connection. The new software will use voice over IP (VoIP) for phone dial out*. Lastly, a 100-tag Historian will be provided to log various data points for retrieval of past data. This software package will be in a virtualized environment so that it allows for a cost-effective solution should the PC become inoperable down the road and need to be loaded on a new PC. The proposed solution here mimics the current setup used at the City of Eldridge Waste Water Plant and will provide a commonality among the two Utility Departments.

** Please note the current VoIP network used in the City of Eldridge is obsolete. It can't be guaranteed there will be an available Mitel CAT F license as there are only 4 left and no availability to purchase anymore from Mitel.*

SCOPE OF WORK

Engineering & Design

- Spec and Order Hardware
- System Configuration

Automation Material and Assembly

- The following material will be supplied and assembled by TCE:

Qty	Mfg.	Description
Main Office		
1	Dell	Intel Core i7-14700 (20 Cores), Windows 11 Professional 64-Bit, 16GB DDR5 RAM, 256GB Solid State Drive, Additional 2.5" 1TB Hard Drive, AMD Radeon RX 640, Microsoft Office Professional 2021, 8X DVD Drive, 2nd Intel Gigabit NIC PCIe Card
1	Wonderware	AVEVA InTouch HMI 2023 Workstation 2500 Tag with I/O, 1-Year Customer First Support, Standard Level
1	Wonderware	Historian, 100 Tag, 1-Year Customer First Support, Standard Level
1	WIN-911	WIN-911 2021 Interactive Software Customer Care Subscription - One Year Basic
1	Kepware	Bristol/IP Driver, Perpetual License
1	Mitel	CAT F License, SIP Station License

Programming

- Wonderware VM Creation & Setup
- Wonderware Software Install
- Wonderware Screen Development (See Attached Screens at end of document)
 - Overview Screen
 - Towers Screen
 - Hi Service Pumps
 - Clear Well
 - Well + Daily Data

- Alarms
- Trends
 - Tower
 - Clear Well
- Wonderware Historian Installation & Setup
- WIN-911 Installation & Setup
- Kepware Installation & Setup

Startup

- TCE will test, debug, and commission the control system, with travel time and expenses included. Startup estimated as two days onsite.

LUMP SUM PRICING

Engineering Material.....	\$ 23,486.00
Engineering Labor	\$ 31,380.00
TOTAL	\$ 54,866.00

LEAD TIME

TCE estimates the lead time of this project to be approximately 12 to 16 weeks.

EXCEPTIONS & CLARIFICATIONS

1. Any nonproductive time experienced by Tri-City Electric personnel due to circumstances beyond the control of Tri-City Electric Co. will be invoiced on a cost plus basis per current rates.
2. Unless otherwise noted, all labor quoted at straight time rates.
3. VoIP only available for WIN-911 if an obsolete Mitel license is still available.
4. Electrical Installation is not included, but can be quoted upon request.
5. Mechanical Installation is not included.
6. Unless otherwise noted, we do not include costs for arc flash/coordination studies, updating the existing arc flash model, engineering to determine arc flash label values or gathering data to provide to the owner or others for the purpose of performing arc flash/coordination studies. This can be quoted upon request.
7. Existing ancillary systems or attachments, which are not provided as part of our proposal, may contain deficiencies that could impact the performance of our proposed solution. These deficiencies, or undisclosed information, known or unknown, may be subject to a change order to troubleshoot, repair, or modify the existing system to achieve the expected operation.
8. TCE is not responsible for damaged or defective hardware supplied by others.
9. Production support is limited to startup as defined above. Further support can be provided at additional cost.
10. Unless otherwise stated, all freight from TCE to customer location is FOB Tri-City Electric.
11. Any applicable taxes are not included in pricing. Customer to supply corporate tax exemption certificate to TCE prior to start of the project.
12. Please note: As the global COVID-19 situation continues; material lead time, material pricing, and manpower scheduling is subject to change in the event of adverse situations caused by pandemic effects. We appreciate your business and will work closely with you to minimize any possible impacts to your project.

Standard Terms and Conditions of Sale

Terms: Project to be invoiced monthly as work progresses. Net 30 days, from Tri-City Electric Company's invoice date. A 1.5 percent per month charge will be assessed on all past due invoices. Bid is subject to the terms of a mutually acceptable contract. Bid is based on the daily market rate for goods and commodities reflected by the submitted date of this proposal.

Taxes: The above prices DO NOT include any taxes. Any applicable taxes on labor or material prices will also be invoiced to the customer, unless the customer furnishes Tri-City Electric with an exemption.

Changes & Additions: Any additional extra services purchased will be billed monthly or upon completion of a project, if a project completes before the end of the month. Any additional extra material or equipment will be billed on order entry, or upon a schedule mutually agreed upon. Tri-City Electric Company and the customer, prior to the commencement of any work additions or changes, must mutually agree to all changes and additions in writing.

Overtime & Material Expediting: Work is to be performed during a standard 8-hour workday, Monday through Friday. Unless otherwise noted, the services quoted do not include any overtime work or charges for expediting material. If overtime work or material expediting (overnight express shipments, etc.) is desired to improve a schedule, then the cost shall be added to the price.

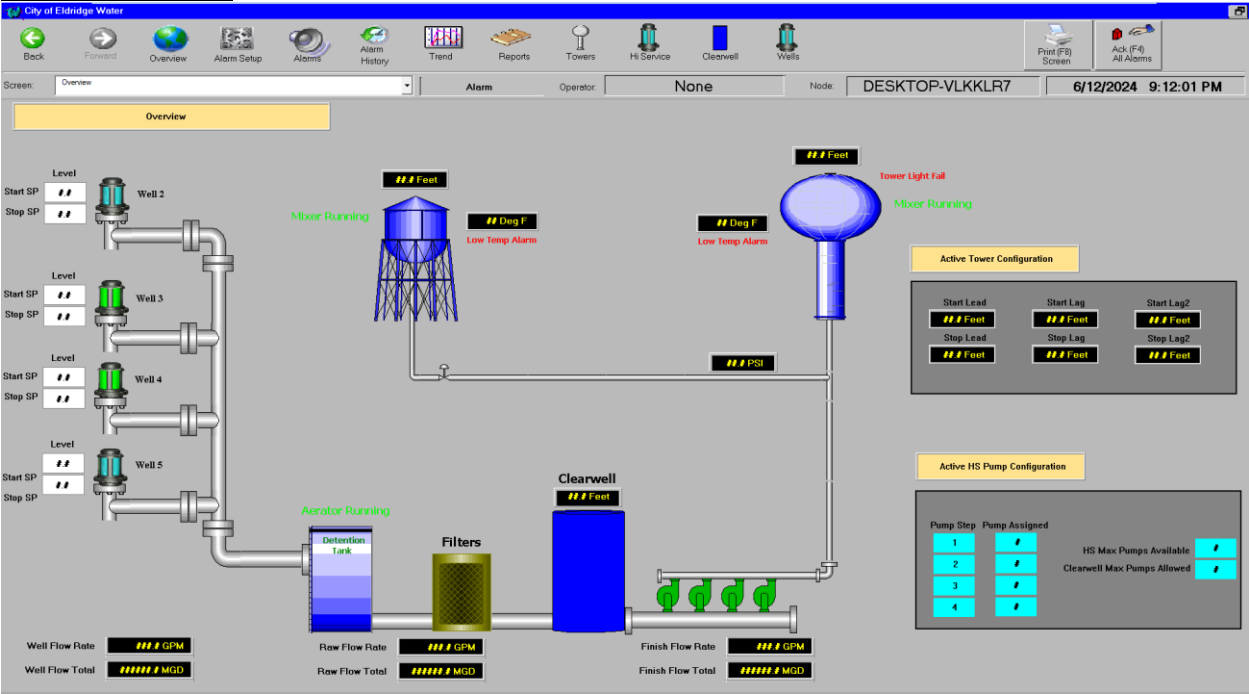
Proposal Expiration: 30 Days from the date of this proposal.

Non Solicitation of Employees. By acceptance of this proposal, customer agrees not to directly or indirectly recruit, solicit, hire or induce any employee of Tri-City Electric Company or any affiliate thereof, to terminate his or her employment with Tri-City Electric Company. This restriction does not apply to solicitation of any employee of Tri-City Electric Company or any affiliate thereof, who Tri-City Electric Company has terminated due to job elimination or reduction in work force. Contractor agrees that it must obtain written consent of Tri-City Electric Company prior to hiring any such Tri-City Electric Company employee. The duties, objections and restrictions set forth in this paragraph shall expire upon the first anniversary of the conclusion date of the engagement contemplated in this proposal.

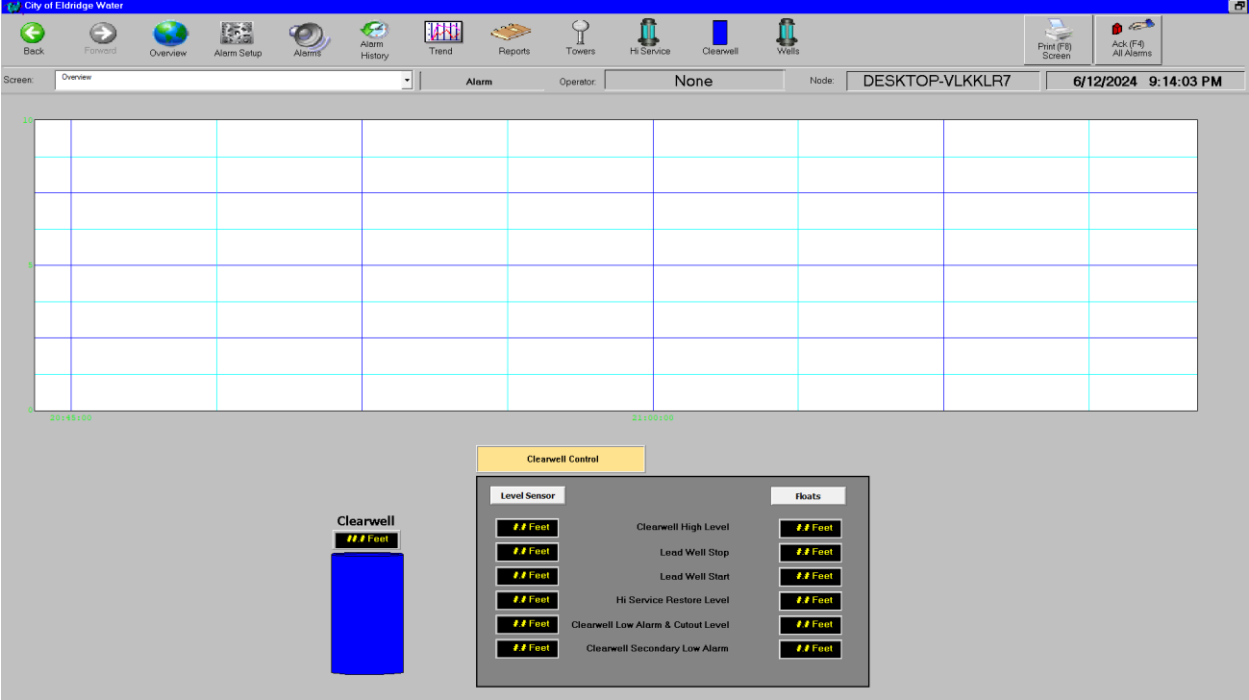
Proprietary Note: This document contains confidential trade secret and other proprietary information of Tri-City Electric Company of Iowa (Tri-City). This document may not be transferred or copied without express written authorization of Tri-City. In addition, neither this document nor the information it contains may be used by or disclosed to any third party without Tri-City's written consent.

Force Majeure: If the Subcontractor is delayed at any time in the commencement or progress of the Work by diseases, epidemics, pandemics, including but not limited to labor or material shortages, unusual delay in deliveries, restrictions on access or travel, unavoidable casualties or other causes beyond the Subcontractor's control, then the contract times shall be extended.

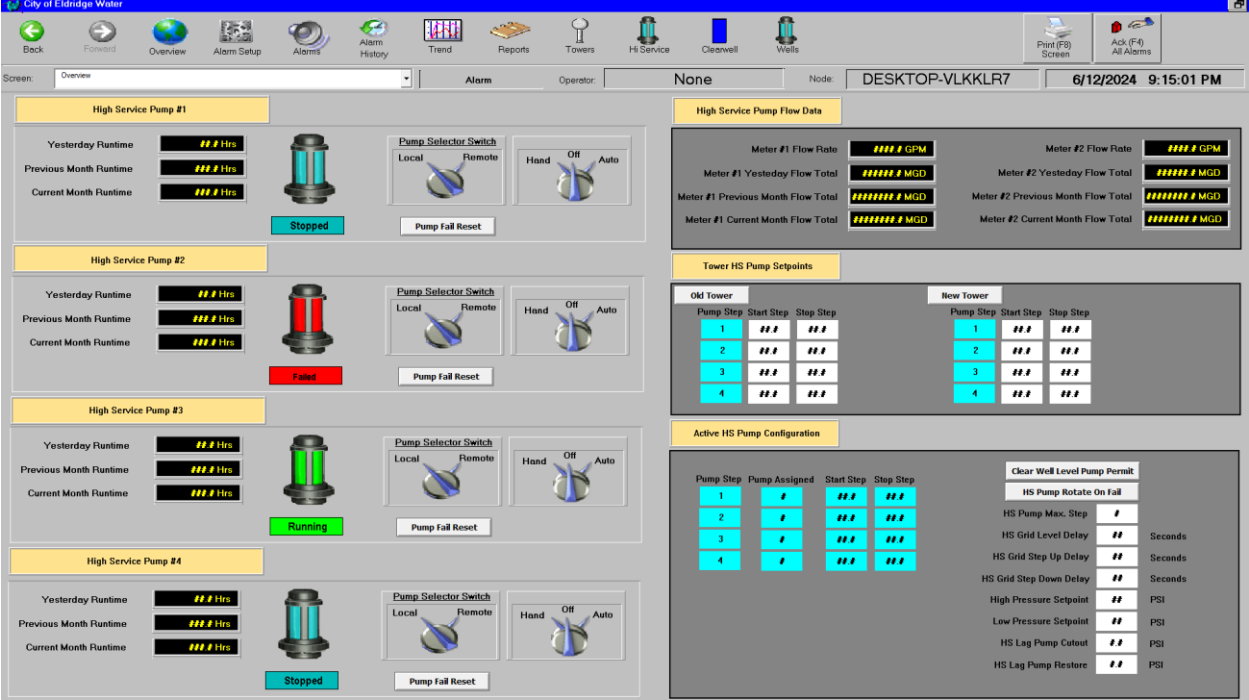
Overview Screen



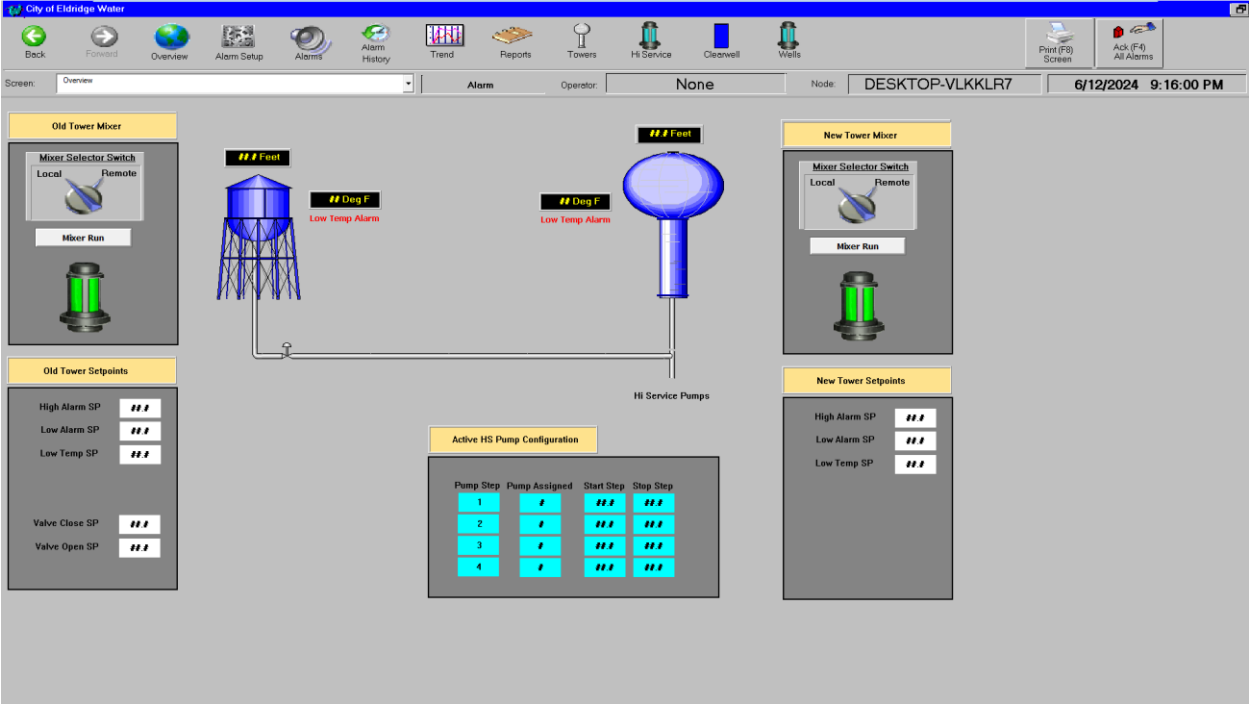
Clearwell Screen



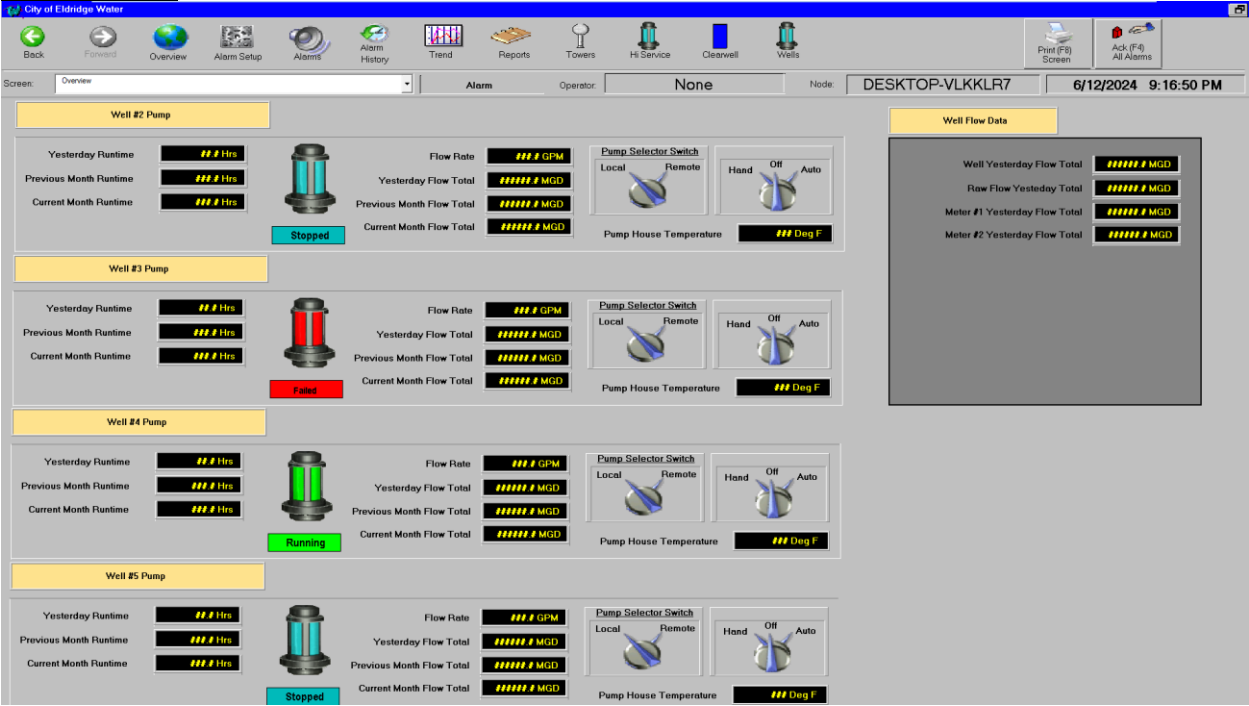
Hi Service Pumps



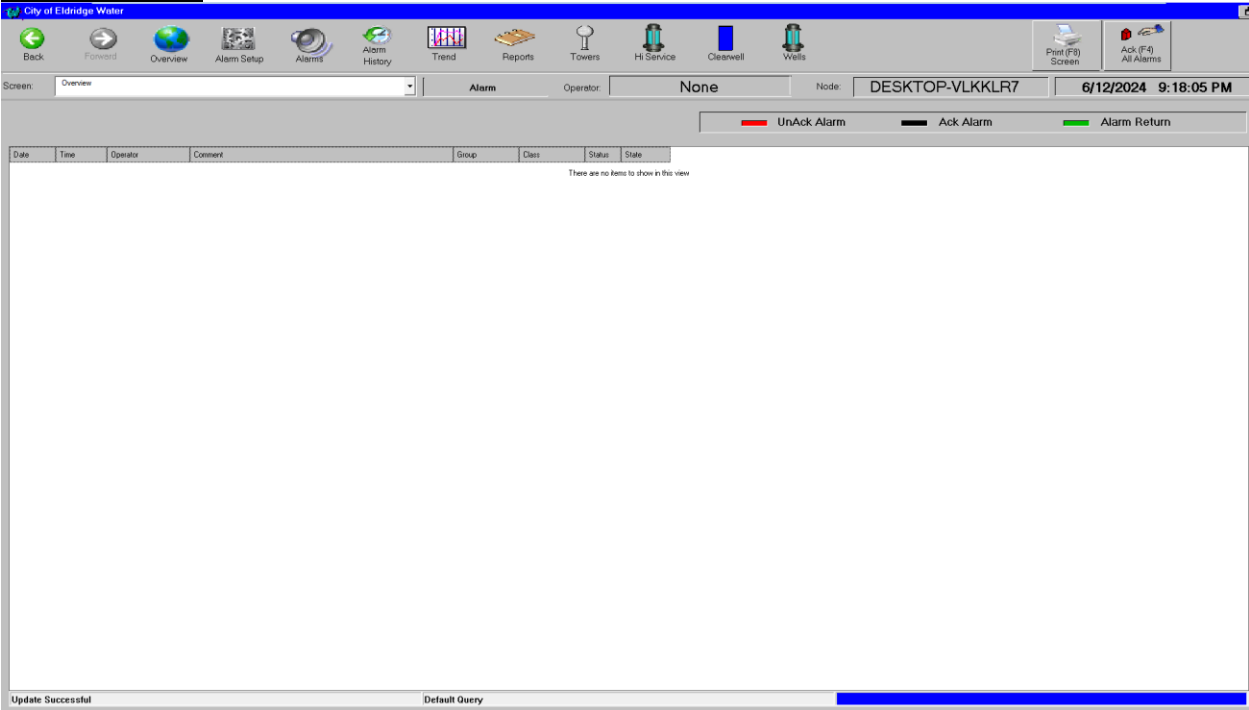
Towers



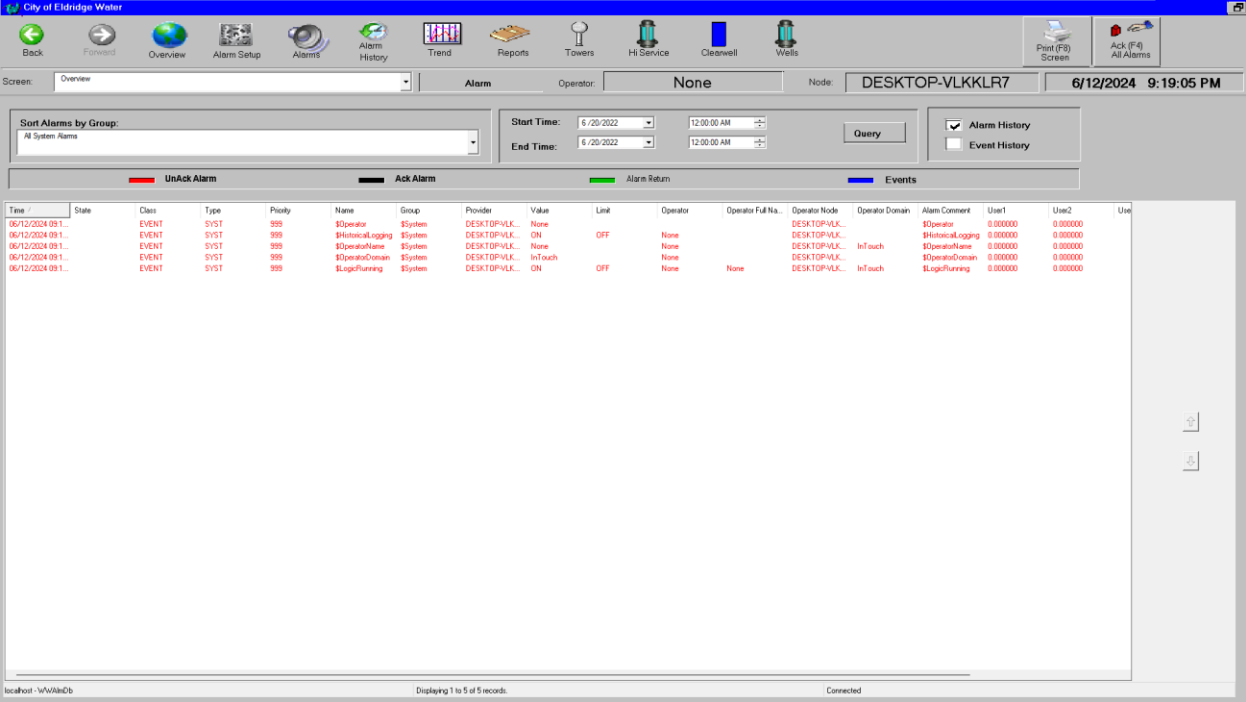
Wells Screen



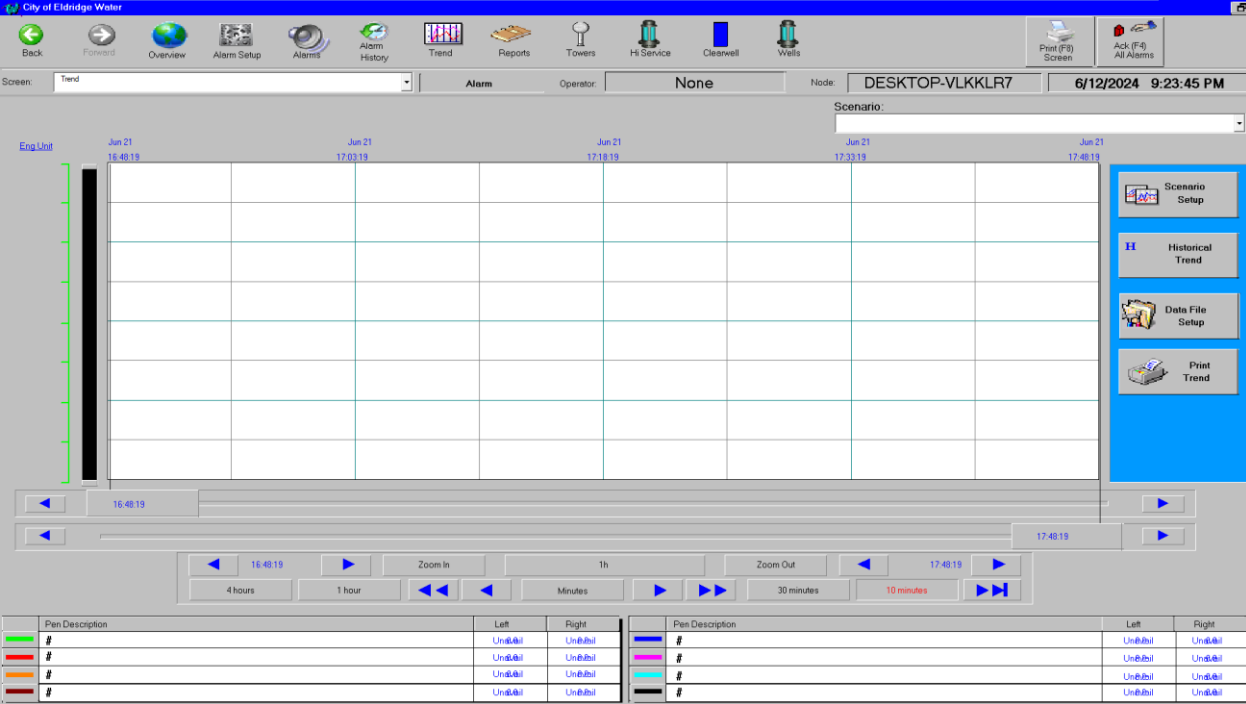
Alarms Screen



Alarm Summary Screen



Trend Screen





City of Eldridge
Eldridge, IA
7/9/2024

**Remove and Replace (2) windows. New windows to be white vinyl casement with low glass,
full screens**

Job Total: \$4,610.00

Notables

- All work performed M-F 7:00am-3:30pm
- No hazardous material remediation
- City permits

SIGNATURE:

DATE OF
ACCEPTANCE:



City of Eldridge
Eldridge, IA
7/9/2024

Provide and install Desk, included is;

- Desk
- Delivery
- Insulation
- Moving 3 outlets

Job Total: \$7,964.00

Notables

- All work performed M-F 7:00am-3:30pm
- No hazardous material remediation
- City permits

SIGNATURE:

DATE OF
ACCEPTANCE:

Water Department Respirators



3M Versaflo PAPR TR-600 Full Face Respirator

- For demolition, grinding, metal casting and harsh environments.
- Battery-powered fan draws contaminated air through filter to deliver fresh, clean air to wearer.
- System alerts workers of poor airflow or low battery.
- **Ready-to-Use Kit Includes:** Hard hat assembly top, motor blower, battery, breathing tube, high durability belt, HE/OV/AG filter cartridge, filter cover, battery charger and high temperature breathing tube cover
- **Unit Cost:** single unit (\$3,000); 2+ units (\$2,900) each.

3M TR-6530N Organic Vapor/Acid Gas/HEPA Filter



- Specific for use of Chlorine gas.
- Unit Cost: single unit (\$170); 5+ units (\$160) each.

7/9/2024

RE: Respiratory Recommendation

To the City of Eldridge Utility Board,

Respiratory protection is required by the regulatory entities OSHA, NIOSH, and the Chlorine Institute of America for your employees in the water department because of the use of chlorine gas in the purification process. This respiratory protection must be full-faced and rated for acid gas, particulates, and organic vapors in order to properly protect employees from the hazards of chlorine gas.

3M's Versaflo TR-600 PAPR (powered air purifying respirator), will successfully make the water department compliant for OSHA regulations as well as NIOSH where chlorine gas is handled, and the respiratory protection meets the recommended standards for Water Works 5.3.2.

The purchase of these PAPRs will save the City of Eldridge on medical costs, employee fit testing and certifications, and potential OSHA fines for non-compliance and putting water department employees in harm's way, exposing them to the hazards of chlorine gas.

It is the recommendation of your City's Regional Safety Coordinator for the Iowa Association of Municipal Utilities, Sandra Jordan, that the purchase of these PAPRs be authorized for immediate purchase to ensure the safety of the City Water Department employees.

Thank you for your time and attention to this matter of safety,

Sincerely,

Sandra Jordan MBA, COSS

Regional Safety Coordinator for IAMU

sjordan@iamu.org

(310) 350-0930