



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. Public Works Report

CONSENT AGENDA

1. Minutes Approval for February 1st, 2024
2. Agenda Approval
3. Claims Approval for January 13th through February 9th, 2024
4. 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.

OLD BUSINESS

REGULAR BUSINESS

1. Discussion and Action – Recommendation to City Council to execute agreement for SCADA engineering services in amount of \$185,000.00 to Hydro Optimization and Automation Solutions
2. Discussion – Mid-America Rail Campus Update | Lucas Froeschl
3. Discussion – LB977 Update

ADJOURNMENT

Trevor Campbell, Public Works Director

REGULAR MEETING OF THE FALLS CITY BOARD OF PUBLIC WORKS

February 1, 2024
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 1st day of February, 2024, at 5:30 o'clock P.M. Present were: Board Members: Froeschl, Johansen, Joy, Koopman, Rieger. Absent: None. 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 Vice 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 January 4, 2024 regular meeting is hereby approved. 2. *BE IT FURTHER RESOLVED* BY the Board of Public Works that the agenda for February 1, 2024, is hereby approved. 3. *BE IT FURTHER RESOLVED* BY the Board of Public Works that the Claims December 16 through January 12, 2024, is hereby approved. 4. *BE IT FURTHER RESOLVED* BY the Board of Public Works that the Consent Agenda for February 1, 2024, is hereby approved. Roll was called on this motion and the members voted as follows: "YEA" Froeschl, Johansen, Joy, Koopman, Rieger "NAY" None. "ABSENT" None. Motion carried.

REVIEW OF CAPACITY SALES FOR 10MW OF EXCESS RESERVE AT POWER PLANT - TREVOR CAMPBELL & ANTHONY NUSSBAUM

A motion was made by Froeschl and seconded by Johansen to move into execution session at 5:57pm. Roll was called on this motion and the members voted as follows: "YEA" Froeschl, Johansen, Joy, Koopman, Rieger "NAY" None. "ABSENT" None. Motion carried. A motion was then made by Froeschl and seconded by Johansen to move out of execution session at 6:15pm. Roll was called on this motion and the members voted as follows: "YEA" Froeschl, Johansen, Joy, Koopman, Rieger "NAY" None. "ABSENT" None. Motion carried.

APPROVAL OF ONSITE OPERATOR TRAINING BY WARTSILA FOR ENGINE 9 - WARTSILA

A motion was made by Froeschl and seconded by Joy to approve operator training by Wartsila provide Trevor with authority to negotiate up to \$50,000 with Wartsila for training and troubleshooting on Engine #9. Roll was called on this motion and the members voted as follows: "YEA" Froeschl, Johansen, Joy, Koopman, Rieger "NAY" None. "ABSENT" None. Motion carried.

APPROVAL OF RENEWAL OF MPPA MUTUAL AID AGREEMENT - MPPA

A motion was made by Joy and seconded by Rieger to approve renewal of MPPA Mutual Aid Agreement. Roll was called on this motion and the members voted as follows: "YEA" Froeschl, Johansen, Joy, Koopman, Rieger "NAY" None. "ABSENT" None. Motion carried.

APPROVAL OF WATER SYSTEM DIAGNOSTIC SERVICES – FARABEE MECHANICAL

A motion was made by Joy and seconded by Johansen to approve Farabee Mechanical agreement to diagnose water system. Roll was called on this motion and the members voted as follows: "YEA" Froeschl, Johansen, Joy, Koopman, Rieger "NAY" None. "ABSENT" None. Motion carried.

MEETING ADJOURNED AT 6:48PM

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 February 1, 2024 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



Expense Approval Report

By Fund

Payable Dates 1/13/2024 - 2/9/2024

Vendor Name	Payable Number	Post Date	Description (Item)	Account Number	Amount
Fund: 190 - Streets					
Grainger	9973614713	01/25/2024	Grainger - cold patch 60# bag	190-03-31-52002	2,228.60
Fund 190 - Streets Total:					2,228.60
Fund: 600 - Electric					
Ansell	21996809	01/24/2024	safety gloves Valeo size L (E14	600-07-00-10500	618.60
Falls City Mercantile	215794	02/05/2024	Center pull paper towels (X21	600-07-00-10500	106.35
Dutton-Lainson Co	S30089-1	01/29/2024	45 KVA 13800GRDY/7970 208	600-07-00-10500	15,370.26
Dutton-Lainson Co	S30089-1	01/29/2024	45 KVA 13800/7970 240 Delta	600-07-00-10500	92,100.85
WESCO DISTRIBUTION INC.	317397	02/01/2024	Elbow-#2 Strd Elastimold 161	600-07-00-10500	999.75
Border States	927788873	02/01/2024	5/8" square nut galv (E1079)	600-07-00-10500	15.80
Dutton-Lainson Co	S30089-2	02/02/2024	45 KVA 13800/7970 240 Delta	600-07-00-10500	15,350.14
Industrial safety.com	1000233965	02/06/2024	small safety glasses Reclus (E1	600-07-00-10500	275.57
Amazon Capital Services	174M-7K7Y-JF3N	02/06/2024	12 x 12 towels Wypall L30 (05	600-07-00-10500	1,177.80
Core & Main LP	T699032	02/06/2024	Fm2S-House Meter Stratus LB	600-07-00-10500	5,598.60
RESCO	3021480	02/07/2024	Connector Compression, WR-	600-07-00-10500	93.53
RESCO	3021480	02/07/2024	Connector Compression, WR-	600-07-00-10500	61.28
Border States	927822188	02/07/2024	Meter Blank Off Cover-Ecks. #	600-07-00-10500	60.27
Altec Industries, Inc.	12494236	02/08/2024	Altec hose reel and assembly	600-07-61-52015	965.18
Border States	927830539	02/08/2024	5/8" square nut galv (E1079)	600-07-00-10500	21.83
Border States	927830540	02/08/2024	1" SCH40 PVC conduit	600-07-00-10500	970.83
Border States	927830540	02/08/2024	Strap, 1"-2 Hole (E110)	600-07-00-10500	6.88
Border States	927830541	02/08/2024	Fuse Link 150 AMP-S&C 6415	600-07-00-10500	210.78
Dutton-Lainson Co	S30089-3	02/09/2024	75 KVA 13800/7970 240 Delta	600-07-00-10500	17,156.83
Fund 600 - Electric Total:					151,161.13
Fund: 610 - Water					
Municipal Supply Inc of Omah	0897290-IN	01/26/2024	11/16 hole saw	610-07-65-52420	312.60
Municipal Supply Inc of Omah	0897290-IN	01/26/2024	7/8 hole saw	610-07-65-52420	165.55
Lincoln Winwater Works Co	099244 01	01/24/2024	2" x 20" full circle clamp #226	610-07-65-10500	181.26
Municipal Supply Inc of Omah	0898039-IN	01/31/2024	1" x 3/4" galv reducer couplin	610-07-65-10500	3.76
Municipal Supply Inc of Omah	0898039-IN	01/31/2024	3/4" x 1/2" galv reducer coupl	610-07-65-10500	5.38
Municipal Supply Inc of Omah	0898039-IN	01/31/2024	road box lid (W1629)	610-07-65-10500	90.03
Municipal Supply Inc of Omah	0898040-IN	01/31/2024	10" cut-in valve (W1625)	610-07-65-10500	2,290.01
Municipal Supply Inc of Omah	0898040-IN	01/31/2024	10" Uni-Flange for Ductile (Bla	610-07-65-10500	568.55
Municipal Supply Inc of Omah	0898040-IN	01/31/2024	8" MJ bolt/access pack	610-07-65-10500	263.76
Municipal Supply Inc of Omah	0898040-IN	01/31/2024	10" x 12" MJ sleeve (W1528)	610-07-65-10500	207.14
Municipal Supply Inc of Omah	0898040-IN	01/31/2024	10" x 10" x 6" tee	610-07-65-10500	272.52
MUNICIPAL SUPPLY	0898151-IN	01/31/2024	1 1/4" stop box repair lid with	610-07-65-10500	227.96
MUNICIPAL SUPPLY	0898151-IN	01/31/2024	1" I-I ball curb stop Ford B11-	610-07-65-10500	138.09
Core & Main LP	S555734	02/02/2024	radio read touch coupler for r	610-07-65-10500	5,482.73
Core & Main LP	U226646	02/05/2024	1" x 2" brass nipple (W964)	610-07-65-10500	11.93
Core & Main LP	U226646	02/05/2024	3/4" IPS poly tubing (W1617.5	610-07-65-10500	47.30
Core & Main LP	U226646	02/05/2024	AMR black touchpad #39A (3/	610-07-65-10500	172.00
Fund 610 - Water Total:					10,440.57
Fund: 620 - Gas					
RCP	INV125644	02/08/2024	RCP 31 DAY 0-100PSI 7 0-500	620-07-63-52429	260.00
RCP	INV125644	02/08/2024	RCP 7day 0-100 psi 4" charts	620-07-63-52429	263.38
Fund 620 - Gas Total:					523.38
Grand Total:					164,353.68

Report Summary

Fund Summary

Fund	Expense Amount
190 - Streets	2,228.60
600 - Electric	151,161.13
610 - Water	10,440.57
620 - Gas	523.38
Grand Total:	164,353.68

Account Summary

Account Number	Account Name	Expense Amount
190-03-31-52002	Asphalt-Cold Mix	2,228.60
600-07-00-10500	Inventory-Electric Gener	150,195.95
600-07-61-52015	Vehicle/Equipment Repa	965.18
610-07-65-10500	Inventory-Water	9,962.42
610-07-65-52420	Small Equipment	478.15
620-07-63-52429	Supplies & Materials	523.38
	Grand Total:	164,353.68

Project Account Summary

Project Account Key	Expense Amount
None	164,353.68
Grand Total:	164,353.68



Hydro Optimization and Automation Solutions

February 9, 2024

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

Professional Services Proposal

Mr. Campbell,

Following is the proposal for HOA Solutions to provide professional services for SCADA/control system upgrade for the City of Falls City's water system. This proposal is for system design, as well as programming and integration of the hardware and software that will be procured based on documents resulting from this design.

This design will be to upgrade the existing system with a like-kind solution as well as cost estimates for more desired options. Existing panels include:

- 2 at the WTP: Master control panel and filter control panel
- 3 old wells.
- 1 collector well.
- 1 tower.
- 1 booster pump panel and 1 radio at the power plant. (radio panel may be eliminated depending on design results)

HOA will provide the following services and deliverables prior to equipment/software procurement:

- Project engineering: Component selection, network/communication design, site recon, operation description development.
- Complete construction drawings and Bill of Materials for all required PLC panels. These drawings and BoM will be used for procuring the upgraded PLC panels and/or panel components for those panels to be modified on site.
- Specifications/requirements for SCADA software and hardware as well as communication and network hardware.
- Quotes or cost estimates for wish list items.

The services to be provided after equipment procurement include:

- All PLC programming: WTP control panels, well control panels, Booster pump control panel and tower control panel.
- Programming of SCADA software at WTP: VT SCADA will replace existing software and will be configured similar to the existing SCADA software and with direction and input from the operators.
- Screen and Report review meeting with operators.
- Complete Standup of all SCADA computers, PLCs, radios, etc. including loading and commissioning all software packages, antivirus protection, backup software, communication software, and cyber security software/equipment.

(402) 467-3750 (402) 467-1568 (FAX)
2601 West L Street, Suite 1 Lincoln, NE 68522

Hydro Optimization and Automation Solutions

- Factory Acceptance Testing (FAT) at our shop prior to installation.
- Installation and startup of all provided equipment.
- Site Acceptance Testing (SAT) of the system after installation and startup.
- On-site operator training for both hardware and software.
- Project Punch List development and completion.
- 1 year warranty on entire system.

The cost of the integration for this project \$185,000.00
Sales tax is included in the price.

Any required permits are not included, electrical or other.

Thank you,

Lincoln Williams P.E.



HOA Solutions, Inc.

References:

McCook Water – Pat Fawver – 308-345-2022

Papillion Water – Nick Adams – 402-597-2019

Beatrice Water – Wayne Rickers – 402-239-6050

North Platte Water – Dave Dailey – 308-530-0959

Bay West-Mead – Vince Stallbaumer – 402-677-4069

York Water – Brandon Osentoski – 402-366-6205



Statement of Qualifications

Water – Wastewater
SCADA – Telemetry – VFDs

2601 West L Street, Suite 1
Lincoln, NE 68522
(402) 467-3750
hoa-solutionsinc.com



To the Reader

This document is a general overview of the qualifications and experience of HOA Solution Inc. HOA offers a full complement of engineering, design, and implementation of controls systems for the water and wastewater industries. Our staff is comprised of professional solutions, programmers, and technicians with extensive experience. We would welcome the opportunity to discuss your project plans.

Included is an abbreviated listing of the project types and specific capabilities that provide a generalized scope of the services provided by HOA. We also maintain a working relationship with several electrical and general contractors to provide a broader scope of services.

If we could be of any assistance on your project plans, please contact any of the individuals from our leadership team below.

Lincoln Williams, P.E. – President
lincoln@hoa-solutionsinc.com

Joel Hying – Vice President of IT and SCADA
joel.hying@hoa-solutionsinc.com

Curtis Klein – General Manager
curtis.klein@hoa-solutionsinc.com

Ryan Darveau – Design Engineer
ryan.darveau@hoa-solutionsinc.com

Collin Hoffman – Design Engineer
collin.hoffman@hoa-solutionsinc.com

Debi Haack – Assistant Project Manager
debi.haack@hoa-solutionsinc.com

Any of these individuals can be reached at our headquarter location:

HOA Solutions
2601 West L Street, Suite 1
Lincoln, NE 68522

(402) 467-3750
HOA-SolutionsInc.com

Corporate Introduction

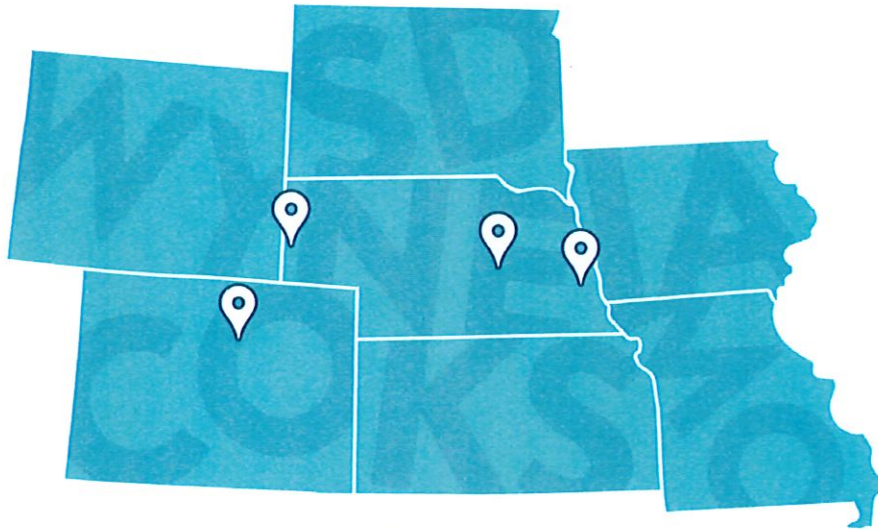
HOA has been in business for nearly 30 years, fully dedicated to the water and wastewater industry.

HOA is a full-service systems integrator, serving Colorado, Wyoming, South Dakota, Nebraska, Kansas, Iowa, and other surrounding states. HOA has over 20 employees with disciplines covering engineering, PLC programming, SCADA, telemetry, VFDs, and other capabilities. We have a UL508 panel shop at our Lincoln, Nebraska headquarters. Our total commitment is providing quality solutions and excellent service. We have sales and service staff in Lincoln, Estes Park, and Scottsbluff, as well as our Central Nebraska office.

Our geographic service area is essentially unlimited, but historically has been centered in the Midwest and Rocky Mountain states, where we are able to provide strong service for our clients.

The combination of our approach to service, and the large number of service technicians at HOA, provides us with a significant advantage to the communities and partners we serve.

HOA is fully insured, maintaining all necessary coverage for municipal and industrial projects. We also have a licensed Professional Engineer for Control Systems Engineering on staff in Lincoln.



Core Values

We have built a great culture at HOA Solutions. If you're a client or even a prospective employee, you can expect HOA Solutions to exhibit these values:

1. Can Do Attitude

Embraces challenge with a confident attitude and continued effort to do or achieve something despite difficulties, failure, or opposition.

2. Prepared, Productive Worker

High productivity and use available resources. Get \$h!t done!

3. Have Fun

Enjoy your job and let it show in a careful and professional way.

4. Flexible

Ability to think outside of the box and open to change.

5. Give a \$H!T

Holds oneself accountable for results with a genuine concern for what is morally and ethically correct for ALL.

Our Guarantee

We'll be there for you.

As we expand into new territories, the single largest concern we hear about is – that current service is lacking. In order to ensure that HOA meets and exceeds expectations, we have developed a service priority rating system with a timeline of service. If our initial response is not done within that timeline, our travel and labor are free of charge.

ROYAL Service

Red • Orange • Yellow • Always • Live

Servicing our customers is our highest priority.

Service calls are prioritized based upon urgency.

RED

Speak with someone within 30 minutes

On-site within 24 hours (if needed)

ORANGE

Speak with someone within 24 business hours

On-site within 1 week

YELLOW

Speak with someone within 24 business hours

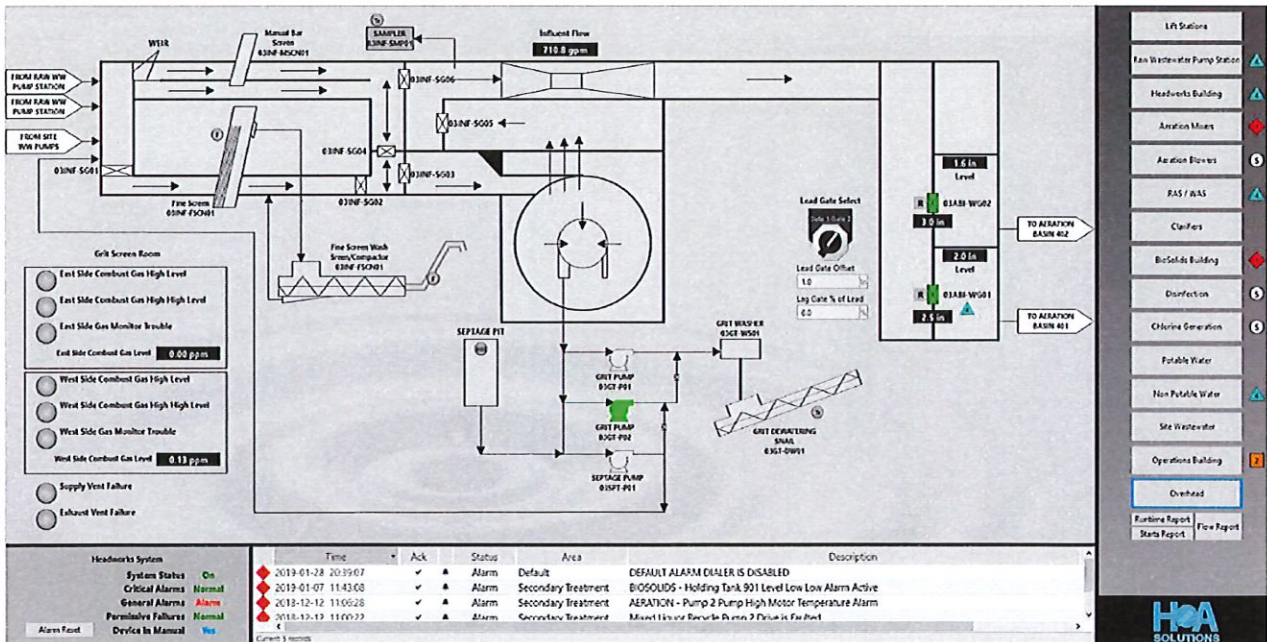
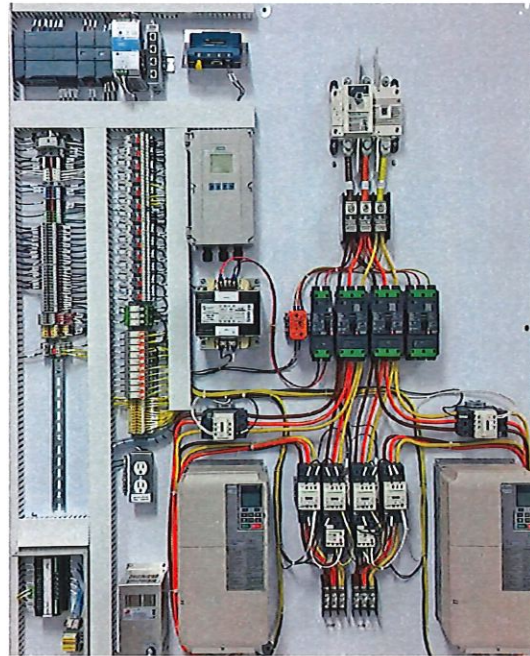
On-site within 30 days



Profile of Professional Services

For more than 30 years, HOA Solutions has been serving the water and wastewater industries as a full-service control systems integrator. We provide a wide variety of products and services, including:

- Control Systems Design
- PLC and HMI Programming
- SCADA
- Telemetry
- Variable Frequency Drives
*Factory certified startups for certain brands
- Instrumentation
- Small Electrical and Mechanical
- Cybersecurity
- UL508A Panel Shop
- Motor Control Centers
- Remote Connectivity
- Alarming
- Process Control



HOA's Proven Process



Initial Contacts

- Discussion with clients about their needs and wants
- 5,000-foot analysis of the system



Recommendation

- HOA's recommendation for the system
- Cost-saving measures
- Possible staggered implementation to address any budget concerns
- Proposal and pricing for the recommended project



Project Development

- Internal HOA kick-off meeting
- Review of site-specific analysis
- Enhancement suggestions by HOA staff
- Define project timeline
- Assignment of project tasks
- Bench test PLC, process, HMI, and communications



Installation of System

- Coordinate with client on timeline and access
- Determine appropriate cutover sequence
- Conclude any pre-work to be completed prior to implementation
- Complete installation and test functionality



Site Acceptance Testing (SAT)

- Confirm operation
- Confirm all programming is correct and make any needed modifications
- Test instrument feedback and performance
- Confirm HMI
- Test alarming
- Training on system with appropriate personnel



Customer Finalization

- Deliver manuals and documentation
- Make changes or adjustment after a 45-60 day burn-in period
- Request customer report on HOA's performance on the project
- Internal HOA project review and identify areas of improvement

Our Promise

Our systems work

Before finishing any project, HOA Solutions guarantees the system is running properly, and the customer is given the necessary training to operate the system.

We'll be there for service calls

HOA has a detailed service call response schedule, which eliminates dropped service requests, results in faster service, and increases our team's efficiency.

We don't gouge our customers

HOA Solutions believes in long-term relationships, which allows us to maintain a customer retention rate of over 95% in the last 10 years. Our affordable service contracts give customers the peace of mind that we have their back when they need us.

No proprietary equipment

HOA Solutions uses reliable equipment from well-known manufacturers such as Rockwell/Allen Bradley, Emerson, Siemens, Phoenix Contact, etc.

We listen

HOA Solutions believes in working together to find the solution that works best for the client. Together we discuss our customers' needs and wants before making any changes.

We will work on any equipment

HOA Solutions provides experienced technicians who have worked on out-dated equipment, and we are willing to look at almost anything. In many instances, a replacement may be necessary due to the cost and availability of the out-dated parts. However, this is a decision HOA Solutions and our customer will make together after we have given our best effort to maintain the current equipment.

"A company's real product is the feeling you have when you do business with them."

Professional and Technical Staff

HOA provides personnel and management services at multiple levels for your project.

Our staff totals over 20 professionals. While our personnel have key responsibilities within HOA, we often operate in a cross-functional capacity to assure our projects are completed, done right, and the customer is serviced for the life of the system.

In addition to the many professional and technical registrations held by our staff, we have completed additional hours of training in various areas including OSHA, certified start-ups, cybersecurity, UL, safety training, and leadership training. As a company, we average nearly 1,100 hours each year in ongoing training.

Our staff is well-versed in the use of technology to perform tasks such as radio path studies, system design, and system analysis. We are very familiar with several conventional packages.

Key leadership team and support staff follow on the next page.

Lincoln Williams – President | Owner

- Bachelor's Degree in Mechanical Engineering
- Master's Degree in Biological Engineering
- Certified PE in Control Systems Engineering in the State of Kansas
- Certified PE in Control Systems Engineering in the State of Nebraska
- Certified PE in Control Systems Engineering in the State of Iowa
- Certified PE in Control Systems Engineering in the State of Oklahoma
- Lead Design Team Member
- 20 Years Experience in Controls Systems

Curtis Klein – General Manager

- Bachelor's Degree in Organizational Management
- 20+ Years in Business Solution Management
- 30+ Years in Customer Solution Sales
- Small Business to Big Corporate Business Experience
- Account Management for Win-Win Solutions

Joel Hying – Vice President of IT and SCADA

- Bachelor's Degree in Business Administration/Management Information Systems Technologies
- Associate's Degree in Electronic Systems
- VTScada Certified – Advanced
- Department of Homeland Security (ICS-CERT)—Industrial Control Systems Cybersecurity 301
- Iconics Certified
- Siemens WinnCC Certified
- Experience in Wonderware, iFix, Citect, Infilink, FactoryTalk View, and Win-911
- 14 Years of Experience in Controls Systems

Debi Haack – Service Manager

- 20 Years Manager with HOA Solutions Inc.
- 18 Years Experience in Sage Businessworks
- 2 Years Experience in Quick Books
- 12 Years Experience in Davis Bacon Reporting
- 20 Years Experience in Purchasing, Receiving, Accounts Payable, and Accounts Receivable

Ryan Darveau – Design/Applications Engineer, Engineering Department Manager

- Bachelors Degree in Mechanical Engineering
- 4 Years Project Estimating
- 6 Years of Control System Design/Engineering
- Experience in AutoCAD and EPLAN Drawing Software

Sarah Stoecker – Finance Manager

- Bachelor's Degree in Business Management
- Associate's Degree in Business Accounting
- 13 Years Experience in Accounts Receivable
- 11 Years Experience in Accounts Payable and Human Resources
- 11 Years Experience in QuickBooks

Steve Miller – Electro-Mechanical Technician

- 25 years Electrical
- 15 Years Licensed Journeyman
- 25 Years of PLC Programming
- 25 Years of HMI Programming
- 25 Years Instrumentation Installation Start-Up and Calibration
- Certified in VTScada
- Fluent in RSLogix 500, 5000, Control Wave Designer and Siemens TIA Portal PLC Programming Software
- Fluent in Multiple VFD Manufacturer Equipment
- Installation and Start-Up of VFD
- VFD Application Programming
- 25 years of Service, Installation and Troubleshooting.

Jeff Hohnstein – Application Engineer | Territory Manager

- Bachelor's Degree in Agronomy
- 8 Years of PLC Programming
- 8 Years of HMI Programming
- Experienced Instrumentation Start-Up and Calibration
- Certified in VTScada
- Fluent in Siemens WinCC, GE Ifix, Iconics and Wonderware SCADA systems
- Fluent in RSLogix 500, 5000 & Logix Designer, Control Wave Designer and Siemens TIA Portal PLC programming software
- Responsible for Clients in the Mountain Time Zone.

Collin Hoffman – Design/Application Engineer

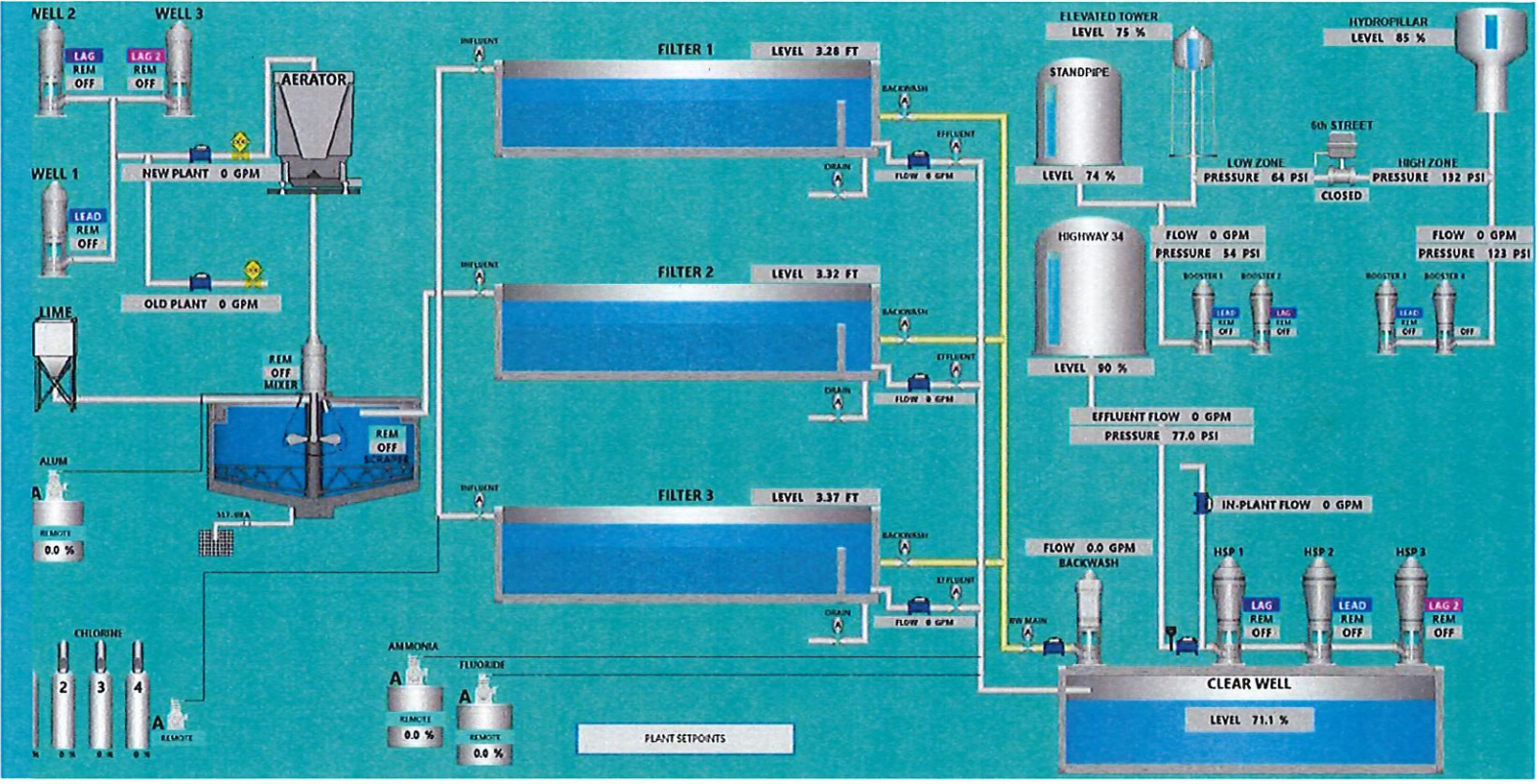
- Bachelors Degree in Mechanical Engineering
- Certified EIT (Engineer in Training)
- 3 Years of Project Estimating
- 3 Years of Control Systems Design/Engineering
- 1 Year of Project Management
- Responsible for Clients in Colorado and Wyoming

The variety of talents allows HOA Solutions to have the in-house capability to provide system engineering, fabrication, and testing. HOA Solutions maintains our own panel shop, which is UL-508 certified. This allows us to strictly control the quality of the panels we produce and adequately test all panels, prior to installation.



Optimate

Are your VFDs running at their most efficient speed? VFDs are proven to provide energy savings, but in order to maximize those savings and extend the life of your pumps, you should take a look at Optimate[®]. Optimate[®] determines the most efficient speed to run your pumps based on gallons pumped per kW consumed. Optimate[®] is constantly monitoring to account for system changes, such as discharge or suction head, pump wear, or others. Our studies have shown Optimate[®] can provide significant energy savings and reduced wear on pumps.



SOLUTIONS
 HYDRO OPTIMIZATION & AUTOMATION SOLUTIONS

	Tel: 402-467-3750
	Fax: 402-467-1568
	hoa-solutionsinc.com
	2601 West L Street, Suite #1 Lincoln, Nebraska 68522