



**Central Wyoming Regional Water System
Joint Powers Board**

1500 SW Wyoming Boulevard
Casper, Wyoming 82604
(307) 265-6063

**Board
Members:**

Paul Bertoglio,
Chairman

David North,
Vice-Chairman

Ken Waters,
Secretary

Tracy
Sutherland,
Treasurer

Matt Larson

Amber Pollock

Dan Sabrosky

Pat Sweeney

REGULAR JOINT POWERS BOARD MEETING AGENDA

Tuesday

October 21, 2025

11:30 a.m.

**Regional Water Treatment Plant
Joint Powers Board Conference Room
1500 SW Wyoming Boulevard**

1. Announcements
2. Approve Minutes – September 16, 2025, Regular Meeting *
3. Approve Bills & Claims – October 2025 *
4. Production Report *
5. Approve Financial Report – September 2025 *
6. Operations Update
7. Public Comment
8. Old Business
 - a) Property Insurance
 - b) WWDC Well Field LVL II Study Contract
 - c) Water Resource Master Plan
 - d) Disinfection Upgrades project SRF Loan
 - e) Other
9. New Business
 - a) HOA Solutions Contract – PLC & SCADA Repair & Programming*
 - b) Sargent Drilling – Morad #7 Well Pump Replacement*
 - c) Sargent Drilling – Caspar #11 Well Pump Replacement*
 - d) Purvis Industries – Caspar #21 Well Pump Replacement*
 - e) Other
10. Chairman's Report

Next Meeting: Regular JPB Meeting – November 18, 2025

****Indicates Attachment***



CENTRAL WYOMING REGIONAL WATER SYSTEM
JOINT POWERS BOARD
Meeting Minutes – September 16, 2025

Call to Order: 11:37 a.m., Joint Powers Board Conference Room, Regional Water Treatment Plant.

Roll Call: Board Members Present: Bertoglio (Chair/City), Waters (Secretary/Pioneer), Sutherland (Treasurer/SCJPB), Larson (City), North (Vice-Chair/County), Pollock (City), Sweeney (City), and Sabrosky (Bar Nunn)

Absent: N/A

Also Present: Brandy Coyle (City), Ben Taucher (Mile-HI), Ethan Yonker (City), Jace Madsen (WPDN), Jill Johnson (City), Logan Wood (City), Mark Anderson (City), and Tom Brauer (City)

1. Announcements

- a. None

2. Approved Minutes

- a. August 19th, Regular Meeting Minutes approved (Motion by North, seconded by Waters.)

3. Bills & Claims

Vendor Name	Amount
City of Casper	435,310.76
CNA Surety	100.00
Engineering Associates	1,343.00
Williams, Porter, Day, & Neville, P.C.	1,197.00
Wyoming.com	60.00
Total	438,010.76

- a. Approved (Motion by Sweeney, Second by Sabrosky)

4. Production Report

- a. August Production: 17 million below the five-year average, likely due to weather conditions, rainstorms in July, and the reduction in city watering.

5. Financial Report

- a. Reported by Jill Johnson
- b. Restricted cash line will be moved to investments next month.
- c. Income statement is lower than last year; however, it is doing better than FY24.
- d. Investments and water sales are doing well.
- e. Passed by Pollock, seconded by North.

6. Operations Updates

- a. **Plant (Wood):**
 - i. Preventive maintenance

- ii. Preparing for the sanitary survey.
- iii. Cleaned and drained the 1.2-million-gallon backwash tank.
- iv. Replaced motor in Actiflo train #2
- v. Replaced the sand pump in train #2
- vi. Generator #2 work continues

b. Transmission (Anderson):

- i. Trash pickup and mowing
- ii. Pressure washed and repainted the Airport Booster tank.

7. Public Comment:

- a. None

8. Old Business

a. RWS Vehicles/Insurance Updates:

- i. Currently awaiting the quotes from the HUB, Mr. Yonker hopes to present more information at the next meeting.

b. Reassignment of Resolution Number – BA 1 & 2

- i. Resolution number was incorrectly assigned and required correction.
- ii. Passed Pollock, seconded by Sabrosky.

c. Other:

- i. None

9. New Business

a. Contract with Summit Electric, LLC:

- i. Contracting Summit Electric, LLC to replace the Motor Control Center in the Water Treatment Plant.
- ii. Reached out to three companies, resulting in Summit Electric, LLC winning at the lowest bid at \$155,246.38.
- iii. Passed by Sweeney and seconded by Sutherland

b. Other

- i. Presented by Sweeney: Pope Construction – authorizing contract for the Water Distribution Garage door repair, caused by an employee driving into the door, costing about \$49,000 to \$50,000.
- ii. Updates on chlorine to get around UV presented by Mr. Wood – UV is being moved forward while also continuing to use OZONE. Mr. Brauer assured the board that there were a few great contractors interviewed.
- iii. Chairman Bertoglio planning to serve as a CWRWS member at the River Restoration meeting.

10. Chairman's Report

- a. Next meeting October 21st, 2025

Adjournment: 11:57 p.m. (Motion made by Sabrosky, seconded by Waters)

Chairman

Secretary

Invoice Approval for October 21, 2025

Central Wyoming Regional Water System

CITY OF CASPER

Payment to City of Casper for Invoices Paid by COC	\$62,845.67	
Regional Water Sept Ops Reimbursement	\$531,471.91	
Total for CITY OF CASPER		\$594,317.58

ENGINEERING ASSOCIATES

FY22 Well Rehabilitation	\$11,114.29	
Total for ENGINEERING ASSOCIATES		\$11,114.29

HDR ENGINEERING, INC.

CWRWS Water Resources Master P	\$9,220.00	
CWRWS Water Resources Master P	\$19,585.00	
Total for HDR ENGINEERING, INC.		\$28,805.00

HUB INTL. MOUNTAIN STATES LTD.

RWS Property Insurance Renewal	\$118,779.00	
Total for HUB INTL. MOUNTAIN STATES LTD		\$118,779.00

KETEL THORSTENSON, LLP

FY2023 RWS Audit Services	\$20,000.00	
Total for KETEL THORSTENSON, LLP		\$20,000.00

STATE OF WY. - OFFICE OF STATE LANDS & INVEST

Loan #DW129	\$8,182.83	
Total for STATE OF WY. - OFFICE OF STATE LANDS & INVEST		\$8,182.83

WILLIAMS, PORTER, DAY & NEVILLE, P.C.

Legal Expense	\$562.00	
Total for WILLIAMS, PORTER, DAY & NEVILLE, P.C		\$562.00

All Invoices Total		\$781,760.70
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Invoice Approval for October 21, 2025

Central Wyoming Regional Water System

I certify, under penalty of perjury, that this listing of vouchers and the items included therein for payment are correct and just in every respect.

RWS Treasurer

Date

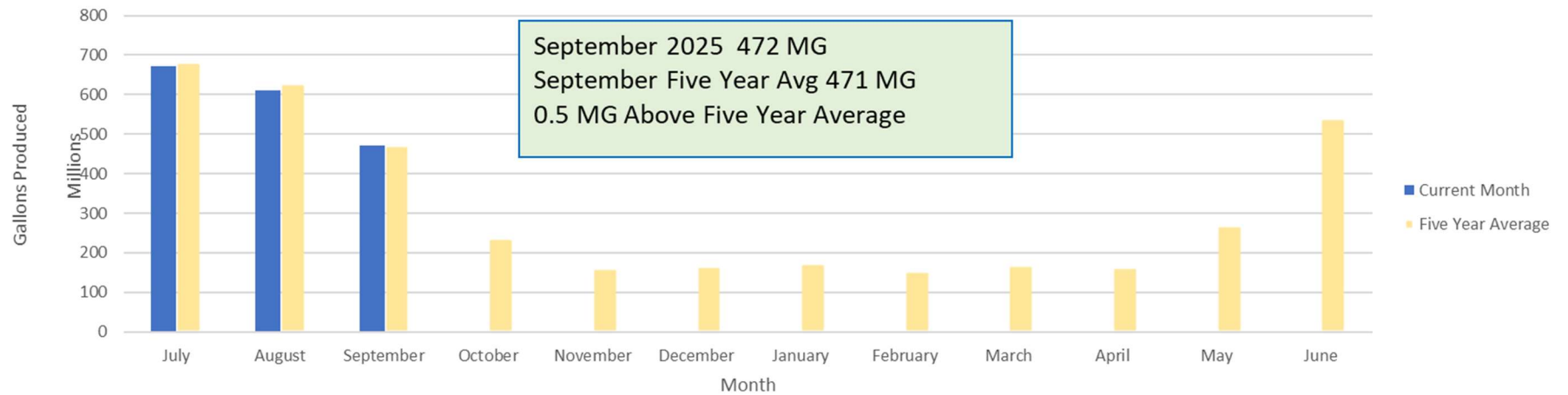
RWS Chairman

Date

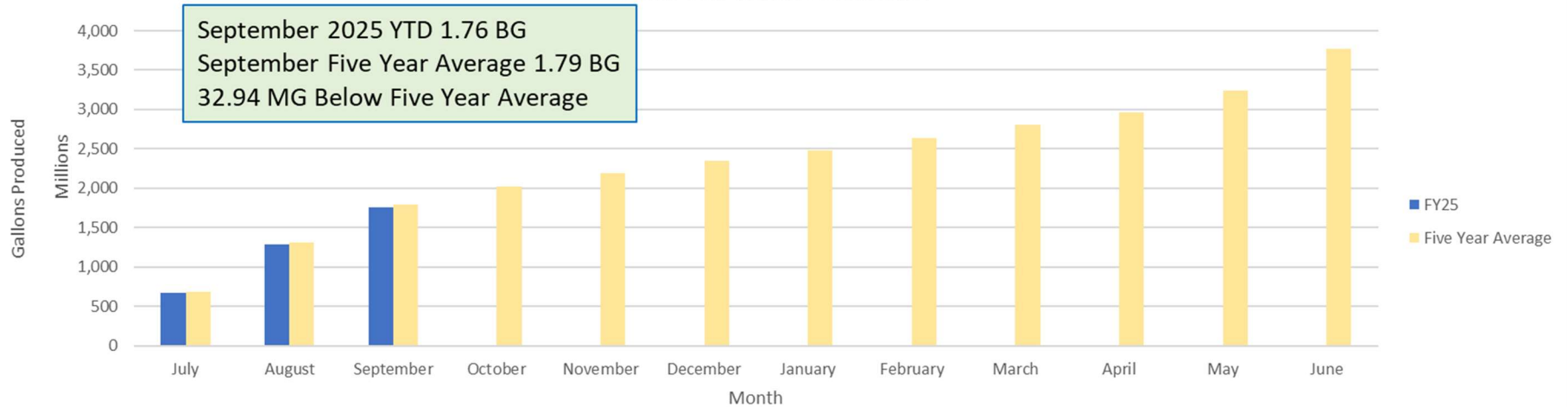
Production and Billing Report

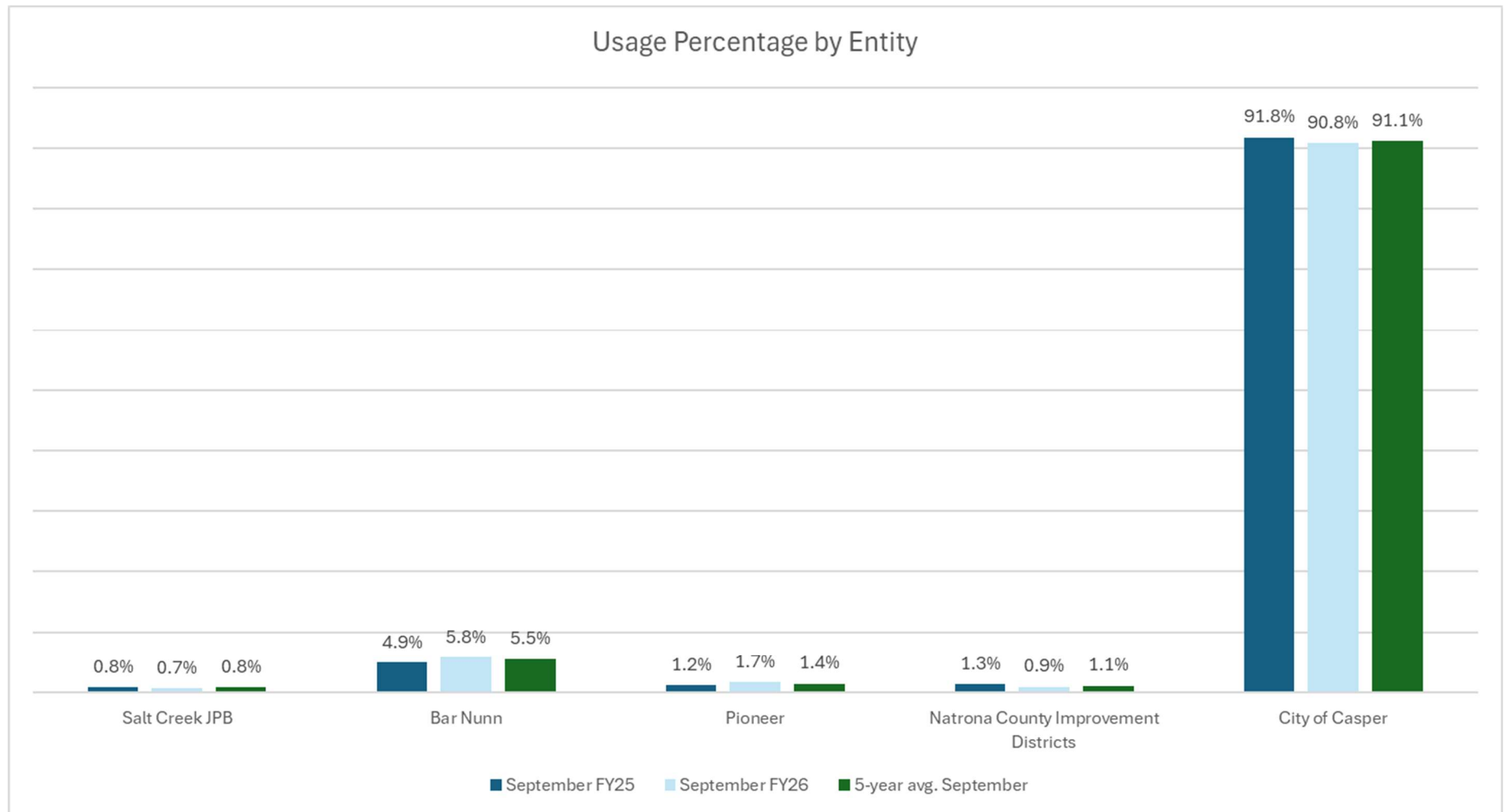
September 2025

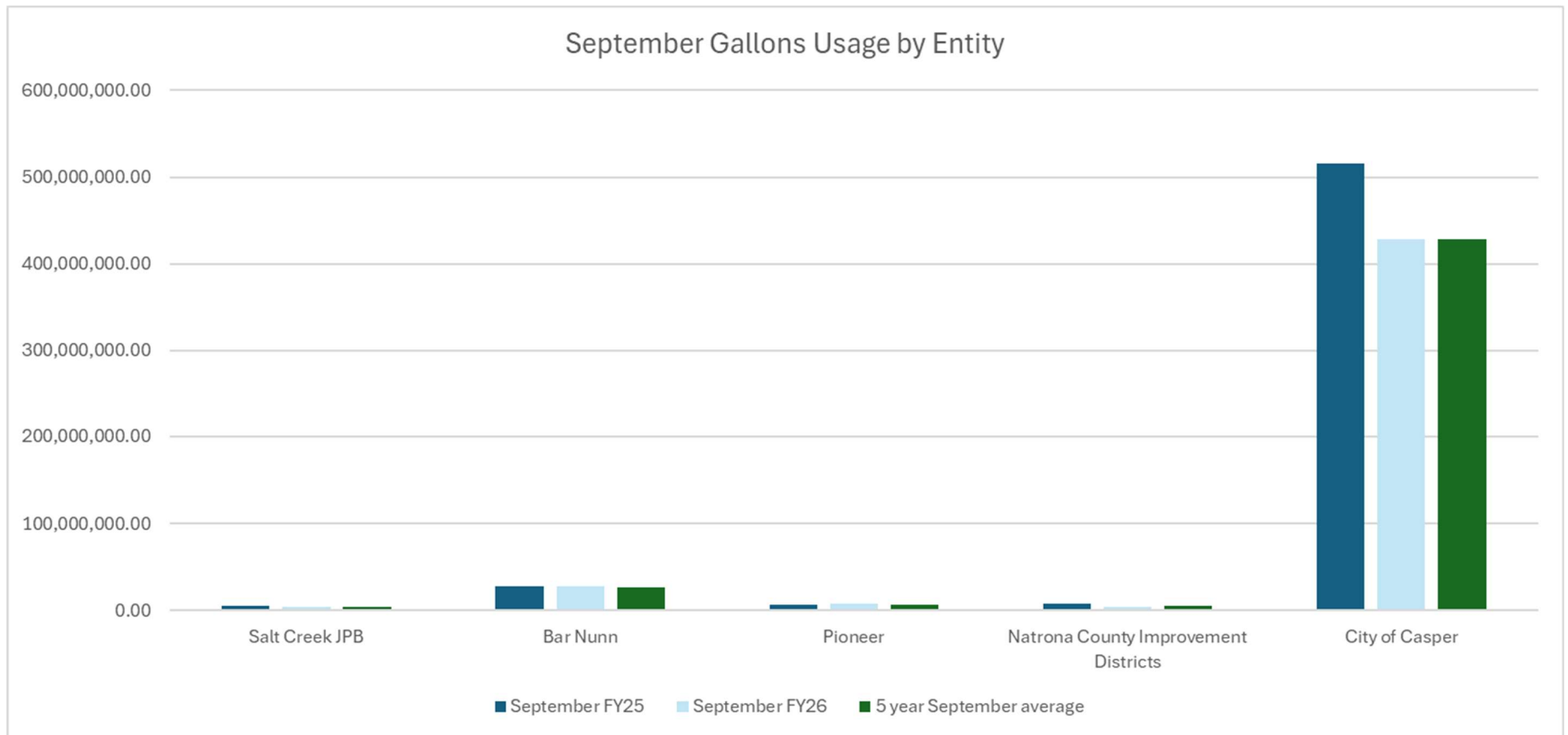
FY26 Monthly Water Production



FY26 YTD Water Production





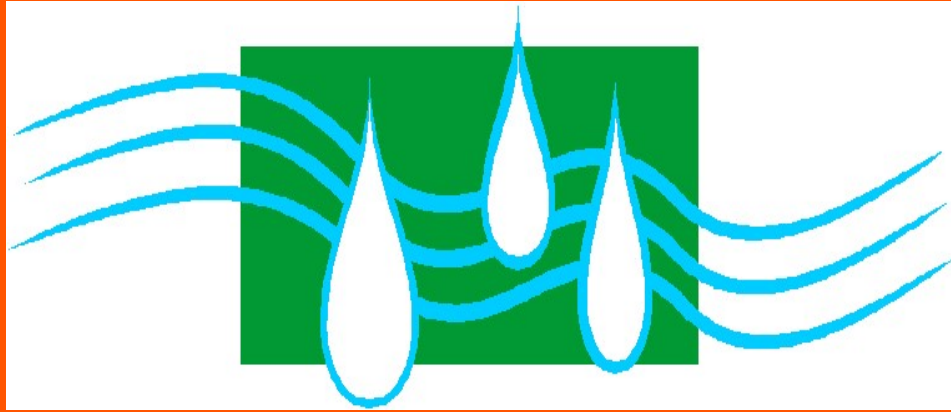


Entity	Gallons of Water Produced				Water Rates Billed			
	9/30/2025	8/31/2025	7/31/2025	Year-to-Date	9/30/2025	8/31/2025	7/31/2025	Year-to-Date
Salt Creek JPB	3,330,874.490	3,556,453.061	4,677,628.571	11,564,956.122	\$ 8,260.57	\$ 8,820.00	\$ 11,600.52	\$ 28,681.09
Bar Nunn	27,528,431.633	34,577,598.980	37,530,896.939	99,636,927.551	\$ 68,270.51	\$ 85,752.45	\$ 93,076.62	\$ 247,099.58
Pioneer	8,060,189.796	6,506,566.327	7,400,751.020	21,967,507.143	\$ 19,989.27	\$ 16,136.28	\$ 18,353.86	\$ 54,479.42
Poison Spider	1,653,061.224	2,765,173.469	2,969,897.959	7,388,132.653	\$ 4,099.59	\$ 6,857.63	\$ 7,365.35	\$ 18,322.57
33 Mile Road	244,897.959	1,552,551.020	1,889,795.918	3,687,244.898	\$ 607.35	\$ 3,850.33	\$ 4,686.69	\$ 9,144.37
Sandy Lake	1,198,138.776	1,583,862.245	2,116,900.000	4,898,901.020	\$ 2,971.38	\$ 3,927.98	\$ 5,249.91	\$ 12,149.27
Lakeview	656,749.592	963,133.673	1,054,713.265	2,674,596.531	\$ 1,628.74	\$ 2,388.57	\$ 2,615.69	\$ 6,633.00
Mile-Hi	541,979.592	603,427.551	845,475.510	1,990,882.653	\$ 1,344.11	\$ 1,496.50	\$ 2,096.78	\$ 4,937.39
City of Casper	427,691,690.939	556,426,835.673	612,153,940.816	1,596,272,467.429	\$ 1,060,675.39	\$ 1,379,938.55	\$ 1,518,141.77	\$ 3,958,755.72
Regional Water	(332,000.000)	(2,542,800.000)	(170,000.000)	(3,044,800.000)	\$ (823.36)	\$ (6,306.14)	\$ (421.60)	\$ (7,551.10)
TOTAL	470,574,014.000	605,992,802.000	670,470,000.000	1,747,036,816.000	\$1,167,023.55	\$1,502,862.15	\$1,662,765.60	\$4,332,651.31

TOTAL PRIOR YEAR (FY2025) GALLONS PRODUCED: 3,967,939,108.000

TOTAL PRIOR YEAR (FY2026) BILLING: \$ 9,563,420.97

*Total water produced does not equate to total water billed due to credit given.



Central Wyoming Regional Water System
Joint Powers Board

Monthly Compilation

September 30, 2025

Prepared by:
City of Casper
Finance Department

CENTRAL WYOMING REGIONAL WATER SYSTEM

Balance Sheet Report for 2026 Period 3 (as of September 30, 2025)

Account Number	Description	Account Balance
Consolidated Funds		
Assets		Total Assets 59,215,219
1000	Cash	10,007,733
1015	Cash (Retainage Outside Bank)	-
1200	Accounts Receivable	2,695,812
1230	Grants Receivable	51,817
1400	Inventory	623,456
1505	WGIF Investments	550,023
1521	WYO Star Investment - Allocation	2,271,733
1522	WYO Star 2 Investment - Allocation	2,199,253
	Restricted Cash (Investments)	1,000,000
1600	Prepaid Expense	38,245
1710	Land	580,874
1720	Buildings	47,471,792
1725	Accumulated Depreciation - Bld	(39,717,808)
1730	Improvements Other Than Bldgs	45,324,608
1735	AD Improve. Non Bldg	(16,300,262)
1740	Machinery & Equip - Light	2,058,557
1745	AD Machinery & Equip. - Light	(1,337,091)
1780	Construction In Progress	1,696,477
Liabilities		Total Liabilities (7,197,114)
2010	Vouchers/Account Payable	(594,318)
2020	Retainage Payable	-
2030	Accrued Wages Payable	(63,553)
2040	Leaves Payable	(191,418)
2070	Interest Payable	(66,152)
2080	Notes Payable - Current	(765,453)
2510	Notes/Loans Payable - Non Cur	(5,516,220)
Fund Balance		Total Fund Balance (52,018,105)
3000	Net Investment in Capital Assets	(33,495,473)
	Restricted (WWDC Reserve Requirement)	(1,000,000)
3010	Unrestricted Net Position	(17,522,632)
Total Liabilities + Fund Balance		(59,215,219)

CENTRAL WYOMING REGIONAL WATER SYSTEM

Comparative Income Statement

Third Month as of September 30, 2025

	2024	2025	2026
Revenue	\$3,884,667	\$4,895,780	\$4,569,981
4202 - Federal Grants	\$0	\$0	\$15,364
4501 - Interest Earned	\$68,054	\$108,998	\$138,480
4505 - Misc. Revenue	\$840	\$8,150	\$0
4601 - Water Utility Charges	\$3,711,466	\$4,735,642	\$4,333,141
4650 - System Development Charges	\$104,307	\$42,990	\$82,995
Expense	\$1,110,678	\$1,359,273	\$1,317,572
6212 - Legal Services	\$2,810	\$263	\$1,830
6213 - Investment Services	\$15	\$15	\$15
6214 - Consulting Services	\$80	\$140	\$80
6215 - Acctg/Audit Services	\$158	\$0	\$0
6255 - Other Contractual	\$0	\$0	\$0
6257 - Reimbursable Contract Exp.	\$658,714	\$878,005	\$1,234,287
6303 - Buildings	\$0	\$0	\$0
6305 - Improvements Other Than Bldgs	\$51,332	\$467,703	\$18,784
6307 - Intangibles	\$0	\$0	\$0
6311 - Light Equipment	\$5,506	\$0	\$62,475
6312 - Light Equipment - Replacement	\$0	\$0	\$0
6320 - Technology - Capital	\$0	\$4,865	\$0
6501 - Principal	\$389,496	\$8,183	\$0
6510 - Interest	\$2,567	\$0	\$0
6780 - Insurance/Bonds	\$0	\$100	\$100
Net Income:	\$2,773,989	\$3,536,507	\$3,252,409

BUDGET COMPARISON
As of September 30, 2025
25% OF YEAR EXPIRED

CWRWS FUND

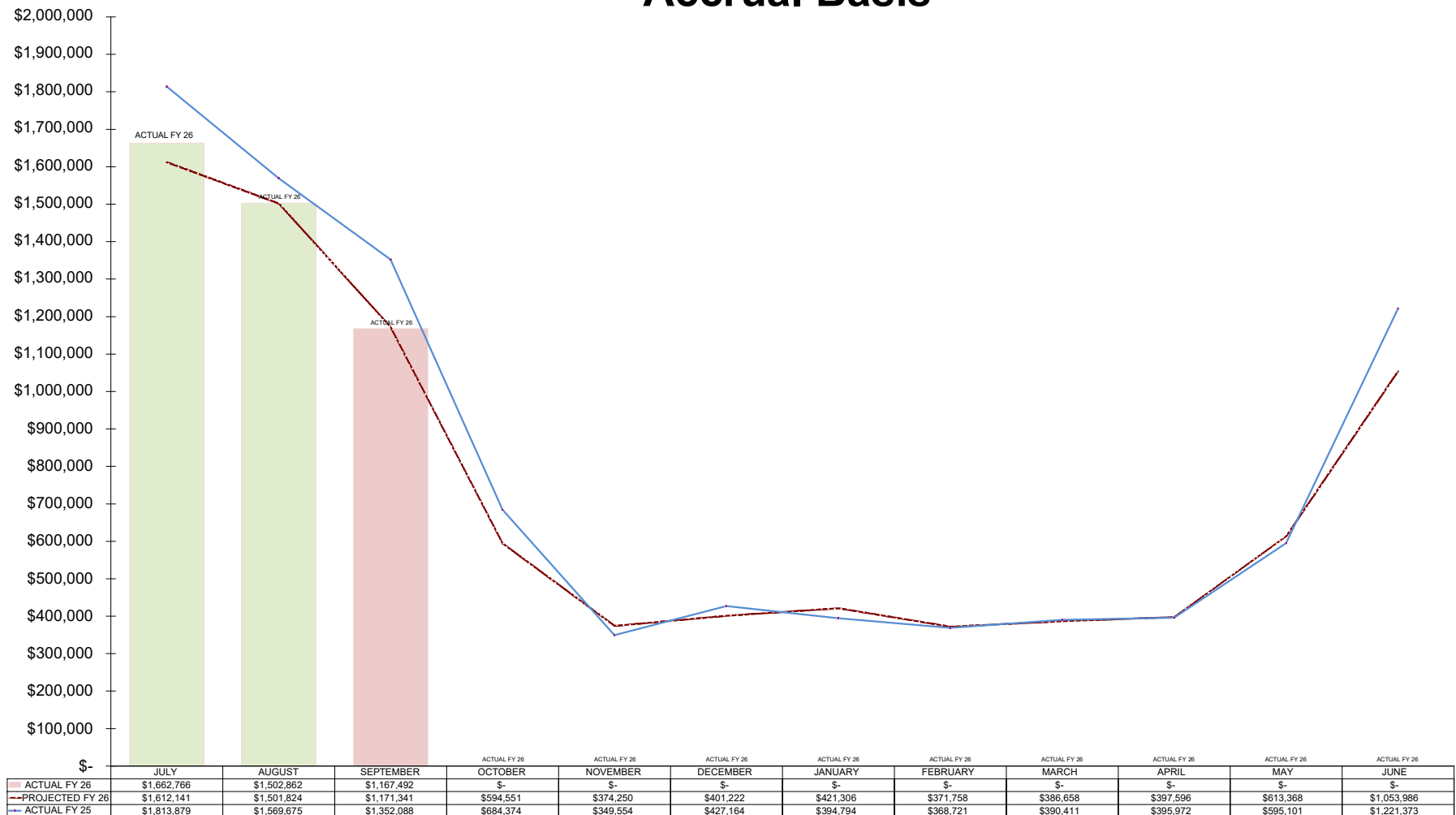
(FUND 300)

<u>ACCOUNT</u>	<u>ACCOUNT DESCRIPTION</u>	<u>ORIGINAL BUDGET</u>	<u>TRANSFERS/ ADJUSTMENTS</u>	<u>REVISED BUDGET</u>	<u>YTD ACTUAL</u>	<u>YET TO BE COLLECTED</u>	<u>% REC'D</u>
4202	Federal Grants	-	-	-	(15,364)	-	#DIV/0!
4501	Interest Earned	(450,000)	-	(450,000)	(138,480)	-	30.77%
4505	Misc. Revenue	(100)	-	(100)	-	(100)	0.00%
4601	Water Utility Charges	(8,900,000)	-	(8,900,000)	(4,333,141)	-	48.69%
4650	System Development Charges	(250,000)	-	(250,000)	(82,995)	-	33.20%
	TOTAL REVENUES	(9,600,100)	-	(9,600,100)	(4,569,981)	-	47.60%

		<u>ORIGINAL BUDGET</u>	<u>TRANSFERS/ ADJUSTMENTS</u>	<u>REVISED BUDGET</u>	<u>YTD ACTUAL</u>	<u>ENCUMBERED</u>	<u>AVAILABLE BUDGET</u>	<u>% USED</u>
6212	Legal Services	20,000	0	20,000	1,830	0	18,170	9.15%
6213	Investment Services	1,500	0	1,500	15	0	1,485	1.00%
6214	Consulting Services	105,000	0	105,000	80	0	104,920	0.08%
6215	Acctg/Audit Services	40,000	0	40,000	0	42,000	(2,000)	105.00%
6255	Other Contractual	65,000	0	65,000	0	143,638	(78,638)	220.98%
6257	Reimbursable Contract Exp.	5,130,269	-150,000	4,980,269	1,234,287	0	3,745,982	24.78%
6303	Buildings - New	400,000	0	400,000	0	0	400,000	0.00%
6304	Improvements to Buildings	2,250,000	2,633,000	4,883,000	0	0	4,883,000	0.00%
6305	Improvements Other Than Bldgs	1,100,000	2,451,313	3,551,313	18,784	1,950,714	1,581,815	55.46%
6307	Intangibles - New	39,600	225,000	264,600	0	0	264,600	100.00%
6311	Light Equipment - New	80,000	0	80,000	62,475	0	17,525	78.09%
6320	Technology - Capital	75,000	0	75,000	0	0	75,000	0.00%
6321	Technology - Replacement	250,000	0	250,000	0	0	250,000	0.00%
6501	Principal	807,329	0	807,329	0	0	807,329	0.00%
6510	Interest	159,914	0	159,914	0	0	159,914	0.00%
6720	Travel/Training	2,000	0	2,000	0	0	2,000	0.00%
6745	Contribution Expense	0	0	0	0	0	-	0.00%
6780	Insurance/Bonds	147,000	0	147,000	100	0	146,900	0.07%
	TOTAL EXPENDITURES	\$ 10,672,612	\$ 5,159,313	\$ 15,831,925	1,317,572	\$ 2,136,351	\$ 12,378,002	21.82%

TOTAL REVENUE OVER/(UNDER) EXPENSE **\$ (1,072,512)** **\$ (5,159,313)** **\$ (6,231,825)** **3,252,409** **\$ (2,136,351)** **\$ (7,347,883)**


Water Sales FY 2026 Versus Projection and Prior Year Accrual Basis



YTD TOTAL	ACTUAL FY 25	PROJECTED FY 26	ACTUAL FY 26
YTD VARIANCE	\$ 4,735,642	\$ 4,285,306	\$ 4,333,120
			\$ 47,814
		% Difference	In Dollars
CHANGE FROM FY25 PROJECTED TO FY26 ACTUAL-SAME MONTH		-0.33%	-\$3,849
CHANGE FROM FY25 PROJECTED TO FY26 ACTUAL-YEAR TO DATE		1.12%	\$47,814
CHANGE FROM FY25 ACTUAL TO FY26 ACTUAL-SAME MONTH		-13.65%	-\$184,596
CHANGE FROM FY25 ACTUAL TO FY26 ACTUAL-YEAR TO DATE		-8.50%	-\$402,522

August 22, 2025

MEMO TO: Members, Central Wyoming Regional Joint Powers Board

FROM: Tom Brauer, P.E., Chief Operating Officer 
Ethan Yonker, P.E., Waste Operations Officer
Logan Wood, Water Plant Manager

SUBJECT: Authorizing a Contract for the Sole Source Repair and Programming of PLC and SCADA for CWRWS with HOA Solutions, Inc. in the amount of \$197,243.00

Meeting Type & Date

CWRWS JPB Meeting
October 21, 2025

Action Type

Resolution

Recommendation

That the JPB, by resolution, authorizes a Professional Services Agreement with HOA Solutions, Inc. in the amount of one hundred ninety-seven thousand two hundred forty-three dollars (\$197,243.00) for the sole source of services of SCADA equipment at the Water Treatment Plant (WTP) and booster stations.

Summary

Repairs and programming to the WTP SCADA equipment are necessary to fix issues such as problem alarms, computer interface problems, well field communication and booster station signals. HOA Solutions, Inc. installed SCADA equipment and can directly interface with the programming to make the needed connections, these updates and system programming could not effectively be provided by another vendor.

Financial Considerations

PLC and SCADA Upgrade funds included in FY26 Agency Budget

Oversight/Project Responsibility

Logan Wood, Water Plant Manager

Attachments

Resolution
Agreement

RESOLUTION NO. 25-03

A RESOLUTION AUTHORIZING A CONTRACT FOR PROFESSIONAL SERVICES WITH HOA SOLUTIONS, FOR THE UPGRADES AND PROGRAMMING OF THE SCADA SYSTEM.

WHEREAS, the Central Wyoming Regional Water System Joint Powers Board (CWRWS) authorizes the contract service agreement with Hydro Optimization and Automation Solutions.

NOW, THEREFORE, BE IT RESOLVED BY CENTRAL WYOMING REGIONAL WATER SYSTEM JPB OF CASPER, WYOMING: That the Chairman is hereby authorized and directed to execute, and the Secretary to attest, a Contract for Professional Services between HOA Solutions, and the Central Wyoming Regional Water System Joint Powers Board.

BE IT FURTHER RESOLVED: That the CWRWS is hereby authorized to make verified payment in terms of the Contract, in an amount not to exceed One Hundred Ninety-Seven Thousand Two hundred and Forty-Three dollars and Zero cents. (\$197,243.00)

PASSED, APPROVED, AND ADOPTED on this ____ day of _____, 2025.

APPROVED AS TO FORM:



ATTEST

CENTRAL WYOMING REGIONAL
WATER SYSTEM JOINT POWERS
BOARD

Ken Waters
Secretary

Paul Bertoglio.
Chairman, CWRWS

CONTRACT FOR PROFESSIONAL SERVICES

PART I - AGREEMENT

This Contract for Professional Services ("Contract") is entered into on this 27 day of September, 2025, by and between the following parties:

1. The Central Wyoming Regional Water System Joint Powers Board, a Wyoming Joint Powers Board, 1500 SW Wyoming Boulevard, Casper, Wyoming 82604 ("Owner").

2. HOA Solutions INC, 2601 West L Street, Lincoln, Nebraska 68522 ("Consultant").

Throughout this document, the Owner and the Consultant may be collectively referred to as the "parties."

RECITALS

A. The Owner is undertaking a project to upgrade the SCADA system and replace programmable logic controllers (PLC's) at the Central Wyoming Regional Water System Water Treatment Plant located at 1500 South West Wyoming Boulevard in Casper, Wyoming 82604, as well as software throughout the Plant hereinafter referred to as the "Project."

B. The project requires professional services for the design and construction administration services.

C. The Consultant represents that it is ready, willing, and able to provide the professional services to Owner as required by this Contract.

D. The Owner desires to retain the Consultant for such services.

NOW, THEREFORE, in consideration of the covenants and conditions set forth herein to be performed, the parties agree as follows:

1. SCOPE OF SERVICES:

The Consultant shall perform the following services in connection with and respecting the project: See Attached "Exhibit A" (SCADA System Upgrade proposal from HOA Solutions Inc.).

2. TIME OF PERFORMANCE:

The services of the Consultant are to commence upon written notice to proceed from the Owner. The work shall be undertaken and completed on or before the 30th of March 2026.

3. COMPENSATION:

In consideration of the performance of services rendered under this Contract, the Consultant shall be compensated for services performed in accordance with paragraph 1, not to exceed a maximum of One Hundred Ninety-Seven Thousand Two Hundred and Forty-Three Dollars and Zero Cents. (\$197,243.00)

4. METHOD OF PAYMENT:

Payment will be made following receipt of an itemized invoice utilizing a schedule of values prepared by the Consultant and approved by water treatment plant staff for services rendered in conformance with the Contract and following approval by the CWRWS. Consultant shall submit an invoice for payment specifying that it has performed the services rendered under this Contract, in conformance with the Contract, and that it is entitled to receive the amount requested under the terms of the Contract.

If amounts owed by the Consultant to the Owner for any goods, services, licenses, permits or any other items or purpose remain unpaid beyond the Owner's general credit policy, those amounts may be deducted from the payment being made by the Owner to the Consultant pursuant to this Contract.

5. TERMS AND CONDITIONS:

This Contract is subject to and incorporates the provisions attached hereto as PART II -- GENERAL TERMS AND CONDITIONS.

6. EXTENT OF CONTRACT:

This Contract represents the entire and integrated Agreement between the Owner and the Consultant, and supersedes all prior negotiations, representations, or agreements, either written or oral. The Contract may be amended only by written instrument signed by both the Owner's and the Consultant's authorized representatives.

The Owner and the Consultant each individually represent that they have the requisite authority to execute this Contract and perform the services described in this Contract.

IN WITNESS WHEREOF, the undersigned duly authorized representatives of the parties have executed this Contract as of the day and year above.

(Water Treatment Plant SCADA Improvements - HOA)

APPROVED AS TO FORM:



ATTEST

CENTRAL WYOMING REGIONAL WATER
SYSTEM JOINT POWERS BOARD

Ken Waters
Secretary

Paul Bertoglio.
Chairman, CWRWS

WITNESS

CONSULTANT
HOA Solutions INC,
2601 West L Street,
Lincoln, Nebraska 68522

By: _____

By: _____

Printed Name: _____

Printed Name: JOEL D Hyung

Title: _____

Title: CTO

CONTRACT FOR PROFESSIONAL SERVICES

PART II - GENERAL TERMS AND CONDITIONS

1. TERMINATION OF CONTRACT:

1.1 The Owner may terminate this Contract anytime by providing thirty (30) days written notice to Consultant of intent to terminate said Contract. In such event, all finished or unfinished documents, data, studies and reports prepared by the Consultant under this Contract shall, at the option of the Owner, become its property, and the Consultant shall be entitled to receive just and equitable compensation for any satisfactory work completed on such documents.

1.2 Notwithstanding the above, the Consultant shall not be relieved of liability to the Owner for damages sustained by the Owner, by virtue of termination of the Contract by Consultant, or any breach of the Contract by the Consultant, and the Owner may withhold any payments to the Consultant for the purpose of setoff until such time as the exact amount of damages due the Owner from the Consultant are determined.

2. CHANGES:

The Owner may, from time to time, request changes in the scope of the services of the Contract. Such changes, including any increase or decrease in the amount of the Consultant's compensation, which are mutually agreed upon between the Owner and the Consultant, shall be incorporated in written amendments to this Contract. There shall be no increase in the amount of Consultant's compensation unless approved by Resolution adopted by Owner.

3. ASSIGNABILITY:

The Consultant shall not assign any interest in this Contract, and shall not transfer any interest in the same (whether by assignment or novation) without the prior written approval of the Owner: provided, however, that claims for money due or to become due the Consultant from the Owner under this Contract may be assigned to a bank, trust company, or other financial institution, or to a trustee in bankruptcy, without such approval. Notice of any assignment or transfer shall be furnished to the Owner within five (5) business days of any assignment or transfer.

4. AUDIT:

The Owner or any of its duly authorized representatives shall have access to any books, documents, papers, and records of the Consultant which are directly pertinent to the Contract for the purpose of making audit, examination, excerpts, and transactions.

5. EQUAL EMPLOYMENT OPPORTUNITY:

In carrying out the program, the Consultant shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or disability. The Consultant shall take affirmative action to insure that applicants for employment are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, national origin, or disability. Such action shall include, but not be limited to, the following: employment upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Consultant shall post in conspicuous places, available to employees and applicants for employment, notices required by the government setting forth the provisions of this nondiscrimination clause. The Consultant shall state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or disability.

6. OWNER OF PROJECT MATERIALS:

All finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs, films, duplicating plates, and reports prepared by the Consultant under this Contract shall be considered the property of the Owner, and upon completion of the services to be performed, they will be turned over to the Owner provided that, in any case, the Consultant may, at no additional expense to the Owner, make and retain such additional copies thereof as Consultant desires for its own use; and provided further, that in no event may any of the documents, data, studies, surveys, drawings, maps, models, photographs, films, duplicating plates, or other reports retained by the Consultant be released to any person, agency, corporation, or organization without the written consent of the Owner.

7. FINDINGS CONFIDENTIAL:

All reports, information, data, etc., given to or prepared, or assembled by the Consultant under this Contract are confidential and shall not be made available to any individual or organization by the Consultant without the prior written consent of the Owner.

8. GOVERNING LAW:

This Contract shall be governed by the laws of the State of Wyoming. The Consultant shall also comply with all applicable laws, ordinances, and codes of the local, state, or federal governments and shall not trespass on any public or private property in performing any of the work embraced by this Contract.

9. PERSONNEL:

The Consultant represents that it has, or will secure, all personnel required in performing the services under this Contract. Such personnel shall not be employees of the Owner. All of the services required shall be performed by the Consultant, or under its supervision, and all personnel engaged in the work shall be fully qualified. All personnel employed by Consultant shall be employed in conformity with applicable local, state or federal laws.

10. SUBCONSULTANT:

The Consultant shall not employ any sub-Consultant to perform any services in the scope of this project, unless the sub-Consultant is approved in writing by the Owner. Any approved sub-Consultant shall be paid by the Consultant.

The labor to be performed by the Contractor under this agreement may require the Contractor to comply with the Wyoming Preference Act of 1971, as amended, W. S. § 16 – 6 – 201 et seq. It is the legal responsibility of the Contractor to determine whether the identified Act is applicable to the Contractor while performing the services/labor detailed herein. If the Contractor determines that the identified Act is applicable, the Contractor then becomes legally obligated to comply with the identified Act in all regards while providing labor upon the project herein described.

All questions relating to compliance of the Contractor under the Act should be addressed by the Contractor to:

State of Wyoming Department of Workforce Services
Casper Workforce Center
851 Werner Court, Suite 120
Casper, WY 82601
Phone #: 307 – 234 – 4591
Fax #: 307 – 266 – 1238
www.Wyomingworkforce.org

Through execution of this contract, the Contractor certifies that if the identified Act is applicable to this project, Contractor has met, and will continue to meet all obligations incumbent upon it as set forth under the identified Act throughout the term of the project identified herein.

11. INSURANCE AND INDEMNIFICATION:

A. **Prior to** the commencement of work, Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant, its subconsultants, agents, representatives, or employees.

B. Minimum Scope and limit of Insurance.

Coverage shall be at least as broad as:

1. Commercial General Liability (CGL): Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than the sum of Two Hundred Fifty Thousand Dollars (\$250,000) to any claimant for any number of claims arising out of a single transaction or occurrence; or the sum of Five Hundred Thousand Dollars (\$500,000) for all claims arising out of a single transaction or occurrence. If a general aggregate limit applies, the general aggregate limit shall apply separately to this project/location. The CGL policy shall be endorsed to contain Employers Liability/Stop Gap Coverage
2. Automobile Liability: Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if Consultant has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than Five Hundred Thousand (\$500,000) per accident for bodily injury and property damage.
3. Workers' Compensation: as required by the State of Wyoming with Statutory Limits.
4. Professional Liability (Errors and Omissions) Insurance appropriate to the Consultant's profession, with limit no less than the sum of Two Hundred Fifty Thousand Dollars (\$250,000) to any claimant for any number of claims arising out of a single transaction or occurrence; or the sum of Five Hundred Thousand Dollars (\$500,000) for all claims arising out of a single transaction or occurrence. If a general aggregate limit applies, the general aggregate limit shall apply separately to this project/location.

C. Higher Limits. If the Consultant maintains higher limits than required under this Agreement, then the Owner shall be entitled to coverage for the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Owner.

D. Other Insurance Provisions

The insurance policies are to contain, or be endorsed to contain, the following provisions:

1. *Additional Insured Status*

The Owner, its officers, elected and appointed officials, employees, agents and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage shall be provided in the form of an endorsement to the Consultant's insurance (at least as broad as ISO Form CG 20 10 11 85 or both CG 20 10 and CG 20 37 forms if later revisions used).

2. *Primary Coverage*

For any claims related to this contract, the Consultant's insurance coverage shall be primary insurance as respects the Owner, its officers, elected and appointed officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the Owner, its officers, elected and appointed officials, employees, agents or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

3. *Notice of Cancellation*

Each insurance policy required above shall state that coverage shall not be canceled, materially changed, or reduced, except with notice to the Owner. Such notice to the Owner shall be provided in a commercially reasonable time.

4. *Waiver of Subrogation*

Consultant hereby grants to Owner a waiver of any right to subrogation which any insurer of said Consultant may acquire against the Owner by virtue of the payment of any loss under such insurance. Consultant agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation, but this provision applies regardless of whether or not the Owner has received a waiver of subrogation endorsement from the insurer.

5. *Deductibles and Self-Insured Retentions*

Any deductibles or self-insured retentions must be declared to and approved by the Owner. Unless otherwise approved by the Owner in writing, any deductible may not exceed Ten Thousand Dollars (\$10,000). Unless otherwise approved in writing by the Owner, self-insured retentions may not exceed Ten Thousand Dollars (\$10,000), and the Owner may require the Consultant to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.

6. *Acceptability of Insurers*

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII, unless otherwise agreed to in writing by the Owner.

7. *Claims Made Policies*

If any of the required policies provide coverage on a claims-made basis:

- a. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
- b. Insurance must be maintained and evidence of insurance must be provided *for at least three (3) years after completion of the contract of work*. However, Consultant's liabilities under this Contract shall not be deemed limited in any way by the insurance coverage required.
- c. If coverage is canceled or non-renewed, and not *replaced with another claims-made policy form with a Retroactive Date* prior to the contract effective date, the Consultant must purchase "extended reporting" coverage

for a minimum of *three (3)* years after completion of contract work and at all times thereafter until the applicable statute of limitations runs.

8. *Verification of Coverage*

Consultant shall furnish the Owner with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the Owner before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The Owner reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

9. *Subconsultants*

Consultant shall require and verify that all subconsultants maintain insurance meeting all the requirements stated herein, and Consultant shall ensure that the Owner is an additional insured on insurance required from subconsultants.

10. *Special Risks or Circumstances*

Owner reserves the right to reasonably modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

- E. Consultant agrees to indemnify the Owner, the Owner's employees, elected officials, appointed officials, agents, and volunteers, and all additional insured and hold them harmless from all liability for damages to property or injury to or death to persons, including all reasonable costs, expenses, and attorney's fees incurred related thereto, to the extent arising from negligence of the Consultant and any subconsultant thereof.

12. INTENT:

Consultant represents that it has read and agrees to the terms of this Contract and further agrees that it is the intent of the parties that Consultant shall perform all of the services for the compensation set forth in this Contract. Consultant also agrees that it is the specific intent of the parties, and a material condition of this Contract, that it shall not be entitled to compensation for other services rendered unless specifically authorized by the Owner by Resolution of its governing body. Consultant agrees that it has carefully examined the Scope of Services, and that the compensation is adequate for performance of this Contract.

13. WYOMING GOVERNMENTAL CLAIMS ACT:

The Owner does not waive any right or rights it may have pursuant to the Wyoming Governmental Claims Act, Wyoming Statutes Section 1-39-101 et seq., and the Owner specifically reserves the right to assert any and all rights, immunities, and defenses it may have pursuant to the Wyoming Governmental Claims Act.

14. NO THIRD PARTY BENEFICIARY RIGHTS:

Template 1/23/17

Consultant's Name: Agreement with HOA for Water

Treatment Plant SCADA Improvements

Page 9 of 10

The parties to this Contract do not intend to create in any other individual or entity the status of third-party beneficiary, and this Contract shall not be construed so as to create such status. The rights, duties and obligations contained in this Contract shall operate only between the parties to this Contract, and shall inure solely to the benefit of the parties to this Contract. The parties to this Contract intend and expressly agree that only parties signatory to this Contract shall have any legal or equitable right to seek to enforce this Contract, to seek any remedy arising out of a party's performance or failure to perform any term or condition of this Contract, or to bring an action for the breach of this Contract.



Hydro Optimization and Automation Solutions

Date: 8/19/25
Pricing Proposal
South Chemical IO Rack Conversion
Central Wyoming Regional Water System (CWRWS)
Casper, Wyoming
by
Hydro Optimization and Automations Solutions, Inc

Hydro Optimization and Automation Solutions, Inc. (HOA Solutions) will furnish the following equipment and services for the above-referenced project.

SCOPE OF WORK

South Chemical IO Rack

- One (1) 16-Slot Modicon X80 Back Plane
 - One (1) Power Supply Module
 - One (1) RIO Drop Module – Ethernet IP Performance
 - Three (3) 16-Channel Digital Input Modules
 - Two (2) 8-Channel Digital Relay Output Modules
 - Five (5) 8-Channel Analog Input Modules
 - Three (3) 4-Channel Analog Output Modules
 - All Required IO Terminal Blocks
 - One (1) LC Multimode Fiber Convertor Module
- All other parts required for a complete installation

Labor and Services

- IO Rack Shop Drawings and As-Built
 - IO Rack Layout
 - IO Card Wiring Layouts
 - Complete Updated Panel Drawings NOT Included
- PLC Programming and HMI Configuration
- Removal of Existing Quantum IO Rack
- Installation and Wiring of New Modicon x80 IO Rack
- Site Acceptance Testing (SAT)
- Shipping, Travel, Mileage, Overnights
- Items NOT Included:
 - Additional Instrumentation
 - Any Parts or Labor not specifically mentioned above

TOTAL PRICE\$ 23,989.00

****NOTE: Sales Tax or Bonding Costs are NOT included in this pricing.****

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



2025 Water VTScada Server Upgrade Proposal

Casper, Wyoming

Central Wyoming Regional Water System



HOA Solutions Inc.

2601 West L Street, Lincoln, NE 68522

Phone: 402.467.3750 | Fax: 402.467.1568

Joel.Hying@hoa-solutionsinc.com | www.hoa-solutionsinc.com



Hydro Optimization and Automation Solutions

August 22nd, 2025

Central Wyoming Regional Water System
Logan Wood
1500 SW Wyoming Blvd
Casper, WY 82604
Water Treatment Plant VTScada Servers Upgrade

Mr. Wood,

HOA Solutions, Inc. appreciates the opportunity to propose an upgrade solution for the Central Wyoming Regional Water control system. HOA Solutions has extensive experience with water, wastewater, and lift station control systems. We provide turnkey systems and use non-proprietary equipment and software.

HOA Solutions is a full-service systems integrator, serving Nebraska, Kansas, Colorado, Wyoming, Oklahoma, South Dakota, Iowa, and Missouri. Our team consists of 30+ employees with knowledge in engineering, programmable logic controllers (PLC), supervisory control and data acquisition (SCADA) and human and machine interface (HMI) development, communications networks, variable frequency drives (VFD), and other capabilities. All our panels are assembled and tested in our UL508 approved manufacturer panel shop, located at our headquarters in Lincoln Nebraska. Our total commitment is to provide quality solutions and excellent service.

The goal of this project is to seamlessly update the SCADA server equipment, 3 operator workstations and VTScada Software to the most current version release.

Water Treatment Plant Servers Upgrade

The 3 WTP SCADA Servers were installed in late 2019/early 2020 on Microsoft Windows Server 2019. Server A acts as the Primary IO Server, collecting all the information from the Well Field, Water Treatment Plant, and all Distributions Sites. Server B acts as the Primary Thin Client Server; this server generates the graphics and displays the data to the 6 (or more) Thin Clients. Server Hist acts as the Primary Historical Data recorder. Each Server is redundant to each other, and services automatically fail from one to another. HOA Solutions recommends keeping this redundant and load balanced architecture.

HOA Solutions will install 3 new server class blade servers into the existing Server Rack. Once installed we will migrate the existing VTScada system from Version 12.0.06 to the most current

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version of 12.2.05 on each of the 3 new Servers. We will also install 3 new operator workstation computers and update the Thin Client Software on every station to match the server version.

HOA Solutions also recommends replacing the batteries in the Server Rack UPS. The Server Rack UPS has 2 Extended Battery Modules with 30 batteries in each module. We will replace the batteries in each module. Further, while we have the server rack disassembled, we will air dust each component to give each component a general cleaning.

- Three (3) SCADA Servers
 - Server A
 - Server B
 - Server Hist
- Three (3) Operator Workstations
 - Superintendent's Workstation
 - Engineering Workstation (Control Room)
 - Operator Workstation (Control Room)
 - 1 Monitor, Keyboard, Mouse, and Soundbar for each workstation
- Four (4) VTScada License Update – with support until December 31, 2026
 - VTScada 25k Dual Server Premium SN# 54100 and 54101
 - VTScada 25k Dual Server Redundant SN# 54102 and 54103
- Three (3) Schneider Electric Modicon OPC Factory Server License Update
- Two (2) Server Rack UPS Extended Battery Module Replacement (Batteries Only)
 - 30 12vdc Batteries each
- First Year of HOA Cyber Protect (More Information Below)
- Modification to Custom VTScada Reports as required
- VTScada Software Operator Refresher Training (6 Hours Included)

Work and services to be provided are:

- Integration
- Factory Acceptance Test (FAT)
- Installation of all components
- General cleanup of all remaining components in server rack
- Startup and Site Acceptance Testing (SAT)
- Decommission existing Servers
- Update Drawing Binder
- Training

Water Treatment Plant Servers Upgrade \$ 173,254.00

Includes HOA Cyber Protect through 12/31/2026

****FINAL Completion No Later Than: March 31, 2026**

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Additionally, as part of this project HOA Solutions will be including our first year of HOA Cyber Protect for your SCADA computers. With the growing threat of cyberattacks on critical infrastructure, SCADA systems must implement advanced cybersecurity measures to protect against unauthorized access, data breaches, and system disruptions. Without robust cybersecurity measures in place, municipal SCADA systems managing water and wastewater are at significant risk of exploitation by malicious actors. The potential consequences of a cyberattack on such systems are dire, ranging from contaminated water supplies to service disruptions affecting entire communities. Moreover, the lack of qualified personnel to continuously monitor and update these systems leaves them particularly vulnerable. By investing in a cyber protection monitoring program, the city water system can safeguard its infrastructure, protect public health, and ensure uninterrupted delivery of essential services to its residents. This urgent situation highlights the absolute need to take action to reduce these risks and strengthen the ability of the water system to handle changing cyber threats.

Regrettably, most of the time, these safeguarding measures, like backups, aren't regularly maintained and checked to ensure they're up-to-date and functioning correctly. This is particularly problematic for municipal SCADA systems managing water and wastewater. Unfortunately, there's often no qualified person designated to oversee this task. After the SCADA system is initially set up, it's left unmonitored and without updates. Consequently, the protection becomes outdated, key features stop working, and the system becomes exposed. It's not just vulnerable to cyberattacks but is also susceptible to common hardware or software failures, which can be both costly and inconvenient.

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HOA Solutions is offering a maintenance program we call “HOA Cyber Protect”. This program will provide several benefits:

This program will provide several action steps by HOA:

- Annual Subscription to VTSCADA Software and Technical Support
- Keep all software patched and up to date on the SCADA computer.
 - VTSCADA software
 - Cyber Security/Virus protection
 - Backup Software
- Annual subscription for cloud backup and disaster recovery.
 - Requires Permanent Landline Internet Connection
- VTSCADA email to SMS text message relay service for Outbound messages.
- Monthly monitoring of the SCADA computers.
 - Last computer backup
 - Validate cloud backup is good and that it boots up
 - Configuration backup
 - Last reboot
 - Hard drive status
 - Software status
 - Alarm notification system status
 - User Security Review

This contract shall automatically be renewed on January 1st of every year until further notice by Customer and or Service Provider. As a result of entering into this agreement, not only will you have the above listed benefits, the cost of the “recommended” 5-year computer/software upgrades will be drastically reduced. The pricing structure from the software manufacturers is a pay as you go or pay later structure. If the annual support for the software is not paid, then that cost will be captured at the 5-year upgrade time. So, it makes sense to keep the VTScada software current year after year and the system protected, backed up and operating at its best.

This is not an “insurance policy” it is a “maintenance program”. In the event there is a security breach or a hardware failure, recovery costs are not covered under this agreement. However, the probability of such an event happening will be reduced and the recovery will be much faster at far less expense.

WTP Servers with VTScada HOA Cyber Protect Annual Pricing..... \$ 36,308.00 / year

*****HOA Cyber Protect Annual Subscription 1/1/2027-12/31/2027*****

WTP Servers with VTScada HOA Cyber Protect 5 Year Pricing \$ 181,540.00 /5 years

*****HOA Cyber Protect Annual Subscription 1/1/2027-12/31/2031*****

Hydro Optimization and Automation Solutions

Project Terms are listed on the following pages. If you have any questions or concerns, please do not hesitate to contact me. Again, thank you for the opportunity to provide a proposal for your SCADA upgrade.

Project Lead times:

Due to our current workload, the estimated lead time for this project is 4-6 months. This lead time can improve but can also slip. HOA Solutions will be in constant contact with the City on any lead time changes.

Taxes:

Applicable taxes are not included in this proposal.

Terms:

Payment is to be made Net 45 days from the date on the invoice. A service charge of 1.5% per month will be charged on accounts that are 30 days past the invoice date. Work will be suspended on projects that go 45 days or more past invoice date.

Payment Schedule of Approved Total:

25% payment required at time of purchase order.
50% payment at the time of equipment delivery.
15% payment at the time of startup/commissioning.
10% payment at the time HOA has completed punch list

Warranty:

HOA Solutions warrants for a period of one (1) year from date of the Substantial Completion that product furnished under this contract will be of merchantable quality and free from defects in material, workmanship, and design as determined at the date of shipment by HOA Solution. This determination will be made by generally recognized, applicable, and accepted practices and procedures in the industry, to include any specifications specifically agreed to in writing by HOA Solutions prior to the date of shipment. This warranty is in lieu of all other warranties, whether expressed, implied, or statutory, including implied warranties of merchantability or fitness, and hereby excludes certifications or the like for product performance, use, or design with respect to any standard, regulation, or requirement (unless and to the extent independently approved in writing at HOA Solutions). In addition, the warranty extends only to the Buyer or customer purchasing directly from HOA Solutions or an authorized HOA Solutions distributor. Satisfaction of this warranty, consistent with other provisions herein, will be limited to the

Hydro Optimization and Automation Solutions

replacement or repair or modification of, or issuance of a credit for, the products involved, at HOA Solutions Inc's option, with HOA Solutions to determine the availability of service personnel and any absorption of associated service expenses; such warranty satisfaction available only if (a) HOA Solutions is promptly notified in writing upon discovery of an alleged defect and (b) HOA Solutions' examination of the subject product discloses to its satisfaction that defect has not been caused by misuse; neglect; improper installation; improper operation, repair, or alteration; accident; or unusual deterioration or degradation of the parts.

Trips:

HOA has included a set number of trips for installation and commissioning for these projects. Proper correspondence and preparedness by all parties will be required to avoid unnecessary trips to the site. Additional trips by HOA due to equipment not being properly installed and wired, or the inability to perform our duties due to lack of preparation by other contractors or project leaders are subject to charge.

If you have any questions or concerns, please do not hesitate to contact me. Again, thank you for the opportunity to provide your community with a proposal for your control system upgrade.

Please Circle Approved Projects and Sign Below:

Water Treatment Plant Servers Upgrade **\$ 173,254.00**
Includes HOA Cyber Protect through 12/31/2026

WTP Servers with VTScada HOA Cyber Protect Annual Pricing..... **\$ 36,308.00 / year**
HOA Cyber Protect Annual Subscription 1/1/2027-12/31/2027

WTP Servers with VTScada HOA Cyber Protect 5 Year Pricing **\$ 181,540.00 /5 years**
HOA Cyber Protect Annual Subscription 1/1/2027-12/31/2031

Please Sign Below:

Signature

Date

Print Name

\$ _____

Approved Total

HOA Solutions:

Signature

24 September 2025

Date

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Appendix A: Project Schedule and Closeout Expectations

The following steps/timelines are the expected processes that HOA follows to ensure timely closeout of projects. It is our desire to follow these steps and maintain the timelines to give you, the customer, the smoothest and most complete finish to your project. These steps and timelines have been compiled over the years and have been set up with feedback from past clients that wanted to give you, the customer, and HOA the best closure to projects.

The following steps will be taken as outlined for your project:

1. HOA team will complete install of products/services on job site
2. HOA team will turn in their Punch List (PL) as they see fit upon completion to HOA Project Manager
3. Project will be deemed to be at Substantial Completion, which means system is performing as intended, minus any PL work at that time, and a Substantial Completion Packet will be sent to you, the customer
4. Customer signs the Substantial completion Certificate and produces their own PL within 5 days of Substantial Completion, and sent to HOA Project Manager
5. HOA will work on both PL's and have them completed within 45 days of Substantial Completion, minus any additional parts that may need to be ordered awaiting shipping
6. Upon completion of PL items, the project will be moved to Final Completion and Final Completion Certificate, to be signed, and Final Invoice sent
7. Project is now in Warranty status with any remaining items to be handled under the Warranty standard

October 10, 2025

MEMO TO: Paul Bertoglio, CWRWS JPB Chairman
Members, Central Wyoming Regional Water Systems Joint Powers Board

FROM: Andrew Beamer, Interim Public Services Director
Ethan Yonker, Water Operations Officer
Logan Wood, Water Treatment Plant Manager

SUBJECT: Authorizing the purchase and payment of a 2-stage vertical turbine well pump for Morad #7 Well from Sargent Drilling.

Meeting Type & Date

CWRWS JPB Meeting
October 21, 2025

Action Type

Approval

Recommendation

That the Central Wyoming Regional Water System Joint Powers board authorizes the purchase and payment of a 2-stage vertical turbine well pump from Sargent Drilling Co., Broken Bow, NE.

Summary

The Morad #7 well pump was installed in the late 1990s and is an essential part of our well field water production. Due to its age and continuous use, the pump and impellers are worn and in need of replacement.

Quotes for purchasing the vertical turbine well pump are listed.

<u>Vendor</u>	<u>Amount</u>
Sargent Drilling	\$24,169.00
Purvis Industries	\$25,768.41
Source Equipment	\$29,207.35

It is the Water Treatment Plant staff's top priority to keep our water system in good operating condition. Replacement of well-field pumps is consistent with our maintenance program and ensures stewardship of the system. Staff recommends purchasing the 2-stage vertical turbine well pump from Sargent Drilling of Broken Bow, NE, for Twenty-Four Thousand One Hundred Sixty-Nine Dollars (\$24,169).

Financial Considerations

Expenses for this purchase are budgeted in the FY26 CWRWS Capital Budget.

Oversight/Project Responsibility

Logan Wood, WTP Manager

Attachments

Quotes from Sargent Drilling, Purvis Industries, and
Source Equipment

Sargent Drilling Co.

PO BOX 627

Broken Bow, NE 68822

(308) 872-5125

Estimate

Date	Estimate #
4/9/2025	2612

Name / Address
Casper Wyoming

Qty	Description	Cost	Total
	RE: Morad #7		
1	To include Goulds type A discharge head, 408" total pipe length of 6" column with stainless steel shaft, rubber line shaft bearings, 2 Stage 11CLC 600gpm at 90' TDH with stainless steel impellers. Assembled and epoxy coated inside and out.	24,169.00	24,169.00
	Shipping charges included on Caspar 21 quote	0.00	0.00
		Subtotal	\$24,169.00
		Sales Tax (5.5%)	\$0.00
		Total	\$24,169.00



QUOTATION

THIS IS NOT AN INVOICE

1800 OPPORTUNITY BLVD.
CASPER, WY 82601
US
307-472-0811

Order Number	
12558971	
Order Date	Page
4/3/2025	2 of 2
Customer ID	
66658	

Quote Expires On: 05/03/2025

****Please reference this quote number when placing your order.****

ALL ITEMS SUBJECT TO PRIOR SALE

Ordered	Allocated	Remaining	UOM	Item ID Item Description	Pricing UOM Size	Unit Price	Extended Price
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Order Line Notes: S-Pump.Complete-OLS [Ship Assembled]
COS: 600 gpm x 90' @ 1,775 rpm (Bowl Performance)
Total Pump Length: 429.7 [in]
*Model: OLS-SM10M-2 w/ colleted Impellers
*Suction: Threaded, 6" Taper / Strainer: Threaded Cone
*Column: 6" J-Type Threaded, Sch.40), 5' Std. Section Length
*Line-Shaft: 1" - 14 TPI LH, 10" Stickup
*Head: SAC Ductile Iron w/ 6" 150# ANSI FF Outlet for ~ VHS Driver w/ Packing Gland Seal Assembly,
Standard Base / Foundation Plate: None
*Coating, Tnemec Series 21 Epoxy, 10-20 mils DFT
Note: No Motor
Freight cost is not included
Submittal Lead Time: 1-2 Weeks ARO
Production Lead Time: 4-6 Weeks After
Approved Release To Manufacturing

Total Lines: 1

SUB-TOTAL: 24,403.14
TAX: 0.00
OC - FREIGHT: 1,365.27
AMOUNT DUE: 25,768.41

U.S. Dollars

All information is confidential and proprietary of Purvis Industries.



In the event of a cost increase caused by a change in laws or acts of government, including the imposition of tariffs, whether foreseeable or not, to materials, components, or equipment occurring during the performance of the contract, the contract price, shall be equitably adjusted by Purvis Industries.

5.113, 11/14/2010

Source Equipment

056 Barton Drive
Casper, WY 82604
United States
Tel.: 307-234-1643, Fax: 307-234-2592

Source Equipment

To:
City of Casper
200 N. David Street
Casper, WY 82601
Tel.: 307-235-8400
Details: Morad #7

Quote Date: 04/30/25

Price Quotation PQ250649

Ln	Part Number	Part Description	Quantity	Unit Price	Extended Price
1	000	VIT-DITM 11CLC 2 Stage 11CLC 2-STG ASSEMBLED W/L W/CASE AND STRAINER 16.5 X 6 TYPE CA DISCHARGE 6 X 1 COLUMN AND SHAFT ASSEM 20 HP VHS 1800 RPM US NIDEC 416SS HEADSHAFT ASSEMBLY GOULDS BASE PLATE 34' TO BOTTOM OF SUCTION Morad #7 Ship 6-8 weeks ARO FOB: Factory	1.00 EA	\$ 20,987.35	20,987.35
2	Adder	Adder Coating of Pump	1.00 EA	\$ 1,875.00	1,875.00
3	Adder	Adder Coating ID/OD of the Column	1.00 EA	\$ 3,895.00	3,895.00
4	Adder	Adder Coating ID/OD of Head and Packing Box	1.00 EA	\$ 1,250.00	1,250.00
5	Shipment	Estimated shipping cost for 3 Turbine pump	1.00 EA	\$ 1,200.00	1,200.00

Expir. Date: 05/15/25
Payment Terms: Net 30 Days
Sales Rep: House

Total Price	29,207.35
Tax	0.00
TOTAL	\$ 29,207.35

Mike Stickelberger
Source Equipment

October 10, 2025

MEMO TO: Paul Bertoglio, CWRWS JPB Chairman
Members, Central Wyoming Regional Water Systems Joint Powers Board

FROM: Andrew Beamer, Interim Public Services Director
Ethan Yonker, Water Operations Officer
Logan Wood, Water Treatment Plant Manager

SUBJECT: Authorizing the purchase and payment of a 2-stage vertical turbine well pump for Caspar #11 Well from Sargent Drilling.

Meeting Type & Date

CWRWS JPB Meeting

Action Type

Approval

Recommendation

That the Central Wyoming Regional Water System Joint Powers Board authorizes the purchase and payment of a 2-stage vertical turbine well pump from Sargent Drilling Co., Broken Bow, NE.

Summary

The Caspar #11 well pump was installed in the late 1990s and is an essential part of our well field water production. Due to its age and continuous use, the pump and impellers are worn and in need of replacement.

Quotes for purchasing the vertical turbine well pump are listed.

<u>Vendor</u>	<u>Amount</u>
Sargent Drilling	\$20,103.00
Purvis Industries	\$23,466.90
Source Equipment	\$29,434.28

It is the Water Treatment Plant staff's top priority to keep our water system in good operating condition. Replacement of well-field pumps is consistent with our maintenance program and ensures stewardship of the system. Staff recommends purchasing the 2-stage vertical turbine well pump from Sargent Drilling of Broken Bow, NE, for Twenty Thousand One Hundred Three Dollars (\$20,103.00).

Financial Considerations

Expenses for this purchase are budgeted in the FY26 CWRWS Capital Budget.

Oversight/Project Responsibility

Logan Wood, WTP Manager

Attachments

Quotes from Sargent Drilling, Purvis Industries, and Source Equipment

Sargent Drilling Co.

PO BOX 627
Broken Bow, NE 68822

(308) 872-5125

Estimate

Date	Estimate #
4/9/2025	2611

Name / Address
Casper Wyoming

Qty	Description	Cost	Total
1	<p>RE: Caspar #11</p> <p>To include Goulds type A discharge head, 324" total pipe length of 6" column with stainless steel shaft, rubber line shaft bearings, 2 stage 9RCLC 400gpm at 76' TDH with stainless steel impellers. Assembled and epoxy coated inside and out.</p> <p>**Shipping charges included on Caspar 21 quote**</p>	20,103.00	20,103.00
		Subtotal	\$20,103.00
		Sales Tax (5.5%)	\$0.00
		Total	\$20,103.00



QUOTATION

THIS IS NOT AN INVOICE

1800 OPPORTUNITY BLVD.
CASPER, WY 82601
US
307-472-0811

Order Number	
12558945	
Order Date	Page
4/3/2025	2 of 2
Customer ID	
66658	

Quote Expires On: 05/03/2025

Please reference this quote number when placing your order.

ALL ITEMS SUBJECT TO PRIOR SALE

Ordered	Allocated	Remaining	UOM	Item ID Item Description	Pricing UOM Size	Unit Price	Extended Price
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Order Line Notes: S-Pump.Complete-OLS (Ship: Assembled)
COS: 400 gpm x 76' @ 1,765 rpm (Bowl Performance)
Total Pump Length: 342.5 [in]
*Model: OLS-SP09L-2 w/ colleted Impellers
*Suction: Threaded, 6" Taper / Strainer: Threaded Cone
*Column: 6" J-Type Threaded, Sch.40), 10' Std. Section Length
*Line-Shaft: 1" - 14 TPI LH, 10" Stickup
*Head: SAC Ductile Iron w/ 6" 150# ANSI FF Outlet for ~ VHS Driver w/ Packing Gland Seal Assembly,
Standard Base / Foundation Plate: None
*Coating, Tnemec Series 21 Epoxy, 10-20 mils DFT
Note: No Motor
Freight cost is not included
Submittal Lead Time: 1-2 Weeks ARO
Production Lead Time: 4-6 Weeks After
Approved Release To Manufacturing

Total Lines: 1

SUB-TOTAL: 22,101.63
TAX: 0.00
OC - FREIGHT: 1,365.27
AMOUNT DUE: 23,466.90

U.S. Dollars

All information is confidential and proprietary of Purvis Industries.



In the event of a cost increase caused by a change in laws or acts of government, including the imposition of tariffs, whether foreseeable or not, to materials, components, or equipment occurring during the performance of the contract, the contract price, shall be equitably adjusted by Purvis Industries.

.5.113, 11/14/2010

Agenda Packet
Page 41 of 46

NL 3 15 22

Source Equipment

056 Barton Drive
Casper, WY 82604
United States
Tel.: 307-234-1643, Fax: 307-234-2592



To:
City of Casper
200 N. David Street
Casper, WY 82601
Tel.: 307-235-8400
Details: Casper #11

Quote Date: 04/30/25

Price Quotation PQ250650


Ln	Part Number	Part Description	Quantity	Unit Price	Extended Price
1	000	VIT-DITM 9RCLC 2 Stage 9RCLC 2-STG ASSEMBLED W/L W/CASE AND STRAINER 16.5 X 6 TYPE A DISCHARGE 6 X 1 COLUMN AND SHAFT ASSEM 10 HP VHS 1800 RPM US NIDEC 416SS HEADSHAFT ASSEMBLY 27' TO BOTTOM OF SUCTION Casper #11 Ship 6-8 Weeks ARO FOB: Factory	1.00 EA	\$ 21,214.28	21,214.28
2	Adder	Adder Coating of Pump	1.00 EA	\$ 1,875.00	1,875.00
3	Adder	Adder Coating ID/OD of the Column	1.00 EA	\$ 3,895.00	3,895.00
4	Adder	Adder Coating ID/OD of Head and Packing Box	1.00 EA	\$ 1,250.00	1,250.00
5	Shipment	Estimated shipping cost for 3 Turbine pump	1.00 EA	\$ 1,200.00	1,200.00
Total Price					29,434.28
Tax					0.00
TOTAL					\$ 29,434.28

Expir. Date: 05/15/25
Payment Terms: Net 30 Days
Sales Rep: House

Mike Stickelberger
Source Equipment

October 10, 2025

MEMO TO: Paul Bertoglio, CWRWS JPB Chairman
Members, Central Wyoming Regional Water Systems Joint Powers Board

FROM: Andrew Beamer, Interim Public Services Director 
Ethan Yonker, Water Operations Officer
Logan Wood, Water Treatment Plant Manager

SUBJECT: Authorizing the purchase and payment of a 2-stage vertical turbine well pump for Caspar #21 well from Purvis Industries.

Meeting Type & Date

CWRWS JPB Meeting
October 21, 2025

Action Type

Approval

Recommendation

That the Central Wyoming Regional Water System Joint Powers Board authorizes the purchase and payment of a 2-stage vertical turbine well pump from Purvis Industries. Casper, WY.

Summary

The Caspar #21 well pump was installed in the late 1990s and is an essential part of our well field water production. Due to its age and continuous use, the pump and impellers are worn and in need of replacement.

Quotes for purchasing the vertical turbine well pump are listed.

<u>Vendor</u>	<u>Amount</u>
Purvis Industries	\$22,934.02
Sargent Drilling	\$23,407.00
Source Equipment	\$26,664.86

It is the Water Treatment Plant staff's top priority to keep our water system in good operating condition. Replacement of well-field pumps is consistent with our maintenance program and ensures stewardship of the system. Staff recommends purchasing the 2-stage vertical turbine well pump from Purvis Industries of Casper, WY, for Twenty-Two Thousand Nine Hundred Thirty-Four Dollars and Two Cents (\$22,934.02).

Financial Considerations

Expenses for this purchase are budgeted in the FY26 CWRWS Capital Budget.

Oversight/Project Responsibility

Logan Wood, WTP Manager

Attachments

Quotes from Sargent Drilling, Purvis Industries, and Source Equipment



QUOTATION

THIS IS NOT AN INVOICE

1800 OPPORTUNITY BLVD.
CASPER, WY 82601
US
307-472-0811

Order Number	
12558909	
Order Date	Page
4/3/2025	2 of 2
Customer ID	
66658	

Quote Expires On: 05/03/2025

****Please reference this quote number when placing your order.****

ALL ITEMS SUBJECT TO PRIOR SALE

Ordered	Allocated	Remaining	UOM	Item ID Item Description	Pricing UOM Size	Unit Price	Extended Price
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Order Line Notes: S-Pump.Complete-OLS (Ship: Assembled]
COS: 250 GPM x 80' @ 1,765 rpm (Bowl
Performance)
Total Pump Length: 390.5 [in]]
*Model: OLS-SP7H-3 w/ collected Impellers
*Suction: Threaded, 5" Taper / Strainer: Threaded
Cone
*Column: 6" J-Type Threaded, Sch.40), 10' Std.
Section Length
*Line-Shaft: 1" - 14 TPI LH, 10" Stickup
*Head: SAC Ductile Iron w/ 6" 150# ANSI FF
Outlet for ~ VHS Driver w/ Packing Gland Seal
Assembly,
Standard Base / Foundation Plate: None
*Coating, Tnemec Series 21 Epoxy, 10-20 mils
DFT
Note: No Motor
Freight cost is not included
Submittal Lead Time: 1-2 Weeks ARO
Production Lead Time: 4-6 Weeks After
Approved Release To Manufacturing

Total Lines: 1

SUB-TOTAL: 21,568.75
TAX: 0.00
OC - FREIGHT: 1,365.27
AMOUNT DUE: 22,934.02

U.S. Dollars

All information is confidential and proprietary of Purvis Industries.



In the event of a cost increase caused by a change in laws or acts of government, including the imposition of tariffs, whether foreseeable or not, to materials, components, or equipment occurring during the performance of the contract, the contract price, shall be equitably adjusted by Purvis Industries.

Sargent Drilling Co.

PO BOX 627

Broken Bow, NE 68822

(308) 872-5125

Estimate

Date	Estimate #
4/9/2025	2610

Name / Address
Casper Wyoming

Qty	Description	Cost	Total
	RE: Caspar #21		
1	To include Goulds type A discharge head, 372" total pipe length of 6" column with stainless steel shaft, rubber line shaft bearings, 2 stage 9WAHC 250gpm at 80' TDH with stainless steel impellers. Assembled and epoxy coated inside and out	21,407.00	21,407.00
1	Delivery of all 3 pumps	2,000.00	2,000.00
		Subtotal	\$23,407.00
		Sales Tax (5.5%)	\$0.00
		Total	\$23,407.00

Source Equipment
056 Barton Drive
Casper, WY 82604
United States
Tel.: 307-234-1643, Fax: 307-234-2592



To:
City of Casper
200 N. David Street
Casper, WY 82601
Attn: Mike Day
Tel.: 307-797-2973
Details: Casper #21

Ship to:
City of Casper
Water Treatment Plant/Water Treatment Plant
1500 SW Wyoming Blvd.
Casper, WY 82604

Quote Date: 04/30/25

Price Quotation PQ250580

Ln	Part Number	Part Description	Quantity	Unit Price	Extended Price
1	000	VIT-DITM 9WAHC 2 Stage 9WAHC 2-STG ASSEMBLED W/L W/CASE AND STRAINER 16.5 X 6 CA DISCHARGE HEAD 6 X 1 COLUMN AND SHAFT ASSEM 7.5 HP VHS 1800 RPM US NIDEC 416SS HEADSHAFT ASSEMBLY GOULDS BASE PLATE 31' TO BOTTOM OF STRAINER Casper #21 Ship 6-8 Weeks ARO FOB: Factory	1.00 EA	\$ 18,444.86	18,444.86
2	Adder	Adder Coating of Pump	1.00 EA	\$ 1,875.00	1,875.00
3	Adder	Adder Coating ID/OD of the Column	1.00 EA	\$ 3,895.00	3,895.00
4	Adder	Adder Coating ID/OD of Head and Packing Box	1.00 EA	\$ 1,250.00	1,250.00
5	Shipment	Estimated shipping cost for 3 Turbine pump	1.00 EA	\$ 1,200.00	1,200.00

Total Price	26,664.86
Tax	0.00
TOTAL	\$ 26,664.86

Expir. Date: 05/15/25
Payment Terms: Net 30 Days
Sales Rep: House

Mike Stickelberger
Source Equipment