



RESOLUTION NO. 2024-03
RESOLUTION NO. PFA-01
ORDINANCE NO. 2024-01

AGENDA

OUR MISSION

Protect, enhance, and develop Calaveras County's water resources and watersheds to provide safe, reliable, and cost-effective services to our communities.

2021-2026 Strategic Plan, Adopted April 28, 2021, and can be viewed at this [link](#)

Regular Board Meeting
Wednesday, January 24, 2024
1:00 p.m.

[Calaveras County Water District](#)
120 Toma Court
San Andreas, California 95249

Board Chambers are open to the public and the following alternative is available to members of the public who wish to participate in the meeting virtually:

Microsoft Teams meeting

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 224 605 927 844

Passcode: qDtDHA

[Download Teams](#) | [Join on the web](#)

Or call in (audio only)

[+1 323-647-8603,409112649#](#)

Phone Conference ID: 409 112 649#

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Administration Office at 209-754-3028. Notification in advance of the meeting will enable CCWD to make reasonable arrangements to ensure accessibility to this meeting. Any documents that are made available to the Board before or at the meeting, not privileged or otherwise protected from disclosure, and related to agenda items, will be made available at CCWD for review by the public.

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. ROLL CALL

BOARD OF DIRECTORS

Russ Thomas, President
Cindy Secada, Director

Bertha Underhill, Vice President
Scott Ratterman, Director

Jeff Davidson, Director

2. PUBLIC COMMENT

At this time, members of the public may address the Board on any non-agendized item. The public is encouraged to work through staff to place items on the agenda for Board consideration. No action can be taken on matters not listed on the agenda. Comments are limited to three minutes per person.

3. CONSENT AGENDA

3a Report on the Monthly Investment Transactions for December 2023
(Jeffrey Meyer, Director of Administrative Services)

3b Authorized Signatures on Banking and Investment Accounts
(Jeffrey Meyer, Director of Administrative Services)

- Umpqua Bank **RES 2024-_____**
- Local Agency Investment Fund **RES 2024-_____**
- Chandler Asset Management **RES 2024-_____**
- Global Payments **RES 2024-_____**

4. NEW BUSINESS

4a* Discussion regarding the Customer Portal Launch
(Kelly Richards, Business Services Manager)

4b* Discussion/Direction regarding Customer Outreach and Communication
(Kelly Gerkenmeyer, External Affairs Manager)

4c Discussion/Action regarding Request to Purchase a Pipehunter Vac-Hunter Dual Axle Hydro-Excavator Trailer
(Damon Wyckoff, Director of Operations)

4d Discussion/Direction regarding Professional Services Agreement with Landstedt Consulting for As-Needed Grant Administration Services
(Mark Rincon-Ibarra, District Engineer)

4e Discussion/Action regarding Proposal from Crosno Construction for Rehabilitation of Jenny Lind Water Treatment Plant Clearwell #2 CIP 11083J
(Kevin Williams, Senior Civil Engineer) **RES 2024-_____**

4f Discussion/Action regarding Westpoint Water Supply Project Scope of Work
(Sam Singh, Senior Engineering Tech) **RES 2024-_____**

5. REPORTS

5a* General Manager's Report
(Michael Minkler)

6. BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

7. **NEXT BOARD MEETINGS**

- Wednesday, February 14, 2024, 1:00 p.m., Regular Board Meeting
- Wednesday, February 28, 2024, 1:00 p.m., Regular Board Meeting

8. **CLOSED SESSION**

- 8a Conference with Legal Counsel – Anticipated Litigation. Significant exposure to litigation pursuant to subdivision (d)(2) of Government Code section 54956.9. - three potential cases
- 8b Public Employee Performance Evaluation-Government Code §54957
General Manager

9. **REPORTABLE ACTION FROM CLOSED SESSION**

10. **ADJOURNMENT**



CALAVERAS COUNTY WATER DISTRICT

Board of Directors

District 1 Scott Ratterman
District 2 Cindy Secada
District 3 Bertha Underhill
District 4 Russ Thomas
District 5 Jeff Davidson

Financial Services

Umpqua Bank
US Bank
Wells Fargo Bank

CCWD Committees

*Engineering Committee
*Finance Committee
*Legal Affairs Committee
*External Relations Committee

Joint Power Authorities

ACWA / JPIA
CCWD Public Financing Authority
Calaveras-Amador Mokelumne River Authority (CAMRA)
Calaveras Public Power Agency (CPPA)
Eastern San Joaquin Groundwater Authority
Tuolumne-Stanislaus Integrated Regional Water
Management Joint Powers Authority (T-Stan JPA)
Upper Mokelumne River Watershed Authority (UMRWA)

Other Regional Organizations of Note

Calaveras County Parks and Recreation
Committee
Mountain Counties Water Resources
Association (MCWRA)
Mokelumne River Association (MRA)
Tuolumne-Stanislaus Integrated Regional Water
Mgt. Watershed Advisory Committee to the JPA (WAC)
Eastern San Joaquin Groundwater Authority-Technical
Advisory Committee

Legal Counsel

Matthew Weber, Esq.
Downey Brand, LLP

Auditor

Richardson & Company, LLP

Membership**

Thomas / Davidson (alt. Secada)
Secada / Underhill (alt. Thomas)
Ratterman / Davidson (alt. Thomas)
Thomas / Secada (alt. Underhill)

Ratterman (alt. Michael Minkler)
All Board Members
Ratterman / Secada (alt. Michael Minkler)
Michael Minkler (alt. Damon Wyckoff)
Thomas
Underhill (alt. Thomas)

Davidson (alt. Ratterman)

Thomas (alt. Ratterman)

All Board Members

All Board Members
Kelly Gerkenmeyer (alt: Juan Maya)

Mark Rincon-Ibarra (alt: Sam Singh)

* Standing committees, meetings of which require agendas & public notice 72 hours in advance of meeting.

** The 1st name listed is the committee chairperson.

3 a

A G E N D A
I T E M

3 a

Agenda Item

DATE: January 24, 2024

TO: Michael Minkler, General Manager

FROM: Jeffrey Meyer, Director of Administrative Services

SUBJECT: Report on the Monthly Investment Transactions for December 2023

RECOMMENDED ACTION:

For information only.

SUMMARY:

Per the District's Investment Policy, staff will report the monthly investment activity for the preceding month. During December 2023, the following investment transactions occurred:

Chandler Asset Management Activity:	General	Water CIP Loan	Sewer CIP Loan
Book Value at 11/30/2023	20,259,532.79	19,593,200.08	7,379,236.64
Security Purchases			
Money Market Fund Purchases	99,890.00	80,075.65	30,158.25
Money Market Contributions			
Security Sales			
Money Market Fund Sales			
Maturities			
Principal Paydown	(56,756.20)		
Money Market Fund Withdrawals	(1,803.70)		
Amortization/Accretion	(215.52)		
Gain/Loss on Dispositions		-	
Book Value at 11/30/2023	20,300,647.37	19,673,275.73	7,409,394.89
Local Agency Investment Fund Activity:			
Balance at 10/31/2023	8,628,004.85		
Withdrawals, Operating Cash	(1,000,000.00)		
Interest	-		
Balance at 11/30/2023	7,628,004.85		

LAIF (Local Agency Investment Fund) daily interest rates are 3.96% as of December 31, 2023.

CALAVERAS COUNTY WATER DISTRICT
INVESTMENT ACTIVITY
FOR THE MONTH ENDING December 31, 2023

INVESTMENT TRUSTEE	TYPE OF FUNDS/Availability	MARKET VALUE	INVESTMENT COST			DATE INVST	CM INTEREST AND DIVIDEND RECVD
			COST	PAR (PRINC)	CPN RATE		
Local Agency Investment Fund	Restricted for Reserves/Special Projects	9,529,460.16	9,529,460.16	9,529,460.16	3.810%	ongoing	-
Chandler Asset Management	Restricted/Reserves/Expansion/AD/R&R	19,673,689.63	20,300,647.37	20,384,553.10	2.170%	ongoing	41,114.58
Chandler Asset Management - Water Loan	Committed to Specific CIP Projects	19,673,275.73	19,673,275.73	19,673,275.73	4.980%	ongoing	80,075.65
Chandler Asset Management - Sewer Loan	Committed to Specific CIP Projects	7,409,394.89	7,409,394.89	7,409,394.89	4.980%	ongoing	30,158.25
Totals		56,285,820.41	56,912,778.15	56,996,683.88			151,348.48

MONTHLY ACTIVITY

Chandler Asset Management Activity:	General	Water CIP Loan	Sewer CIP Loan
Book Value at 11/30/2023	20,259,532.79	19,593,200.08	7,379,236.64
Security Purchases			
Money Market Fund Purchases	99,890.00	80,075.65	30,158.25
Money Market Contributions			
Security Sales			
Money Market Fund Sales			
Maturities			
Principal Paydown	(56,756.20)		
Money Market Fund Withdrawals	(1,803.70)		
Amortization/Accretion	(215.52)		
Gain/Loss on Dispositions		-	
Book Value at 11/30/2023	20,300,647.37	19,673,275.73	7,409,394.89
Local Agency Investment Fund Activity:			
Balance at 10/31/2023	8,628,004.85		
Withdrawals, Operating Cash	(1,000,000.00)		
Interest	-		
Balance at 11/30/2023	7,628,004.85		

**CALAVERAS COUNTY WATER DISTRICT
CHANDLER ASSET MANAGEMENT (General)**

FOR THE MONTH ENDED December 31, 2023

INVESTMENT TRUSTEE/TYPE	MARKET VALUE	INVESTMENT COST			Dividends Earned	Interest Earned
		BOOK	PAR Value/Units	CPN RATE		
Asset Backed Security	499,682.22	510,383.38	510,403.28	1.59%		695.53
Agency Securities	2,960,891.00	3,007,054.53	3,000,000.00	2.78%		16,694.44
CMO	964,025.25	974,198.71	990,000.00	3.74%		2,856.58
Corporate Securities	4,644,121.64	4,727,515.86	4,735,000.00	2.72%		7,360.42
Money Market Fund (Cash)	179,149.82	179,149.82	179,149.82	4.98%	526.83	
Municipal Bonds	209,134.40	203,120.52	200,000.00	5.12%		
Supernational Securities	1,062,115.25	1,119,862.54	1,120,000.00	0.65%		
US Treasury	9,154,570.05	9,579,362.01	9,650,000.00	1.64%		15,000.00
Totals	19,673,689.63	20,300,647.37	20,384,553.10	2.17%	526.83	42,606.97

3b

A G E N D A
I T E M

3b

Agenda Item

DATE: January 24, 2024

TO: Board of Directors

FROM: Michael Minkler, General Manager

SUBJECT: Authorized Signers on Banking and Investment Accounts

RECOMMENDED ACTION:

Motion: _____ / _____ adopting the following Resolutions for authorizing signers on Banking and Investment accounts:

- Umpqua Bank Resolution No. 2024-_____
- Local Agency Investment Fund Resolution No. 2024-_____
- Chandler Asset Management Resolution No. 2024-_____
- Global Payments Resolution No. 2024-_____

SUMMARY:

It has become necessary for the District to update its authorized signers list for Umpqua Bank, Local Agency Investment Fund (LAIF), Chandler Investment, and Global Payments. Resolutions to update the bank forms are attached for your review.

Established CCWD financial transaction protocol requires the General Manager and Director of Administrative Services authorization prior to initiating an investment transaction. All financial transactions will be handled per Board policy.

FINANCIAL CONSIDERATIONS:

None

*Attachments: Resolution No. 2024-___ Authorizing Signatures for Umpqua Bank
Resolution No. 2024-___ Authorizing Signatures for Local Agency Investment Fund
Resolution No. 2024-___ Authorizing Signatures for Chandler Asset Management
Resolution No. 2024-___ Authorizing Signatures for Global Payments*

RESOLUTION 2024-

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
CALAVERAS COUNTY WATER DISTRICT**

**AUTHORIZING SIGNATURES
FOR CHANDLER ASSET MANAGEMENT**

WHEREAS, On February 12, 2020, the Board of Director approved direction to engage with Chandler Asset Management for Investment Management Services; and

WHEREAS, the District needs to update the authorization list due to staff changes.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of CALAVERAS COUNTY WATER DISTRICT does hereby rescind in its entirety Resolution No. 2022-80 and any and all prior signature authorizations for Chandler Asset Management Authorized Representatives.

BE IT FURTHER RESOLVED, that the following Calaveras County Water District Officers shall be authorized to give instruction to and receive information from Chandler Asset Management concerning the Chandler Asset Management Account:

Executive Group	Finance
Michael Minkler General Manager	Kelly Richards Business Services Manager
Stacey Lollar Human Resources Manager	Jeffrey Meyer Director of Administrative Services

PASSED AND ADOPTED this 24th day of January 2024 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

RESOLUTION 2024-

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
CALAVERAS COUNTY WATER DISTRICT**

**AUTHORIZING SIGNATURES
FOR GLOBAL PAYMENTS**

WHEREAS, the District needs to update the authorization list due to staff changes.

NOW THEREFOR BE IT RESOLVED, that the following Calaveras County Water District Officers shall be authorized to give instruction to and receive information from Global Payments:

Executive Group	Finance
Michael Minkler General Manager	Kelly Richards Business Services Manager
Stacey Lollar Human Resources Manager	Jeffrey Meyer Director of Administrative Services

PASSED AND ADOPTED this 24th day of January 2024 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

RESOLUTION 2024-

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
CALAVERAS COUNTY WATER DISTRICT**

**AUTHORIZING SIGNATURES
IN THE LOCAL AGENCY INVESTMENT FUND**

WHEREAS, Pursuant to Chapter 730 of the Statutes of 1976, Section 16429.1 was added to the California Government Code to create a Local Agency Investment Fund in the State Treasury for the deposit of money of a local agency for purposes of investment by the State Treasurer; and

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT adopted Financial Management Policy 5.01 authorizing the deposit and withdrawal of money in the Local Agency Investment Fund in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein is in the best interests of the Calaveras County Water District.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of CALAVERAS COUNTY WATER DISTRICT does hereby rescind in its entirety Resolution 2022-79, and any and all prior signature authorizations for investment of monies in the Local Agency Investment Fund thereto.

BE IT FURTHER RESOLVED, that the following CALAVERAS COUNTY WATER DISTRICT Officers shall be authorized to order the deposit or withdrawal of monies in the Local Agency Investment Fund:

Executive Group	Finance
Michael Minkler General Manager	Kelly Richards Business Services Manager
Stacey Lollar Human Resources Manager	Jeffrey Meyer Director of Administrative Services

PASSED AND ADOPTED this 24th day of January, 2024 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

RESOLUTION 2024-

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
CALAVERAS COUNTY WATER DISTRICT**

**AUTHORIZING SIGNATURES
FOR UMPQUA BANK CHECKING AND MONEY MARKET ACCOUNTS**

WHEREAS, the Board of Directors of CALAVERAS COUNTY WATER DISTRICT adopted Resolution 2022-78 on July 27, 2022 authorizing the signatories for investment and check signing; and

WHEREAS, the District needs to update the authorization list due to staffing changes; and

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT does hereby rescind in its entirety Resolution 2022-78, and any and all prior signature authorizations for investment and check signing thereto.

BE IT FURTHER RESOLVED, that the following District employees shall be authorized to sign checks and other instruments:

Executive Group	Finance
Michael Minkler	Kelly Richards
Stacey Lollar	Jeffrey Meyer

BE IT FURTHER RESOLVED, that this District authorizes and directs you, Umpqua Bank, and your correspondent banks, to honor and pay all checks and other instruments, including those payable to persons whose names appear on them as signers, which are drawn on its Checking Account number 60203627, described as Calaveras County Water District Secretarial Fund, when it bears or purports to bear the facsimile signatures of two (2) of the employees listed above. One signature must be from the Executive Group.

BE IT FURTHER RESOLVED, that you and your correspondent banks may honor and charge this District for all checks and other instruments for the payment of money as long as the facsimile signatures resemble the specimens which an officer of the District files with you now or in the future. This applies regardless of whom the checks or other instruments are payable to or of the manner in which the actual or purported facsimile signatures were made on the documents.

BE IT FURTHER RESOLVED, that this District authorizes and directs you, Umpqua Bank, and your correspondent banks, to honor all funds transfers between the Calaveras County Water District Secretarial Fund account (account number 60203627); and the Calaveras County Water District Business Money Market savings account

(account number 990755837). Funds transfers and transactions require two parties; one to initiate the transfer and another to verify it.

PASSED AND ADOPTED this 24th day of January, 2024 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

4c



AGENDA
ITEM

4c

Agenda Item

DATE: January 24, 2024

TO: Michael Minkler, General Manager

FROM: Damon Wyckoff, Director of Operations

SUBJECT: Discussion/Action regarding the request Purchase of a Pipehunter Vac-Hunter Dual Axle Hydro-Excavator Trailer

RECOMMENDED ACTION:

Motion: _____ / _____ by Minute Entry to approve the request to purchase a Pipehunter Vac-Hunter Dual Axle Hydro-Excavator Trailer.

SUMMARY:

Operations staff in West Point have a limited supply of tools to fix water and sewer line breaks. Staff must either fix leaks by hand or rely on other crews to supply Vactor Trucks, the associated tools, and manpower. Both efforts have challenges. Hand-digs take time, leave less time for routine system work, and reduce the number of tasks our Team Members can accomplish in the workday. Scheduling and coordination of Vactor trucks often delays the District's ability to make the repair in a timely manner, takes staff away from other work efforts, and adds wear and tear to expensive on-highway equipment. This issue was discussed at length during the development of the FY 2024 Operational Budget. Vac trailers are much smaller than Vactor trucks and can be operated by one person. These facts make them ideal for use in West Point's access-challenged areas. Moreover, as mentioned earlier, the District achieves savings and improved efficiency by reducing the need for heavy, expensive on-highway equipment trips to West Point while also keeping other Crew members at work in their areas of responsibility.

As a result of these considerations, \$127,448 was allocated in the Capital Outlay portion of the budget for the purchase of a Vac Trailer for West Point.

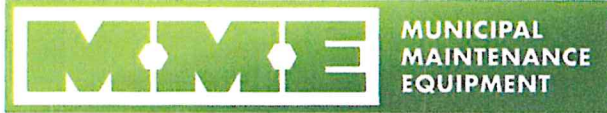
The District's Purchasing Agent solicited quotes from four different vendors:

- MME – Pipehunter Vac-Hunter - \$127,447.62
- MME – Vac-Con 5500 Hydro-Vac - \$183,493.01
- Owen Equipment – TRUVAC TRXX - \$149,264.11
- RDO Equipment – Vermeer LP873SDT - \$147,846.61
- Weco Industries – Do not provide Vac-Trailers

Based on a review of the proposals. Staff recommend the purchase of the Pipehunter Vac-Hunter Vac Trailer. While it is the cheapest, it also offers comparable specifications.

FINANCIAL CONSIDERATIONS:

The cost of the Pipehunter Vac-Hunter Dual Axle Hydro-Excavator Trailer is \$127,447, the District budgeted \$127,448 for this purchase.



CSLB #980409
DIR 1000004282
www.source-mime.com
Toll Free 1-888-484-9968

October 6, 2023

Calaveras County Water District
P.O. Box 846
120 Toma Court
San Andreas, CA 95249

Tel: 209-772-9768
patb@ccwd.org

Attention: Pat Burkhardt

We are pleased to provide the following quotation on the Pipehunter VacHunter Dual Axle Hydro-Excavator Trailer for your review.

One (1) Each PipeHunter VacHunter Dual Axle Model 500235 Trailer complete with the following features:

Debris Tank:

- 500 Gallon Capacity Corten Steel Tank & Rear Door
- Hydraulic Rear Door
- Hydraulic Dump Tank Lift
- High-Pressure Body Washout System
- 3" Drain Port with 10' Layflat Hose
- Debris Tank Float Ball Indicator
- Ladder on Debris Tank

Water System:

- Dual 100 Gallon Water Tanks – Aluminum (200 Gallons Total)
- 25' Fill Hose with Storage Rack
- Hydro Excavation Gun 0 Degree Tip
- Ext. Tube 5' Stainless Steel 3/4"
- Rip Saw
- 50' Retractable Hand Gun Reel w/ 50' x 3/8" Hose (Upgrade Only)
- Storage Tube Hydro X Barrels

Water Pump:

- 3000 PSI @ 5 GPM Water Pump – Belt Drive (Standard)
- Air Purge

Engine:

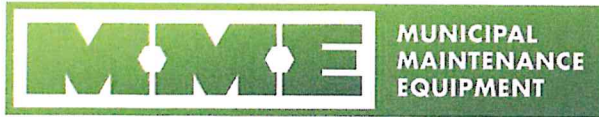
- 74 HP Kohler Diesel Tier 4 Final – Upgrade for 1400 CFM
- 15 Gallon Fuel Tank
- Electric Throttle Upgrade
- Digital Gauge Package & Tachometer Low Pressure High Temp Shutdown
- Engine Shroud / Belt Guard / Fenders – Aluminum

4634 Mayhew Road
Sacramento, CA 95827
Office: 916-922-1101
Fax: 916-922-1034

4750 Caterpillar Road, #D
Redding, CA 96003
Office: 530-243-4856
Fax: 530-243-1447

13922 Gracebee Avenue
Norwalk, CA 90650
Office: 714-528-8770
Fax: 714-528-8744

1930 W. Winton Avenue, #1
Hayward, CA 94545
Office: 510-670-0230
Fax: 510-670-9003



October 6, 2023
Calaveras County Water District
Pipehunter VacHunter 500235 Dual Axle Hydro-Excavator Trailer Quotation
Page 2

Blower:

- Dual Cyclone Separator
- Final Filter
- 1400 CFM Blower
- Vacuum Breaker

4" Vacuum System:

- 36" x 4" Crown Nozzle
- 4" Flex Hose (4" x Boom Hose w/ Camlocks)
- 4 Pipe Storage Rack 4"
- (2) 48" x 4" Vacuum Tube w/Camlocks
- 60" x 4" Vacuum Tube w/Camlocks

Electrical:

- Strobe Light with Limb Guard
- (2) LED Worklights (Rear Mount)
- LED Upgrade Marker and Tail Lights Only

Boom:

- Extendable Boom w/9' to 12' of Reach from Center Line
- Powered Boom Rotation
- Boom Pendant Control – Up/Down, Telescope, Boom Swing, 20 Ft. Lanyard

Tool Box:

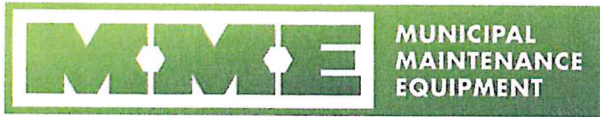
- Drawbar, Locking – Aluminum, 52" x 26" x 15.5"

Frame and Axle:

- 6" Frame
- Dual #8,000 Axles (16K)
- Electric Brakes
- Hitch 3 Positions
- Industrial Jack Stand 10,000 Lb.
- DOT Lighting Package
- Pintle Hitch

Liner Option:

- PipeHunter Speed Liner Frame & Reel – Water Tanks Grey – Debris Tanks Grey – Frame & All other Components Black



October 6, 2023
Calaveras County Water District
Pipehunter VacHunter 500235 Dual Axle Hydro-Excavator Trailer Quotation
Page 3

Price F.O.B. San Andreas, CA	\$118,825.75
7.25% Estimated Sales Tax	8,614.87
CA Tire Fee (4 @ \$1.75 Each)	<u>7.00</u>
Total	\$127,447.62

NOTE: Trailers with a capacity greater than 10,000 GVWR require a Class A CDL to transport.

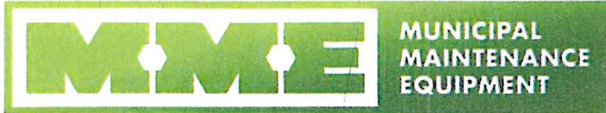
- Pricing includes delivery and on-site training.
- Normal delivery 160-220 days A.R.O. depending on engine and component availability during production.
- Sales tax applicable at time of delivery will be shown on invoice.
- Terms: Net 15
- Quotation valid for 15 days.

Thank you for your interest in this fine product line. Should you have any questions or need additional information, please let us know. We look forward to being of service.

Sincerely,
Municipal Maintenance Equipment, Inc.

A handwritten signature in blue ink that reads 'Adam Horch' with a stylized flourish at the end.

Adam Horch,
Territory Sales Manager



CSLB #980409
DIR 1000004282
www.source-mme.com
Toll Free 1-888-484-9968

October 6, 2023

Calaveras County Water District
120 Toma Court
San Andreas, CA 95249

Tel: 209-772-9768
patb@ccwd.org

Attention: Pat Burkhardt

We are pleased to provide the following quotation on the Vac-Con V500 Hydro-Vac Trailer for your review.

One (1) Each Vac-Con Diesel Powered V500 complete with the following standard equipment:

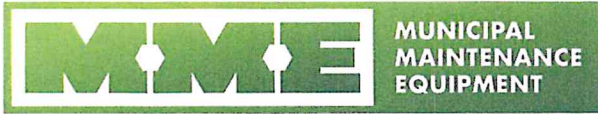
- Kubota Tier 4 Diesel
- 30 Gal. Fuel Tank
- PD Blower CFM/16" Hg
- Debris Tank
- 55 Degree Hydraulic Dump
- Hydraulic Dump Door
- Water & Airtight Quick Dump
- HDPE Water Tank
- 4 GPM @ 4000 PSI Water Pump
- 25' Refill Hose
- Water Digger Wand w/Wobble Nozzle
- Wash Down Wand
- Hose Reel & 50' of 3/8" High Pressure Hose
- Steel Tool Box - Black Powder Coated
- Anti-Freeze System
- Crown Nozzle - 6' x 4" Alum
- (2) Extensions - 6' x 4" Alum
- Trailer - Welded Rect. Tube Steel
- Wheel Chocks
- Axles - 2 @ 10K Ea. Dual Wheel, Rims - Steel
- 4" Lil Hummer Silencer
- Fully Enclosed Power Pack
- 6" Decant Knife Valve Rear Door
- Elec. Clutch on Water Pump
- Hydrant Wrench & 50 Micron Filter Bag
- Pendant Control (only w/Boom)
- Vacuum E-Stop - 100' cord
- Tool Rack holds Vacuum Tubes
- LED Work Lights (2) Above Rear Door
- 30' Vacuum Hose
- Standard Pint Color – Dusty Grey (RAL7037)

4634 Mayhew Road
Sacramento, CA 95827
Office: 916-922-1101
Fax: 916-922-1034

4750 Caterpillar Road, #D
Redding, CA 96003
Office: 530-243-4856
Fax: 530-243-1447

13922 Gracebee Avenue
Norwalk, CA 90650
Office: 714-528-8770
Fax: 714-528-8744

1930 W. Winton Avenue, #1
Hayward, CA 94545
Office: 510-670-0230
Fax: 510-670-9003



October 6, 2023
 Calaveras County Water District
 Vac-Con V500 Hydro-Vac Trailer Quotation
 Page 2

Main Information:

- Model: 500 Gal. Debris, 225 Gal. Water
- Engine: 74 HP Kubota Diesel, 1190 CFM/16" Hg
- Boom: 9' Boom with Hyd. Up/Down & 2" Hyd. Extension, 4"-16' Boom Hose & Boom Lights

Including the following selected features:

Lighting:

- LED Arrow Stick

Misc. Accessories:

- Hydrant Wrench
- Powered Boom - Rotate
- Rear Door Hydraulic Locks
- Wireless Remote

Price F.O.B. San Andreas, CA	\$171,076.00
7.25% Estimated Sales Tax	12,403.01
CA Tire Fee (8 @ \$1.75 Each)	14.00
Total	<u>\$183,493.01</u>

NOTE: Trailers with a capacity greater than 10,000 GVWR require a Class A CDL to transport.

- Quotation includes delivery and on-site training.
- Normal delivery 150-210 days A.R.O., depending on engine and component availability during production.
- Sales tax applicable at time of delivery will be shown on invoice.
- Terms: Net 15
- Quotation valid for 15 days.

Thank you for your interest in this fine product line. Should you have any questions or need additional information, please let us know. We look forward to being of service.

Sincerely,
 Municipal Maintenance Equipment, Inc.

Adam Horch,
 Territory Sales Manager



Presents a Proposal Summary

of the



TRXX

Trailer - Excavator

for

Calaveras County

120 Toma Ct.

San Andreas, Ca 95249

USA

Contact #122017-FSC-2



PRODUCT DESCRIPTION

- TRXX - Excavator 500 Gallon Spoils Tank

STANDARD FEATURES

- 200 Gallon Water Tank
- Floatball Shutoff
- Hydraulic Rear Door Open/Close
- Hydraulic Dumping
- Rear Door Safety Prop
- 5 GPM @ 3000 PSI Water Pump
- 3/8" x 50' Curbside Hose Reel
- 6" Water Tank Top Fill with Cap
- Digging Lance & Nozzle Package (5 GPM Rotator Nozzle & 4 GPM Straight Tip Single Jet Nozzle)
- Digging Lance, Vacuum Tube and Nozzle Storage
- Washdown Gun/Storage
- Primary Microstrainer Filter w/ Clean Out (5 micron)
- Vacuum Dig Tube
- Power System Shroud
- Lighted Control Screen w/ Lockable Cover
- Inspection Port at Rear
- Wireless Remote
- 4 Way Valve w/ Wireless Remote Operation for unclog feature
- Camlock Vacuum Fittings
- 49 HP Diesel Engine
- Wheel Chocks and Holder
- Pintle Trailer Hitch

ADDITIONAL FEATURES

- Vacuum Dig Tube Handle Assembly
- Drain Valve - 6 o'clock position w/ Pressure Offload Plug
- P/S Rear Fender Toolbox
- Solar Powered Battery Tender
- 4" x 25' Hose w/ Hose Ends
- Cyclone Filter
- Extendable Boom w/ 4" Boom Hose
- 1000 CFM PD Blower
- Work Zone Lighting, Includes Boom, Rear, Workstation, and Side Work Lights
- Rear Directional Control, LED Arrowstick
- Federal Signal, Strobe Package
- Powered Tongue Jack for Trailer
- Safety Cone Storage Rack - Post Style
- Stripe Paint Type, Module, DuPont (Wet on Wet)
- TruVac Logos - Applied
- 1 Printed Full Vector Manual
- TruVac Standard Manual and USB Version

ALL COST INCREASES FOR MAJOR COMPONENTS (ENGINES, TRANSMISSIONS, AXLES AND TIRES), ALL COSTS RESULTING FROM GOVERNMENT MANDATED REQUIREMENTS, AND ALL RAW MATERIAL SURCHARGES WILL BE PASSED THROUGH AND ADDED TO FACTORY INVOICES.

Customer Initials _____

Sourcewell price for Vactor TRXX.....	\$139,174.00
Tax @7.250%.....	\$10,090.11
Total Price FOB San Andreas, CA.....	\$149,264.11

Registration and training included

THE PROPERTY HEREIN IS GUARANTEED BY THE MANUFACTURER'S WARRANTY ONLY AND SELLER MAKES NO WARRANTY EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR OTHERWISE, OR OF FITNESS FOR ANY PARTICULAR PURPOSE, THAT EXTENDS BEYOND THE ABOVE DESCRIPTION OF THE EQUIPMENT.

NOTE: Price is good for 60 Days. Cost increases due to the addition of Government mandated safety or environmental devices incurred after the date of this proposal will be charged to you at our cost. Proof of such costs, if any, will be documented.

TAXES: SALES TAX applicable at time of delivery will be shown on our invoice. FEDERAL EXCISE TAXES, if applicable, will require payment unless a properly executed Exemption Certificate is submitted.

DELIVERY: 295-325 days **TERMS:** Net 10 or Approved Lease

Let me know if you need any additional information. I can provide you with a bid spec if you need it. I would welcome the opportunity to set up a demo to show you guys just how easy it is to use our unit. If you have any questions, please give me a call at (510)604-9970.

Sincerely,

Chad Medina

Chad Medina
Territory Account Manager

LIMITED WARRANTY

Limited Warranty. Each TRUVAC machine manufactured by VACTOR MANUFACTURING (or, "the Company") is warranted against defects in material and workmanship for a period of 12 months, provided the machine is used in a normal and reasonable manner and in accordance with all operating, maintenance and safety instructions. In addition, certain machines and components of certain machines have extended warranties as set forth below. If sold to an end user, the applicable warranty period commences from the date of delivery to the end user. If used for rental purposes, the applicable warranty period commences from the date the machine is first made available for rental by the Company or its representative. This limited warranty may be enforced by any subsequent transferee during the warranty period. This limited warranty is the sole and exclusive warranty given by the Company.

STANDARD EXTENDED WARRANTIES (Total Warranty Duration)

HXX and HXX2, Prodigy and Paradigm	10 years against stainless steel water tank leakage due to corrosion. 3 years against aluminum water tank leakage due to corrosion. Nonmetallic water tanks are covered for 5 years against any factory defect in material or workmanship.
HXX and HXX2, Prodigy and Paradigm	5 years against leakage of debris body, centrifugal compressor or fan housing due to rust-through

Exclusive Remedy. Should any warranted product fail during the warranty period, the Company will cause to be repaired or replaced, as the Company may elect, any part or parts of such machine that the Company's examination discloses to be defective in material or factory workmanship. Repairs or replacements are to be made at the selling Company's authorized dealer's or distributor's location or at other locations approved by the Company. In lieu of repair or replacement, the Company may elect, at its sole discretion, to refund the purchase price of any product deemed defective. The foregoing remedies shall be the sole and exclusive remedies of any party making a valid warranty claim.

This Limited Warranty shall not apply to (and the Company shall not be responsible for):

1. Major components or trade accessories that have a separate warranty from their original manufacturer, such as, but not limited to, trucks and truck chassis, engines, hydraulic pumps and motors, tires and batteries.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as, but not limited to, oils, fluids, vacuum hose, light bulbs, fuses and gaskets.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended or not in accordance with operating, maintenance or safety instructions provided by the Company.
5. Repairs, modifications or alterations without the express written consent of the Company, which in the Company's sole judgment, have adversely affected the machine's stability, operation or reliability as originally designed and manufactured.
6. Items subject to misuse, negligence, accident or improper maintenance.

NOTE The use in the product of any part other than parts approved by the Company may invalidate this warranty. The Company reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty. Nothing contained in this warranty shall make the Company liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

THIS WARRANTY SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND TO THE EXTENT PERMITTED, CONFERRED BY STATUTE, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY AGAINST FAILURE OF ITS ESSENTIAL PURPOSE, ALL OF WHICH ARE DISCLAIMED.

This warranty is in lieu of all other obligations or liabilities, contractual and otherwise, on the part of the Company. For the avoidance of doubt, the Company shall not be liable for any indirect, special, incidental or consequential damages, including, but not limited to, loss of use or lost profits. The Company makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine. No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties or to assume any other liability on behalf of the Company in connection with the sale, servicing or repair of any machine manufactured by the Company. Any legal action based hereon must be commenced within eighteen (18) months of the event or facts giving rise to such action.

The Company reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.



VACTOR MANUFACTURING
1621 S. Illinois Street
Streator, IL 61364

TERMS AND CONDITIONS

ORDERS: All orders are subject to acceptance by Vactor Manufacturing, Inc. or Guzzler Manufacturing, Inc. (hereafter referred to as Vactor). Orders for products not normally carried in stock or requiring special engineering or manufacturing is in every case subject to approval by Vactor's Management.

PRICES: All orders are subject to current prices in effect at the time of order acknowledgement.

F.O.B. Point: Unless otherwise stated, all prices listed are F.O.B. factory.

PAYMENT TERMS: The company's payment terms are due upon receipt, unless otherwise stated. However, until such time as Vactor receives full payment, Vactor shall maintain a purchase money security interest in the product.

CANCELLATION: Orders cannot be cancelled except upon terms that will compensate Vactor for any loss or damage sustained. Such loss will be a minimum of 10% of the purchase price.

SHIPMENT: All proposals are based on continuous and uninterrupted delivery of the order upon completion, unless specifications distinctly state otherwise. In the event that agreement is reached for Vactor to store completed items, they will be immediately invoiced to the customer and become due and payable. Storage shall be at the risk of the customer and Vactor shall be liable only for ordinary care of the property.

STORAGE CHARGES: Vactor shall charge the customer at current rates for handling and storing customer's property (e.g. truck chassis) held for more than thirty (30) days after notification of availability for shipment. All customer's property, or third party's property, that is stored by Vactor is at the customer's or other party's risk. Vactor is not liable for any loss or damage thereto caused by fire, water, corrosion, theft, negligence, or any caused beyond its reasonable control.

PERFORMANCE: Vactor shall not be liable for failure to complete the contract in accordance with its terms if failure is due to wars, strikes, fires, floods, accidents, delays in transportation or other causes beyond its reasonable control.

EXPERIMENTAL WORK: Work performed at customer's request such as sketches, drawings, design, testing, fabrication and materials shall be charged at current rates.

SKETCHES, ENGINEERING DRAWINGS, MODELS and all preparatory work created or furnished by Vactor, shall remain its exclusive property; and no use of same shall be made nor may ideas obtained therefrom be used except with the consent of and on terms acceptable to Vactor.

TAXES: Buyer's final cost shall include all applicable sales and use taxes, including all sales and use taxes attributable to

any changes made to Buyer's initial order placed hereunder or to any changes to applicable sales and use tax laws. However, Vactor Manufacturing, Inc. shall be responsible for Federal Excise Tax (F.E.T.) unless it is separately stated on the invoice and added to the selling price. If F.E.T. is not separately stated on the invoice it has not been included in the price and Vactor will pay any F.E.T. due itself and bear the cost of the tax. Any refunds or adjustments to the F.E.T. in such cases belong to Vactor.

PRODUCT IMPROVEMENTS: Vactor reserves the right to change manufacturing specifications and procedure in accordance with its product improvement policy.

MOUNTING PRICES: Mounting prices assume normally factory installation on a truck chassis suitable for the unit purchased. Relocation of batteries, fuel tanks, mufflers, air tanks, etc. will be an additional charge, billed at the standard factory labor rate.

WARRANTY: Vactor warrants its products to be free from defects in material and workmanship for a period of 12 months, subject to the limitations and conditions set forth in its current published warranty. Other than those expressly stated herein. THERE ARE NOT OTHER WARRANTIES OF ANY KIND EXPRESS OR IMPLIED, AND SPECIFICALLY EXCLUDED BUT NOT BY WAY OF LIMITATION, ARE THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY.

IT IS UNDERSTOOD AND AGREED THE VACTOR'S LIABILITY WHETHER IN CONTRACT, IN TORT, UNDER ANY WARRANTY IN NEGLIGENCE OR OTHERWISE SHALL NOT EXCEED THE RETURN OF THE AMOUNT OF THE PURCHASE PRICE PAID BY THE PURCHASER AND UNDER NO CIRCUMSTANCES SHALL VACTOR BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES. THE PRICES STATED FOR THE EQUIPMENT IS A CONSIDERATION IN LIMITING VACTOR'S LIABILITY. NO ACTION REGARDLESS OF FORM, ARISING OUT OF THE TRANSACTION OF THE AGREEMENT MAY BE BROUGHT BY PURCHASER MORE THAN ONE YEAR AFTER THE CAUSE OF ACTION HAS OCCURRED.

VACTOR'S MAXIMUM LIABILITY SHALL NOT EXCEED AND BUYER'S REMEDY IS LIMITED TO EITHER (I) REPAIR OR REPLACEMENT OF THE DEFECTIVE PART OF PRODUCT, OR AT VACTOR'S OPTION (II) RETURN OF THE PRODUCT AND REFUND OF THE PURCHASE PRICE AND SUCH REMEDY SHALL BE BUYER'S ENTIRE AND EXCLUSIVE REMEDY.

TERMS AND CONDITIONS

CHOICE OF LAW: These terms and conditions shall be construed according to the laws of the State of Illinois. Failure at anytime by Vactor to exercise any right of its rights under this agreement shall not constitute a waiver-thereof nor prejudice Vactor's right to enforce it thereafter.

COMPLETE AGREEMENT: These terms and conditions, contain the complete and final agreement between the parties hereto and no other agreement in any way modifying any of these terms and conditions will be binding on Vactor unless in writing and agreed to by an authorized representative of Vactor. All proposed terms included in Buyer's purchase order or other standard contracting documents are expressly rejected.

I agree with the above terms and conditions:

Date: _____



Investment Proposal (Quote)

RDO Equipment Co.
 2714 Vineyard Place
 Fowler CA, 93625
 Phone: (559) 834-5096 - Fax: (559) 834-5067



Proposal for:
 CALAVERAS COUNTY WATER DISTRICT
 120 TOMA CT
 SAN ANDREAS, CA, 95249
 CALAVERAS

Investment Proposal Date: 12/18/2023
 Pricing Valid Until: 1/1/2024
 Deal Number: 1728485
 Customer Account#: 6826028
 Account Manager: Sean Montgomery
 Phone:
 Fax:
 Email: smontgomery@rdoequipment.com

Comments

Pricing includes DMV, this unit is currently in stock. LP873SDT with hydraulic boom.

Equipment Information

Quantity	Serial Number Stock Number	Hours (approx.)	Status / Year / Make / Model Additional Items	Cash Price
1	7NWH19A68RK050700 X860274	0	New 2024 VERMEER LP873SDT	\$137,789.85
Equipment Subtotal:				\$137,789.85

Purchase Order Totals

Balance:	\$137,789.85
CA STATE TAX:	\$8,267.39
CA COUNTY TAX:	\$344.47
CA SPECIAL TAX:	\$1,377.90
Sales Tax Total:	\$9,989.76
PrePaid Tax License:	\$60.00
CA Tire Fee:	\$7.00
Sub Total:	\$147,846.61
Cash with Order:	\$0.00
Balance Due:	\$147,846.61

Equipment Options

Qty	Serial Number	Year / Make / Model	Description
1	7NWH19A68RK050700	2024 VERMEER LP873SDT	LPSDT3520 HYDRAULIC JACK LPSDT3602 4" HOSE AND TOOLING FOR BOOM UNITS

LP SDT VACUUM EXCAVATOR



CVS (CYCLONE 4-WAY VALVE SILENCER) FILTRATION SYSTEM. .5-micron filtration. The CVS filter housing also contains the 4-way valve for reverse pressure and an oversized silencer for quiet operation. The silencer is located inside the 28-in (71-cm) diameter cyclone.



I BEAM TRAILER. Units are built from start to finish at our factory, including the trailer which consists of a sturdy I beam construction.



SIDE HOSE AND TOOLING (SHT) STORAGE (OPTION). The new SHT package allows for 60 ft (18 m) of suction hose storage on a trailer-mounted unit. This doubles the traditional 30-ft (9-m) hose storage on all other brands.



STRONG ARM (OPTION). With 270-degree rotation, the strong arm supports the weight of the vacuum hose, and the roller head makes handling efficient by allowing smooth, fluid movements and adjustments.



HYDRAULIC BOOM (OPTION). The hydraulic boom offers a 6-way function, wireless remote with vacuum valve operation, 330-degree rotation, remote water jet for ease of cleanout, and a 5-in (13-cm) hose with quick connect to 4-in (10-cm) tooling.



FLOWMASTER (OPTION). The FlowMaster option can be used to hydraulically exercise water valves and hydrants, making sure they will work properly in times of need.

LP SDT VACUUM EXCAVATOR

DIMENSIONS - SKID	573	573 HEAVY	873	873 HEAVY	1273
Length	N/A	N/A	N/A	229 in (582 cm)	N/A
Width	N/A	N/A	N/A	99 in (251.8 cm)	N/A
Height	N/A	N/A	N/A	82 in (208.3 cm)	N/A
Empty weight	N/A	N/A	N/A	6,400 lb (2,903 kg)	N/A
DIMENSIONS - TRAILER					
Length	231 in (586.7 cm)	231 in (586.7 cm)	268.8 in (682.8 cm)	268.8 in (682.8 cm)	265 in (673 cm)
Width	92 in (234 cm)	97 in (246 cm)	92 in (234 cm)	102 in (259 cm)	102 in (259 cm)
Height	95 in (241 cm)	95 in (241 cm)	95 in (241 cm)	95 in (241 cm)	122 in (282 cm)
Empty weight	6,700 lb (3,039 kg)	6,700 lb (3,039 kg)	7,800 lb (3,538 kg)	8,000 lb (3,629 kg)	9,800 lb (3,334 kg)
GVWR	9,995 lb (4,533 kg) / 12,000 lb (5,443 kg)	14,000 lb (6,350 kg)	14,000 lb (6,350 kg)	20,000 lb (9,072 kg)	24,000 lb (10,886.2 kg)
Trailer axles	(2) 7,000 lb (3,175 kg)	(2) 7,000 lb (3,175 kg)	(2) 7,000 lb (3,175 kg)	(2) 10,000 lb (4,536 kg)	(2) 12,000 lb (5,443 kg)
ENGINE					
Make and model	Yanmar diesel Tier 4 Final	Yanmar diesel Tier 4 Final	Yanmar diesel Tier 4 Final	Yanmar diesel Tier 4 Final	Yanmar diesel Tier 4 Final
Horsepower	49 hp (36.5 kW)	49 hp (36.5 kW)	49 hp (36.5 kW)	49 hp (36.5 kW)	49 hp (36.5 kW)
Fuel tank capacity	30 gal (114 L)	30 gal (114 L)	30 gal (114 L)	30 gal (114 L)	30 gal (114 L)
Enclosure	Yes	Yes	Yes	Yes	Yes
WATER TANK					
Water tank capacity	200 gal (757 L)	300 gal (1,136 L)	200 gal (757 L)	400 gal (1,515 L)	400 gal (1,515 L)
Number of tanks	2	2	2	2	2
High pressure pump flow rate	4 gpm (15.1 L/min)	4 gpm (15.1 L/min)	4 gpm (15.1 L/min)	4 gpm (15.1 L/min)	4 gpm (15.1 L/min)
High pressure pump	3,000 psi (206.8 bar)	3,000 psi (206.8 bar)	3,000 psi (206.8 bar)	3,000 psi (206.8 bar)	3,000 psi (206.8 bar)
High pressure hose length	50 ft (15 m)	50 ft (15 m)	50 ft (15 m)	50 ft (15 m)	50 ft (15 m)
Low water shutoff	Electric	Electric	Electric	Electric	Electric
SPOIL TANK					
Spoil tank capacity	500 gal (1,892.7 L)	500 gal (1,892.7 L)	800 gal (3,028.3 L)	800 gal (3,028.3 L)	1,200 gal (4,542.5 L)
Door type	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Tank lift type	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
VACUUM					
Type of filters	.5 micron	.5 micron	.5 micron	.5 micron	.5 micron
Hose length	30 ft (9 m)	30 ft (9 m)	30 ft (9 m)	30 ft (9 m)	30 ft (9 m)
Hose width	4 in (10 cm)	4 in (10 cm)	4 in (10 cm)	4 in (10 cm)	4 in (10 cm)
Vacuum	1,000 cfm (1,699 m ³ /hr)	1,000 cfm (1,699 m ³ /hr)	1,000 cfm (1,699 m ³ /hr)	1,000 cfm (1,699 m ³ /hr)	1,000 cfm (1,699 m ³ /hr)
Vacuum blower type	PD blower	PD blower	PD blower	PD blower	PD blower
Vacuum mercury	16 in hg (.6 bar)	16 in hg (.6 bar)	16 in hg (.6 bar)	16 in hg (.6 bar)	16 in hg (.6 bar)
CONTROL PANEL					
Controls	Curbside	Curbside	Curbside	Curbside	Curbside
Gauges	Analog and digital	Analog and digital	Analog and digital	Analog and digital	Analog and digital
OPTIONS					
<ul style="list-style-type: none"> 6-way hydraulic boom with wireless remote Strong arm 	<ul style="list-style-type: none"> Recirculation kit FlowMaster 	<ul style="list-style-type: none"> SHT package Hydraulic jack 			

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Vermeer



EQUIPPED TO
DO MORE.

4d



AGENDA
ITEM

4d

Agenda Item

DATE: January 24, 2024

TO: Michael Minkler, General Manager

FROM: Mark Rincón-Ibarra, District Engineer

RE: Discussion/Direction regarding Professional Services Agreement with Landstedt Consulting for As-Needed Grant Administration Services

SUMMARY

Grants are often offered to public agencies on a competitive basis, and they provide much needed financial support for capital improvements. To effectively compete in the grant application process, the District will need support with identifying grants that are available specific to our requirements, and that have been screened for feasibility.

The District reached out to local water agencies and identified Landstedt Consulting as having provided professional services in grant administration and water planning. At the District's request, Landstedt Consulting submitted a Statement of Qualifications (SOQ) to the District. Upon review of the SOQ, the District requested a proposal from Landstedt Consulting for Grant Administration Services.

Landstedt Consulting will perform the following Grant Administration Services as directed by the District.

1. Funding Research and Reporting (bi-monthly)
2. Funding Application Assistance (as requested)
3. Grant Management for Awarded Funding (as requested)

The scope of work is based on a partnership with the District to work collaboratively to review and consider grant opportunities, provide project information to assist with matching potential funding opportunities to projects, apply for grants with high competitiveness, and manage awarded grants.

Attached is the Proposal to Perform As-Needed Grant Administration Services (Proposal) from Landstedt Consulting. The District will engage the services Landstedt Consulting on a yearly basis if services continue to be of value. The Proposal was presented to the Engineering Committee at their January 9, 2024, meeting, The Engineering Committee agreed that the Proposal should be presented to the full Board of Directors for your information.

FINANCIAL CONSIDERATIONS

Engaging the proposed services of Landstedt Consulting is within the General Manager's purchasing signatory level. The Grant Administration cost for Funding Research and Reporting will be \$21,250 for one year of reports and there is an initial (one time) report

setup and analysis (of the District's needs) of \$13,000. The cost for "as requested" services will be charged as follows: Senior Grant Administrator (Project Manager) at \$200 per hour; Grant Research Specialist (Manager) at \$175 per hour. Staff would use the optional services when warranted.

Attachment: Landstedt Consulting Proposal

December 18, 2023

Mark A. Rincón-Ibarra, PE
District Engineer
Calaveras County Water District
120 Toma Court
San Andreas, CA 95249
Email: markr@ccwd.org

**Proposal to Perform As-Needed Grant Administration Services
Calaveras County Water District**

Dear Mr. Rincón-Ibarra:

Thank you for the opportunity to submit this letter proposal to assist the Calaveras County Water District (CCWD/District) with As-Needed Grant Administration Services.

This letter proposal includes a brief understanding, approach and assumptions based on our October 19, 2023 Statement of Qualifications, and a detailed scope of work, billing rate/invoicing for a period of three years, and an estimated start date to provide grant administration services beginning in January 2024.

GRANT ASSISTANCE UNDERSTANDING

Calaveras County Water District needs Grant Administration Services including funding research and reporting, funding application assistance (grants and loans), and grant management for awarded funding for its Capital Improvement Projects and programs.

Grant acquisition and management will advance CCWD's mission to "protect, enhance, and develop Calaveras County's water resources and watersheds to provide safe, reliable, and cost-effective services..." Grant acquisition will also support CCWD's continuing vision to "...provide healthy, innovative, and resilient water resource solutions" and being "mindful stewards of our assets and resources" by securing and managing a successful portfolio of funding awards. Accordingly, the CCWD Board of Directors has requested a proactive approach to funding acquisition.

APPROACH AND ASSUMPTIONS

Landstedt Consulting (Consultant) will perform As-Needed Grant Administration Services for CCWD in partnership with Nevius Consulting. Landstedt Consulting will establish a coordinated approach between CCWD and Landstedt Consulting for the organized and timely submission of Funding Research Reports, Go/No Go Analysis, Application Preparation (as requested), and Grant Management (as requested). Successful acquisition and management of grants and loans will help CCWD maintain eligibility for future funding opportunities.

The Landstedt Consulting Team anticipates beginning grant administration services in January 2024, or whenever an agreement is executed.

SCOPE OF WORK

Consultant will perform the following Grant Administration Services for a period of three years as directed by Calaveras County Water District.

1. Funding Research and Reporting
2. Funding Application Assistance, as requested
3. Grant Management for Awarded Funding, as requested

This scope of work is based on a partnership with CCWD to work collaboratively to review and consider grant opportunities, provide project information to assist with matching potential funding opportunities to projects, apply for grants with high competitiveness, and manage awarded grants.

Grant Administration Services

Task 1: Funding Research and Reporting. Grant administration includes a solid foundation of research, tracking and reporting of grant and other funding opportunities. Grant research and reporting services will be performed in accordance with the needs of CCWD, and includes the following tasks:

- **Meetings, Data Collection, and Information.** Participate in an Initial Meeting to do the following:
 - Identify CCWD projects and programs with sufficient detail and priority to facilitate a search for funding opportunities.
 - Identify additional data needed and process for data collection.
 - Establish roles and responsibilities among the CCWD Grant Team – the District and its consultants.
 - Establish a communication protocol among the CCWD Grant Team.
 - Participate in quarterly meetings, or as scheduled, and periodic information calls with CCWD, as needed.

- **Initial Funding Research Report.** Conduct research of potential funding opportunities – grants and low-interest government loans – for identified CCWD projects and programs, or of general nature to support other potential CCWD projects and programs. Research will include communication with funding agencies, as necessary, to discuss project eligibility and to receive updated funding program information.
 - Prepare a Funding Research Report that includes the following:
 - Summary of the funding research approach with a funding summary table listing upcoming funding deadlines and other funding opportunities that should be considered further.
 - Funding matrices that include the following:
 - **CCWD Project Descriptions:** Summarized project descriptions, estimated total project cost, and estimated completion date.
 - **Projects and Potential Funding Matches.** Summary of each project and possible funding source name and due date.
 - **Current and Continuous Funding Opportunities:** Identifies the funding program and agency; funding purpose; funding amounts; cost share requirements; key dates/deadlines; and agency contact information. In addition, potential project match and funding priority (high, medium, low prospect).
 - **Funding Programs with Past Deadlines Tracked for Future Funding:** Identifies the same funding detail as the Current and Continuous Funding Opportunities.
 - **Projects with Funding Applications Submitted:** Summary of application activity by project, which will include funding agency name and program; CCWD project/program; date of submission; date of award notification or no award indicated; funding term/project completion date; amount requested; and other key information. Additional entries may be added with information provided by CCWD for applications submitted for projects outside the work of Landstedt Consulting to allow for a comprehensive tracking of grant applications and awards.
- **Bi-Monthly Reporting (Funding Research Report) and Funding Alerts.** Provide a Bi-Monthly Funding Research Report detailing the funding opportunities for each project identified, as well as other funding opportunities that may be of interest to CCWD. The Bi-Monthly Funding Research Report will be updated from the Initial Funding Report and will include available information at the time of reporting. Time sensitive opportunities will be provided through a Funding Alert email with sufficient funding detail to determine if the opportunity should be considered further.

- **Go/No Go Assessment to Apply.** The decision to apply for a new grant/funding opportunity will utilize a pre-application questionnaire as a guide in consideration of CCWD objectives and priorities, eligibility, competitiveness, funding amount per award, funding schedule compared to project timing, application content, etc. to decide whether to pursue the funding opportunity. CCWD and Landstedt Consulting will participate in the go/no go assessment. The questionnaire will be tailored to specific funding opportunities, and, may include the following (some may already be answered by means of inclusion in the Bi-Monthly Funding Research Report):
 - Is CCWD an eligible applicant?
 - Does the project meet eligible project criteria?
 - Does the project meet funding program goals and objectives?
 - Is the project consistent with the goals and objectives of CCWD's Strategic Plan, long-range capital improvement programs, or planning objectives?
 - Where applicable, has the value per acre foot of water of the project when complete been calculated?
 - Based on the total funding, the maximum per project, and how many grant awards are anticipated, will the proposed project be competitive?
 - Does the project meet pre-award cost and project criteria, including costs incurred after the allowable date, no project activities have or will begin until required environmental documentation is complete, etc.?
 - What type of projects has the funding program funded in the past?
 - Will the project be competitive based on funding program evaluation criteria?
 - Where needed to be competitive, is the project collaborative with other agencies or organizations – project partners?
 - Is there sufficient, available, and eligible cost share or match funds?
 - Is CCWD prepared to proceed with the proposed project and within the timeframe requirements of the grant program?
 - Is there sufficient time and staffing capacity to complete a high-quality application by the due date?
 - Is there time to obtain a Board-approved funding resolution, if required?
- **Project Preparation for Funding Applications.** Assist CCWD to develop key Project information to prepare for the funding opportunities where the Project would be most competitive, and to meet the grant application due date or project completion deadline set forth in the funding opportunity. Landstedt Consulting will work collaboratively with CCWD to develop/organize key Project information including, but not limited to, project scope with tasks/milestones; line-item budgets with narratives; partnerships and cost share commitments; design and environmental information;

project schedule by tasks/milestones; letters of support; plan for maintenance of constructed project; and other information.

Task 1 Deliverables:

- Initial Meeting Agenda and Supporting Documents
- Initial Funding Research Report
- Bi-Monthly Funding Research Reports
- Funding Alerts, as appropriate
- Go/No Go Assessments, as requested

Task 2: Funding Application Assistance (as requested)

The level of effort for application preparation depends significantly on both the application requirements and the amount of existing project information available. At the request of CCWD, Landstedt Consulting will provide a letter proposal for preparation of each funding application CCWD decides to pursue. Preparation of specific grant/loan applications may begin under this task up to an amount of agreement funds available outside of monthly research and reporting activities, and CCWD will approve additional costs included in the letter proposal.

Once approved by CCWD to proceed, Landstedt Consulting will implement the following approach in preparation of grant applications:

- **Understand Solicitation:** Review proposal solicitation/funding announcement and communicate requirements for preparing the grant application to CCWD.
- **Establish Core Application Team:** In collaboration with CCWD, identify the core application team including CCWD staff, Landstedt Consulting, and other CCWD consultants or partners recommended by CCWD as determined appropriate based on the grant information requirements.
- **Communication Plan:** Establish a Communication Plan for use throughout preparation of the application. The Communication Plan will include a process for meetings/conference calls, application development schedule, and communication of the Application Team, and the process for communication with the funding agency.
- **Application Outline/Framework:** Develop an outline of application content for the Application Team to follow. The application outline will be discussed with the Application Team, assignments made for preparation of information/sections/forms and develop/submit a data request to CCWD for information needed for the application that Landstedt Consulting does not already have.
- **Draft Application:** Each Application Team member will submit the needed information as assigned to Landstedt Consulting who will be responsible for developing/combining sections into a draft application for review and comment by the Application Team.

- **Final Application:** Receive and incorporate comments/edits in the application and prepare and submit a final application to the funding agency. Copies of the final application will be provided to CCWD for its files.

Note each letter proposal will provide comprehensive detail, an application schedule, and a list of deliverables.

Task 3: Grant Management (as requested)

Upon award of funding, grant management procedures are typically already identified through the Funding Application Assistance task, funding agency relationships have been established or strengthened, understanding of project implementation is already formed, which creates a smooth and easy transition into management of the grant award. At the request of CCWD, Landstedt Consulting will provide a letter proposal for management of each funding award CCWD requests.

Grant management will include assisting CCWD with negotiation and execution of the Funding Agreement with the funding agency; gain a thorough understanding of project implementation and reporting and invoicing requirements; establish a collaborative process with CCWD to meet those requirements through the term of the funding, including grant close-out procedures; and set up appropriate reporting documents, procedures, and communication protocols for progress reports and invoicing. Each letter proposal will provide comprehensive management detail, a schedule, and a list of deliverables.

CONSULTANT TEAM, RATES AND FEE SCHEDULE

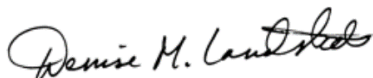
Landstedt Consulting Person/Project Role	Classification	Rate Per Hour
Denise Landstedt, Project Manager, Senior Grant Administrator	Principal	\$200
Jennifer Nevius, PE, Nevius Consulting, Grants Researcher/Manager/Specialist	Grant Consultant	\$175

Grant Services	Estimated Hours			Total Estimated Fee
	Denise Landstedt Project Manager, Senior Grant Administrator	Subconsultant: Jennifer Nevius Grant Researcher/Manager/Specialist	Total Hours	
	\$200	\$175		
Task 1: Funding Research and Reporting				
Initial Report	30	40	70	\$13,000
3-Yr Bi-Monthly Reporting	170	170	340	\$63,750
Total Hours	200	210	410	--
Total Cost	\$40,000	\$36,750	--	\$76,750
Task 2: Funding Application Preparation, As Requested	<i>As Proposed</i>	<i>As Proposed</i>	<i>As Proposed</i>	<i>As Proposed</i>
Task 3: Grant Management, As Requested	<i>As Proposed</i>	<i>As Proposed</i>	<i>As Proposed</i>	<i>As Proposed</i>

- Other direct costs such as copying, reproduction, delivery, postage, mileage (rates allowed by current IRS guidelines), will be billed at cost if incurred.
- Landstedt Consulting reserves the right to adjust its hourly rates at the beginning of the calendar year for all ongoing contracts with notification.
- Invoices submitted monthly. Each invoice will include a brief description of activities detailed by task and date; the total contract amount, current billing amount, and the balance remaining.

Thank you for the opportunity to assist CCWD with its as-needed grant administration activities. I can be reached at (760) 560-7557 or landstedtconsulting@gmail.com to discuss this proposal.

Sincerely,



Denise M. Landstedt
 Principal
 Landstedt Consulting

4th e

A G E N D A
I T E M

4th e

Agenda Item

DATE: January 24, 2024

TO: Michael Minkler, General Manager

FROM: Kevin Williams, Senior Civil Engineer

SUBJECT: Discussion/Action regarding Proposal from Crosno Construction for Rehabilitation of Jenny Lind Water Treatment Plant Clearwell #2
CIP 11083J

RECOMMENDED ACTION:

Motion: _____ / _____ adopting Resolution No. 2024 - ____ Accepting Crosno Constructions Proposal to Repair and Rehabilitate the Jenny Lind Clearwell #2 Tank.

SUMMARY:

Crosno Construction provided the District a proposal to rehabilitate the existing Clearwell #2 at the Jenny Lind Water Treatment Plant. This work includes demolition of the existing tank roof, raising the tank walls to meet seismic requirements, reconstructing of the roof and supports, installing new spiral staircase, recoating the entire tank, and installing new tank appurtenances.

Crosno Construction is currently working as the Tank Contractor for T&S Construction on the Copper Cove Clearwell and Tank B Rehabilitation Project. The scope of work for Crosno in Copperopolis is same as the proposed work to be completed at the Jenny Lind Clearwell #2. Crosno Tanks was the listed Tank Contractor on all four bids for the Copperopolis Project. According to T&S Construction, Crosno's price was substantially less than all the other Tank Contractors for that bid.

Crosno Tank provided proposal in the amount of \$641,745 for Jenny Lind Clearwell #2. The Clearwell in Jenny Lind is a smaller diameter than Clearwell in Copperopolis, but the pricing received from Crosno for Jenny Lind Clearwell is proportionally less based on the smaller size. The value of this proposal is similar to the value on the existing project that was formally bid.

The Budgeted cost for Jenny Lind Clearwell #2 in the CIP \$350,000, the budgeted cost is based on just recoating the tank. During investigation it was determined that there is not adequate freeboard in the tank, so the walls need to be raised. The roof was in poor

condition and needs to be replaced. The additional cost above the estimate can be attributed to these work efforts.

On top of the cost proposal from Crosno the Budget increase includes cost for the District to perform welding and coating inspections done by 3rd Party, purchase and install forced air system for disinfection byproduct formation reduction, reimburse bond cost and incidental cost for repairs of on tank walls/floors that maybe discovered during course of work.

FINANCIAL CONSIDERATIONS:

The FY 2023-24 budget for the Jenny Lind Clearwell #2 Project (CIP #11083J) in the Water CIP Fund (Fund 120) is \$350,000 and is funded by a transfer from the Water Capital R&R revenues (Fund 125). In order to complete this project, the project budget in the Water CIP Fund (Fund 120) must increase the project expenditures by \$500,000 to \$850,000, and an additional \$500,000 will need to be transferred from the Water Capital R&R Fund (Fund 125). There is sufficient money budgeted in this FY 23/24 to complete work required in this FY, Project Budget Adjustment will be made in FY 24/25 to cover the cost of the work effort.

Attachments: Resolution No. 2024 - ____ Accepting Crosno Constructions Proposal to Repair and Rehabilitate the (Jenny Lind Clearwell #2 Proposal

RESOLUTION NO. 2024-

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
CALAVERAS COUNTY WATER DISTRICT**

**AWARDING CONSTRUCTION CONTRACT TO CROSNO CONSTRUCTION. FOR
THE JENNY LIND WATER TREATMENT PLANT CLEARWELL #2 REHABILITATION
PROJECT (CIP 11083J)**

WHEREAS, the District received a proposal for the Jenny Lind Water Treatment Plant Clearwell #2 Rehabilitation Project from Crosno Construction in the amount of \$641,745 which includes demolition of the existing tank roof, raising the tank walls to meet seismic requirements, reconstructing of the roof and supports, installing new spiral staircase, recoating the entire tank, and installing new tank appurtenances; and

WHEREAS, the District originally budgeted \$350,000 in the 2023-24 Fiscal Year CIP Budget which only included recoating the tank; and

WHEREAS, after investigation, it was determined that additional work would need to be performed due to the poor condition of the clearwell; and

WHEREAS, additional funds in the amount of \$500,000 will need to be allocated for this project in the 2024-25 Fiscal Year CIP Budget; and

WHEREAS, Staff advises that Crosno Construction is a responsive and responsible bidder;

NOW, THEREFORE BE IT RESOLVED, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT accepts the bid and awards a contract to Crosno Construction as the responsive and responsible bidder and authorizes the General Manager to execute said contract in the amount of \$641,745 for the Jenny Lind Water Treatment Plant Clearwell #2 Rehabilitation Project, CIP # 11083J.

PASSED AND ADOPTED this the 24th day of January, 2024 by the following vote:

AYES:

NOES:

ABSTAIN:

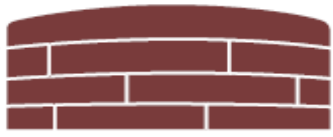
ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board



CROSNO
CONSTRUCTION INC.

819 Sheridan Rd., Arroyo Grande, CA 93420 Office: (805) 343-7437 Fax: (805) 343-1006
CA license 835288 - A, C33 & C51 / Dept. of Industrial Relations #1000006959

December 20, 2023

Kevin Williams
Calaveras County Water District
(209) 754-3184 office
Email: kevin@ccwd.org

Re: Proposal for the re-roof and rehab of the existing 55' diameter x 12' shell height Jenny Lind Clearwell #2 welded steel potable water storage tank

Includes:

- Payment of prevailing wages
- Retrofit the existing welded steel Clearwell #2 potable water storage tank including:
 - design calculations and drawings for a new Bent Plate Roof and tank appurtenances as noted herein
 - remove and dispose of the existing roof, roof appurtenances, rafters, compression ring, center column, inside ladder, outside ladder and liquid level indicator
 - 8" wide shell band to increase the shell height by 8"
 - inspect the newly installed shell ring per AWWA
 - compression ring
 - Bent Plate Roof using 1/4" thick steel plate
 - weld the new roof in place including fully seal welding the lap joints on the underside of the roof
 - seal weld the roof to compression ring on the tank interior
 - seal weld the Bent Plate Roof rafters to the center column
 - seal weld all joints on the tank interior
 - 39" square roof hatch
 - fiberglass inside ladder
 - handrail enclosure around the roof hatch area
 - tie-off cable from the handrail enclosure to the roof vent
 - four (4) new 12" diameter "J" vents evenly space around the tank roof perimeter
 - flanged mount for a forced air ventilation fan. Ventilation fan or electrical is not included.
 - conduit clips on the tank shell and roof for you to run electrical conduit for the ventilation fan
 - galvanized exterior double stringer spiral stairway with top landing. Anti-climb door or stairway enclosure is not included. Concrete landing pad at the base of the spiral stairway is not included. We recommend you install a fence enclosure around the base of the spiral stairway to limit access.
 - mechanical liquid level indicator
- Interior and exterior tank coatings. Tank surface preparation and coatings will be per the CCWD Copper Cove Phase 1 and Phase 2 Tank project we are currently working on.
- Full containment on the tank during abrasive blasting and coating
- Washdown and disinfection of the tank interior
- Two (2) year warranty
- All work will be performed in accordance with AWWA standards
- Clean up job site to condition it was in prior to us starting our work

Exclusions:

- Draining the tank and making it ready for our work
- Handling, working with or disposing of any hazardous materials
- Design calculations for sloshing wave. We are only providing design calculations as required for the shell extension, roof and appurtenances.
- Forced air ventilation vent fan. We will provide a mounting flange for you to install a ventilation fan.
- Electrical or conduit to operate the air ventilation fan
- Concrete landing pad at the base of the spiral stairway

- Anti-climb door or enclosure on the spiral stairway
- Fence enclosure at the base of the spiral stairway
- Cathodic protection system for the tank interior
- Water quality testing (Bacteria or VOC)
- Electrical, telemetry, SCADA, antenna, level sensors, level probes or floats, alarms, switches, instrumentation, intrusion switches, lighting or conduits.
- Survey (we will need quadrants marked on tank foundation)
- Supplying, furnishing or disposing of water to or from the tank for hydro test
- Hydro testing or filling tank including valve operation, tank settlement survey and draining tank
- Storm Water Permit or Storm Water Pollution Prevention Plan/Permit
- Bonds. If bonds are required they can be provided for an additional 1% of our contract amount.
- Permits, fees or city business license
- Special insurance language or Builders Risk coverage (insurance language is based upon using standard forms)
- Restoring roads or access to site due to truck and equipment traffic

Clarifications:

- Proposal is based on a tank site being accessible via conventional methods for over the road diesel tractors with 40' flat trailers.
- All weather access to and around tank site is to be provided to us so that we will have tank access in all weather conditions.
- **Crosno Construction is not a Minority, Women Owned or Disadvantaged Business Enterprise**
- **Crosno Construction is not signatory to any labor agreements. We operate our own crane and will not accept any back charge if you need to supply an operator. Our operator is our Foreman so no credit is available. Our proposal is based upon having one of our tank builders operate our crane during tank construction work.**

Schedule:

We estimate the following schedule and lead times for delivery after receipt of a fully executed contract agreement:

Shop drawings	8 weeks
Material procurement time (tank materials will be ordered when shop drawings are started and delivery time from our supplier is 10 weeks from their receipt of order)	2 additional weeks
Shop fabrication	2 weeks
Construct tank (after mobilization to site)	6 weeks
Demobilize tank crew and mobilize paint crew	1 week
Install full containment around tank for blasting/painting	1 week
Tank coatings	6 weeks
Paint cure time and install tank internal Cathodic Protection	2 weeks
Washdown and disinfection	0.14 week

Pricing:

Design, furnish, construct and paint the 1.0 MG water tank including full containment **\$641,745.00.**

Validity:

This quotation is valid for 30 days.

Should you have any questions or need any clarification please do not hesitate to contact me.

Regards,

Mitchell Scott
(805) 888-7477 mobile

4_Hf



AGENDA
ITEM

4_Hf

Agenda Item

DATE: January 24, 2024

TO: Michael Minkler, General Manager

FROM: Sam Singh, Senior Engineering Tech

RE: Discussion/Action regarding Westpoint Water Supply Project Scope of Work

RECOMMENDED ACTION:

Motion: _____ / _____ adopting Resolution No. 2024 - ____ Authorizing the General Manager to sign change orders to contract for Westpoint Water Supply Reliability Project, CIP #11106

SUMMARY:

The District has contracted with K.W. Emerson for the Westpoint Water Supply Reliability Project. The current Project, partly funded by a Proposition 1, Round 1 MAC Region IRWM grant administered by DWR and UMRWA, includes addition of second treatment filter unit extension/addition to existing building. CCWD's construction project, as currently defined, includes installation of new treatment filter unit and demolition and relocation of utilities on the footprint improved during construction. District staff recommend approval of a change order to install an extension to sump pump and demolish the existing pressure tank and utilize the building for storage purposes at a cost of \$31,096.63.

Demolition of Existing Filter Change Order

During the design phase, staff had identified some piping around the existing pressure tank to be demolished to create room for storage of additional chemicals and other materials. However, the operations staff suggested the existing filter be removed and that will allow additional equipment to be stored on site. Taking into consideration Boards recommendation from past meetings staff recommends having unutilized pressure tank removed from the building.

The contract for K.W Emerson to complete the project is two million dollars. District staff requested a quote from K.W Emerson for demolition of pressure tank, concrete posts below slab and patch concrete for supports. The quote for proposed work came in at the additional cost of \$24,064.90. This quote is likely lower than what it would cost in the future for this work as it will save on mobilization/demobilization and staff time to administer a new project from scratch.

Sump Extension Change Order

The sump for the treatment unit tends to splash during high flow conditions of a backwash which operates at the rate of three times the maximum treatment flows. To eliminate the splashing and reduce the risk of overflow during the process, it is recommended to raise the existing sump by 30 additional inches. The extension will provide support to the filter drain outlet.

The quote provided by K.W Emerson for this additional work is \$7031.73.

FINANCIAL CONSIDERATIONS:

Contract Change Order to K.W Emerson to demolish existing pressure tank and install sump extension in the amount of \$31,096.63.

*Attachments: KW Cost Proposal
Resolution 2024-__ - Authorizing the General Manager to Amend the Construction Agreement Scope to Include Demolition of Existing Filter, Westpoint Water Supply Reliability Project, Cip # 11106*



Potential Change Order #12

K.W. Emerson, Inc.

413 W. Saint Charles St.
 Mailing: P.O. Box 549
 San Andreas, CA 95249
 (209) 754-3839

Date: December 18, 2023

Owner: Calaveras County Water District

Contractor: K. W. Emerson, Inc.

Project Name: West Point Water Reliability Project

Changes to the Contract to Include:

Install sump extension per the attached sketch. Replace 3-way Asco valve with new 4-way Asco Valve per the attached.

Material and Equipment:		\$2,578.55
Labor:		\$3,536.00
Subtotal:		\$ 6,114.55
O&P: 15%		\$ 917.18
Subcontractor:		\$0.00
O&P: 5%		\$ -
Total:		\$ 7,031.73

Owner:

Company Name

Address

City, State, Zip

Date

Printed Name and Title

Signature

Contractor:

K.W. Emerson, Inc.
 K.W. Emerson, Inc.

413 W. Saint Charles Street Mailing: P.O. Box 549
 Address

San Andreas, CA 95249
 City, State, Zip

December 18, 2023
 Date:

Brandon Ludwig - Project Manager
 Printed Name and Title


 Signature



COST WORK SHEET

Potential Change Order #11

12/18/2023

PROJECT NAME:	West Point Water Reliability Project
OWNER / REP:	Calaveras County Water District
DESCRIPTION:	Install Sump extension & Install 4-way Asco valve.

LABOR

CRAFT	DESCRIPTION OF WORK	RATES PER HOUR		TOTAL
		QUANTITY	DOLLARS	
Laborer	Install sump forms, rebar, concrete & Valve	16.0	\$96.00	\$1,536.00
Foreman	Install sump forms, rebar, concrete & Valve	16.0	\$125.00	\$2,000.00
				\$0.00
				\$0.00
				\$0.00
SUBTOTAL:				\$3,536.00

MATERIALS

MATERIAL DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
Rebar, Epoxy & Forms	LS	1.0	\$300.00	\$300.00
Concrete	CYD	1.5	\$375.00	\$562.50
Concrete Pump	LS	1.0	\$700.00	\$700.00
Plumbing Parts	LS	1.0	\$50.00	\$50.00
Asco Valve	EA	1.0	\$614.05	\$614.05
SUBTOTAL:				\$2,226.55

EQUIPMENT

EQUIPMENT DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
Foreman Truck	Hr	16.0	\$22.00	\$352.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
SUBTOTAL:				\$352.00

SUBCONTRACTORS

DESCRIPTION OF WORK	UNIT	QUANTITY	UNIT PRICE	TOTAL
				\$0.00
				\$0.00
				\$0.00
SUBTOTAL:				\$0.00



PACE SUPPLY CORP
 4015 NEWTON RD
 STOCKTON CA 95205
 209-463-7593

Quote#	1874635
Quote Date	11/30/23
Page#	1

QUOTATION

K W EMERSON / CCWD WEST POINT WTR 28963-17
 ** JOB # 22-18 **
 PO BOX 549
 SAN ANDREAS CA 95249

Ship To:

Expiration Date	12/30/23	Requested By	
FOB	ORIGIN	Prepared By	Christopher Berry cberry@pacesupply.com
Online Quote	1874635	Salesperson	Colin Johansen cjohansen@pacesupply.com
Job Name	ASCO 8342G003		

WE ARE PLEASED TO QUOTE YOU ON THE FOLLOWING MATERIAL

Ln#	Part Number	Description	Price	Qty	Unit	Extended Price
1	XXX	>>> SEGMENT: 1 - ASCO 8342G003 ASCO 4-WAY SOLENOID VALVE Vend Part#: 8342G003---120/60 DIRECT ACTING; GENERAL SERVICE SOLENOID VALVE; SERIES 8342; VOLTAGE: 120/60	525.92	1	EA	525.92
						----- 525.92

Subtotal	525.92
Estimated Sales Tax	38.13
Estimated Freight	50.00
Total	614.05

Features

- Direct acting operation and high flow construction
- Direct acting, high flow slide-style valve
- Optional flow control regulates cylinder speed independently, in either direction
- Mechanical detent on dual solenoids holds last position, even after loss of electric power, pneumatics or pressure
- No Minimum Operating Pressure Differential required to shift valve
- Dual solenoid operation: solenoid may be energized momentarily (1/10 second) or continuously
- Mountable in any position

Construction

Valve Parts in Contact with Fluids		
Body	Brass	304 Stainless Steel
Seals and Discs	NBR and FKM	
Core Tube	305 Stainless Steel	
Core and Plugnut	430F Stainless Steel	
Springs	302 Stainless Steel / 17-7 PH Stainless Steel	
Shading Coil	Copper	
Sleeve	PA	
Seats	Graphite-filled PTFE	

Electrical

Standard Coil and Class of Insulation	Watt Rating and Power Consumption			Spare Coil Part Number	
	AC			General Purpose	Explosionproof
	Watts	VA Holding	VA Inrush	AC	AC
F	16.1	35	115	272610	272614
F	20.1	45	140	272610	272614

Standard Voltages: 24, 120, 240, 480 volts AC, 60 Hz. 24, 110, 115, 220, 230 volts AC, 50 Hz. Other voltages are available when required.

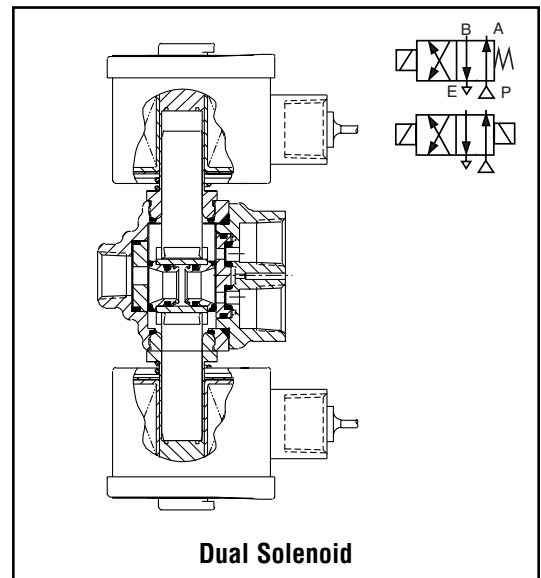
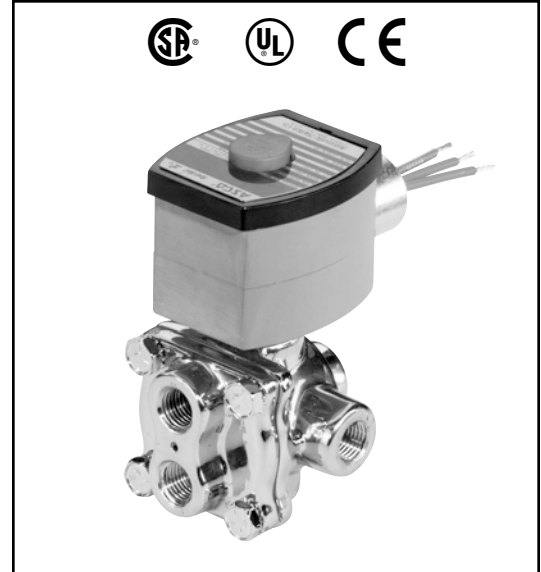
Note: No combination 120/60, 110/50 coil available. Must order either 120/60 or 110/50, etc.

Solenoid Enclosures

Standard: Watertight, Types 1, 2, 3, 3S, 4, and 4X.

Optional: Explosionproof and Watertight, Types 3, 3S, 4, 4X, 6, 6P, 7, and 9. (To order, add prefix "EF" to catalog number.)

See *Optional Features Section* for other available options.



Nominal Ambient Temp. Ranges

Standard Class F insulation: 32°F to 125°F (0°C to 52°C)
Optional Class H insulation: 32°F to 140°F (0°C to 60°C)

Refer to *Engineering Section* for details.

Approvals

CSA certified. UL listed as General Purpose Valves. Meets applicable CE directives.

Refer to *Engineering Section* for details.

Specifications (English units)

Pipe Size (in)	Orifice Size (in)	Cv Flow Factor ①	Operating Pressure Differential (psi)			Max. Fluid Temp. °F	Brass Body		Stainless Steel Body		Watt Rating/ Class of Coil Insulation
			Max. AC				Catalog Number	Const. Ref.	Catalog Number	Const. Ref.	
			Air-Inert Gas	Water	Lt. Oil @ 300 SSU	AC					AC
SINGLE SOLENOID CONSTRUCTION											
1/4	3/16	.70	125	100	100	160	8342G001	1	8342G701	2	20.1/F
3/8	3/16	.70	125	100	100	160	8342G003	1	8342G703	2	20.1/F
DUAL SOLENOID CONSTRUCTION											
1/4	3/16	.70	125	125	125	160	8342G020	3	8342G720	4	16.1/F
3/8	3/16	.70	125	125	125	160	8342G022	3	8342G722	4	16.1/F

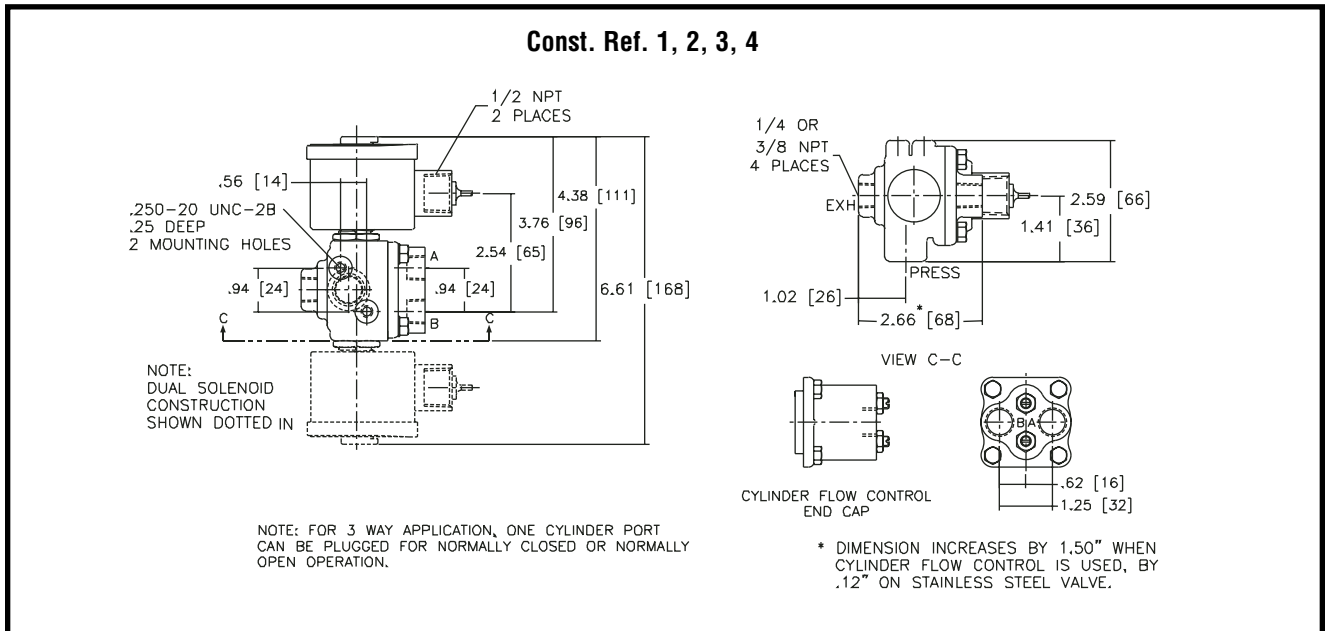
① With built-in flow control (Suffix "M"), the Cv is 0.44 and an 0.5 psi minimum operating pressure is required.

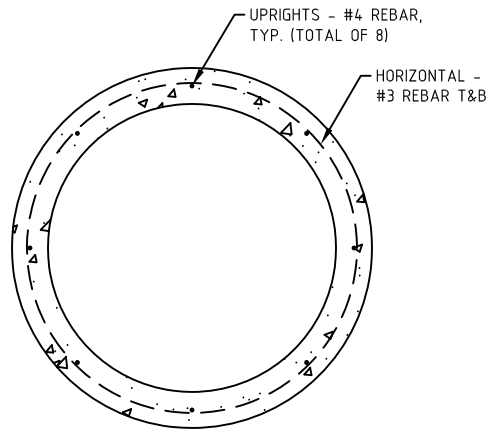
Specifications (Metric units)

Pipe Size (in)	Orifice Size (mm)	Kv Flow Factor (m3/h) ①	Operating Pressure Differential (bar)			Max. Fluid Temp. °C	Brass Body		Stainless Steel Body		Watt Rating/ Class of Coil Insulation
			Max. AC				Catalog Number	Const. Ref.	Catalog Number	Const. Ref.	
			Air-Inert Gas	Water	Lt. Oil @ 300 SSU	AC					AC
SINGLE SOLENOID CONSTRUCTION											
1/4	4.8	.60	9	7	7	71	8342G001	1	8342G701	2	20.1/F
3/8	4.8	.60	9	7	7	71	8342G003	1	8342G703	2	20.1/F
DUAL SOLENOID CONSTRUCTION											
1/4	4.8	.60	9	9	9	71	8342G020	3	8342G720	4	16.1/F
3/8	4.8	.60	9	9	9	71	8342G022	3	8342G722	4	16.1/F

① With built-in flow control (Suffix "M"), the Kv is 0.38 and an 0.03 bar minimum operating pressure is required.

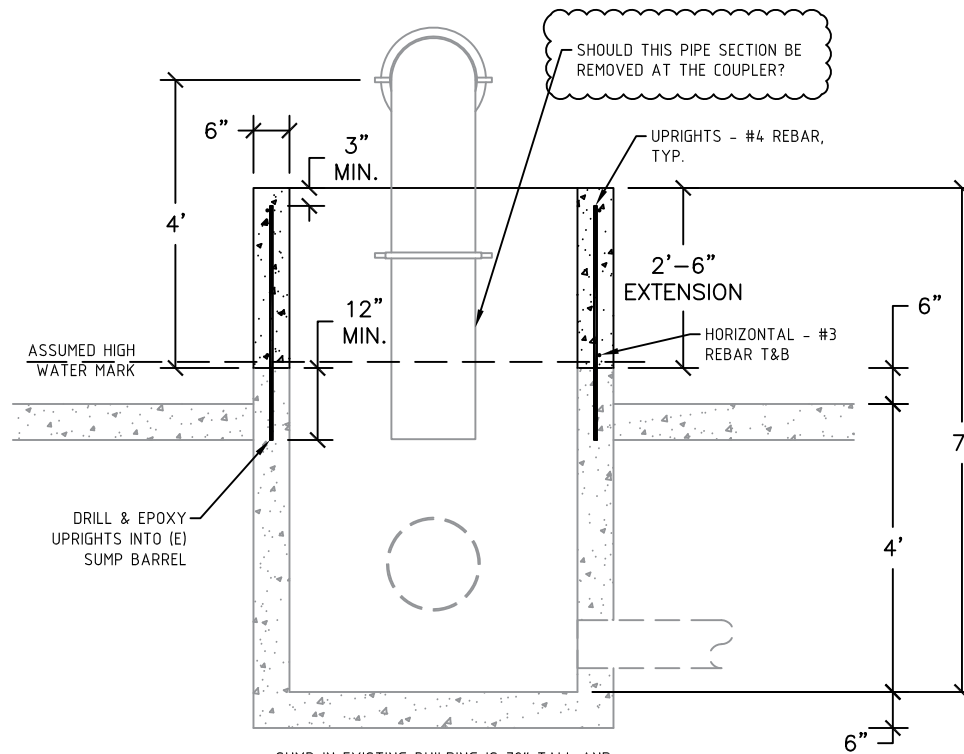
Dimensions inches (mm)





1 | PLAN VIEW

SCALE: 3/8" = 1'



* SUMP IN EXISTING BUILDING IS 79" TALL AND AT BACKWASH EXPERIENCES APPROXIMATELY 55" OF WATER.

1 | ELEVATION

SCALE: 3/8" = 1'



Potential Change Order #11

K.W. Emerson, Inc.

413 W. Saint Charles St.
 Mailing: P.O. Box 549
 San Andreas, CA 95249
 (209) 754-3839

Date: August 16, 2023

Owner: Calaveras County Water District

Contractor: K. W. Emerson, Inc.

Project Name: West Point Water Reliability Project

Changes to the Contract to Include:

Demo existing tank after completion of the new building construction.

Demo existing concrete supports below slab level.

Patch Concrete (Float level) at removed concrete supports.

Material and Equipment:	\$	6,070.00
Labor:	\$	14,856.00
Subtotal:	\$	20,926.00
O&P: 15%	\$	3,138.90
Subcontractor:	\$	-
O&P: 5%	\$	-
Total:	\$	24,064.90

Owner:

Company Name

Address

City, State, Zip

Date

Printed Name and Title

Signature

Contractor:

K.W. Emerson, Inc.

K.W. Emerson, Inc.

413 W. Saint Charles Street Mailing: P.O. Box 549

Address

San Andreas, CA 95249

City, State, Zip

August 16, 2023

Date:

Brandon Ludwig - Project Manager

Printed Name and Title

Signature



COST WORK SHEET

Potential Change Order #11

9/15/2023

PROJECT NAME:	West Point Water Reliability Project
OWNER / REP:	Calaveras County Water District
DESCRIPTION:	Demo existing tank after completion of the new building construction.

LABOR

CRAFT	DESCRIPTION OF WORK	RATES PER HOUR		TOTAL
		QUANTITY	DOLLARS	
Laborer		48.0	\$96.00	\$4,608.00
Foreman		24.0	\$125.00	\$3,000.00
Mechanic		48.0	\$117.00	\$5,616.00
Truck Driver		16.0	\$102.00	\$1,632.00
				\$0.00
SUBTOTAL:				\$14,856.00

MATERIALS

MATERIAL DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
Dump Fees	EA	4.0	\$250.00	\$1,000.00
Concrete Patch	CYD	1.0	\$350.00	\$350.00
				\$0.00
SUBTOTAL:				\$1,350.00

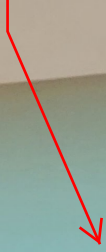
EQUIPMENT

EQUIPMENT DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
Foreman Truck	Hr	16.0	\$22.00	\$352.00
Mechanic Truck	Hr	48.0	\$45.00	\$2,160.00
10-Wheeler	Hr	16.0	\$44.00	\$704.00
CAT 308 Excavator	Hr	16.0	\$54.00	\$864.00
Gradall	Hr	16.0	\$40.00	\$640.00
				\$0.00
SUBTOTAL:				\$4,720.00

SUBCONTRACTORS

DESCRIPTION OF WORK	UNIT	QUANTITY	UNIT PRICE	TOTAL
				\$0.00
				\$0.00
				\$0.00
SUBTOTAL:				\$0.00

Demo Existing Tank



Demo existing concrete curb & float out concrete to make level.



RESOLUTION NO. 2024-

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
CALAVERAS COUNTY WATER DISTRICT**

**AUTHORIZING THE GENERAL MANAGER TO AMEND THE CONSTRUCTION
AGREEMENT SCOPE TO INCLUDE DEMOLITION OF EXISTING FILTER,
WESTPOINT WATER SUPPLY RELIABILITY PROJECT, CIP #11106**

WHEREAS, the Board passed a Resolution 2022-45 on May 11,2022 awarding the construction contract to K.W. Emerson for the Westpoint Water Supply Reliability in the original amount of \$1,852,357.00; and

WHEREAS, modifications to the original scope of work are needed to improve functionality of existing facility footprint and operation of new filter unit; and

WHEREAS, the proposed changes consist of the following:

- Installation of a sump extension and replacement of the 3-way Asco valve with a 4-way Asco valve, resulting in an additional cost of \$7,031.73.
- Demolition of the existing pressure tank and appurtenances, resulting in an additional cost of \$24,064.90.

NOW, THEREFORE BE IT RESOLVED, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT authorizes the General Manager to sign change orders for extension of sump and demolition of existing pressure tank for a combined cost of \$31,096.63;

PASSED AND ADOPTED this 24th day of January 2024 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Russ Thomas, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board