

As a matter of proper business decorum, the Board of Commissioners respectfully request that all cell phones be turned off or placed on vibrate. To prevent any potential distraction of the proceeding, we request that side conversations be taken outside the meeting room.

**REGULAR BOARD MEETING**  
**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY**  
**VICTORVILLE CITY HALL, CONFERENCE ROOM D**  
**14343 CIVIC DRIVE, VICTORVILLE CA 92392**  
**Thursday, September 18, 2025**  
**Closed Session 8:00 a.m. Open Session 8:30 a.m.**

*VVWRA is committed to protecting public health and the environment in the Victor Valley by providing effective and fiscally responsible wastewater collection, treatment, and recycling.*

**Call to Order**

**Gregg**

**Roll Call**

**Casteel**

**Public Comments- Closed Session Agenda Items**

**Gregg**

**CLOSED SESSION:** During the course of conducting the business set forth on this agenda as a regular meeting of the Board, the Chair may convene the Board in closed session to consider matters of pending real estate negotiations, pending or potential litigation, or personnel matters, pursuant to Government Code Sections 54956.8, 54956.9, 54957 or 54957.6, as noted. Reports relating to (a) purchase and sale of real property; (b) matters of pending or potential litigation; or (c) employment actions, or which are exempt from public disclosure under the California Public Records Act, may be reviewed by the Board during a permitted closed session and are not available for public inspection. At such time the Board takes final action on any of these subjects, the minutes will reflect all required disclosures of information. Closed Session is scheduled to commence at 7:30 a.m.. If the matters discussed in closed session require additional time beyond 8:00 a.m., in deference to the public, the Board may continue the Closed Session discussion after Open Session is concluded. In that case, Closed Session will resume after the Commissioners Comments section and any reportable action will be reported after the continued Closed Session has concluded and before adjournment.

**Closed Session**

**Item 1. (Government Code Section 54956.9) : Conference with Legal Counsel-Pending Litigation**

- **Angelita Valles v. VVWRA, Case No.: CIVDS1822066-Superior Court for the County of San Bernardino**

**Item 2. (Government Code Section 54957(b)(1)) : Conference with Legal Counsel-Public Employment**

- **Director of Administration**

**Item 3. (Gov. Code Sec. 54957.6/ 54954.5 (f)) Conference with Legal Counsel-Labor Negotiation**

- **The City Employees Association**

**Call to Order & Pledge of Allegiance**

**Gregg**

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**Report from Closed Session**

**Legal**

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**Public Comment (Government Code Section 54954.3)**

**Gregg**

Opportunity for members of the public to directly address the Board on items of public interest within its jurisdiction. The public may also address the Board on items being considered on this agenda. VVWRA requests that all public speakers complete a speaker's card and provide it to the Secretary. Persons desiring to submit paperwork to the Board of Commissioners shall provide a copy of any paperwork to the Board Secretary for the official record. We request that remarks be limited to five minutes or less. Pursuant to Government Code Section 54954.3, if speaker is utilizing a translator, the total allotted time will be doubled.

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**Possible Conflicts of Interest**

**Gregg**

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**Consent Calendar**

**Gregg**

All matters placed on the Consent Calendar are considered as not requiring discussion or further explanation and unless any particular item is requested to be removed from the Consent Calendar by a Commissioner, staff member or member of the public in attendance, there will be no separate discussion of these items. All items on the Consent Calendar will be enacted by one action approving all motions and casting a unanimous ballot for resolutions included on the consent calendar. All items removed from the Consent Calendar shall be considered in the regular order of business.

**Item 4. Receive, Approve and File Minutes**

**Poulsen**

- Regular Board Meeting 8/21/25

**Item 5. Receive, Approve and File August 2025 Disbursement**

- Warrant Summary Disbursements

**Board Action Required**

Staff Recommendation: Approve as presented

**Action Items**

*The Executive Leadership Team will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.*

**Item 6. Recommendation to Authorize the General Manager to Execute a Purchase with SEL Engineering Services, Inc., Sole Source Provider, for Power Monitors and Integration Services Associated with the Regional Plant MCC Modernization Project, In an Amount Not to Exceed \$379,999.00**

**Laari**

It is recommended that the Board of Commissioners authorize the General Manager

to execute a purchase order, on a sole source basis, with SEL Engineering Services, Inc. for the procurement, installation, and commissioning of electrical submeters and related integration equipment in support of the Regional Plant MCC Modernization Project, in an amount not to exceed \$379,999.00, subject to continued negotiations with SEL to further reduce project costs.

**Board Action Required**

Staff Recommendation: Approve as presented

**Item 7. General Managers Report**

**Poulsen**

Report Range	Board Meeting Date (Thursday)
1st Quarter January 2024-March 2024	May 15, 2025
2 <sup>nd</sup> Quarter April 2024-June 2024	August 21, 2025
3 <sup>rd</sup> Quarter July 2024- September 2024	November 20, 2025
4 <sup>th</sup> Quarter October 2023- December 2023	February Board 2026

**Adjournment**

**Gregg**

The board will adjourn to a regular board meeting

## **American Disabilities Act Compliance Statement**

Government Code Section 54954.2(a)



*Any request for disability-related modifications or accommodations (including auxiliary aids or services) sought to participate in the above public meeting should be directed to the VVWRA's Secretary at (760) 246-8638 at least 72 hours prior to the scheduled meeting. Requests must specify the nature of the disability and the type of accommodation requested.*

### **Agenda posting**

Government Code Section 54954.2

*This agenda has been posted in the main lobby of the Authority's Administrative offices not less than 72 hours prior to the meeting date and time above. All written materials relating to each agenda item are available for public inspection in the office of the Board Secretary.*

### **Agenda items received after posting**

Government Code Section 54957.5

*Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review at the VVWRA office located at, 20111 Shay Road, Victorville CA 92394. The materials will also be posted on the VVWRA website at [www.vvwra.com](http://www.vvwra.com).*

### **Items Not Posted**

Government Code Section 54954.2(b)

*In the event any matter not listed on this agenda is proposed to be submitted to the Board for discussion and/or action, it will be done as an emergency item or because there is a need to take immediate action, which came to the attention of the Board subsequent to the posting of the agenda, or as set forth on a supplemental agenda posted in the manner as above, not less than 72 hours prior to the meeting date.*

### **Items Continued**

Government Section 54954.2(b)(3)

*Items may be continued from this meeting without further notice to a Committee or Board meeting held within five (5) days of this meeting*

### **Meeting Adjournment**

*This meeting may be adjourned to a later time and items of business from this agenda may be considered at the later meeting by Order of Adjournment and Notice*

*VVWRA's Board Meeting packets and agendas are available for review on its website at [www.vvwra.com](http://www.vvwra.com). The website is updated on Friday preceding any regularly scheduled board meeting.*

**MINUTES OF MEETING**  
**MEETING OF THE BOARD OF COMMISSIONERS**  
**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (VWRA)**  
**August 21, 2025**

**CALL TO ORDER:** Chair Gregg called the meeting to order at 8:01 AM; in Conference Room D at Victorville City Hall, located at 14343 Civic Drive, Victorville California, with the following members present:

<b>CITY OF HESPERIA</b>	<b>Cameron Gregg, Chair</b>
<b>ORO GRANDE (CSA 42) AND SPRING VALLEY LAKE (CSA 64)</b>	<b>Dakota Higgins, Vice-Chair</b>
<b>TOWN OF APPLE VALLEY</b>	<b>Scott Nassif, Secretary</b>
<b>CITY OF VICTORVILLE</b>	<b>Debra Jones, Treasurer</b>

**VWRA Staff and Legal Counsel:**

**Darron Poulsen, General Manager**  
**Kody Tompkins, Director of Operations & Maintenance**  
**Kristi Casteel, Executive Assistant**  
**Piero Dallarda, Legal Counsel (BB&K)**  
**Robert Coromina, Director of Administration**  
**David Wylie, Safety & Communications Officer**

**Guests**

<b>Tiffany Gaudin, City of Victorville</b>	<b>Rachel Molina, City of Hesperia</b>
<b>Jenele Davidson, City of Victorville</b>	<b>Doug Robertson, Town of Apple Valley</b>
<b>Keith Metzler, City of Victorville</b>	<b>Guy Eisenbrey, Town of Apple Valley</b>
<b>Doug Matthews, City of Victorville</b>	<b>Daniel Best, City of Victorville</b>
<b>Fredy Bonilla, City of Victorville</b>	<b>Scott Webb, City of Victorville</b>
<b>Casey Brooksher, City of Hesperia</b>	<b>Gene Jones, Resident</b>

**REGULAR SESSION**

**CALL TO ORDER & PLEDGE OF ALLEGIANCE**

Chair Gregg called the meeting to order at 8:30 AM.

**PUBLIC COMMENTS- REGULAR SESSION AGENDA**

NONE

**POSSIBLE CONFLICT OF INTEREST**

NONE

**CONSENT CALENDAR:**

- 1. Receive, Approve, and File Minutes, July 17, 2025 Regular Meeting**

**2. Receive, Approve and File July 2025 Disbursement**

**Moved: Commissioner Jones**                      **Second: Commissioner Higgins**

**Approval of the Consent Calendar Items 2 and 3.**

**Chair Gregg- Yes**

**Commissioner Higgins - Yes**

**Commissioner Nassif- Yes**

**Commissioner Jones - Yes**

**Motion passed by a 4-0 roll call vote**

**ACTION ITEMS**

**4. Recommendation to Authorize the General Manager to Approve the Purchase of Ultraviolet Disinfection System Replacement Parts for \$172,507.68 from Xylem Water Solutions, Our Sole Source Provider**

The Board will consider authorization to the General Manager to approve the purchase of UV Disinfection System replacement parts from Xylem Water Solutions, our sole source provider, in the amount of \$172,507.68 (quoted amount plus applicable taxes and freight) as detailed in Exhibit 2

**Moved: Commissioner Nassif**                      **Second: Commissioner Higgins**

**Approval to authorize the General Manager to approve the purchase of UV Disinfection System replacement parts from Xylem Water Solutions, our sole source provider, in the amount of \$172,507.68 (quoted amount plus applicable taxes and freight) as detailed in Exhibit 2**

**Chair Gregg- Yes**

**Commissioner Higgins - Yes**

**Commissioner Nassif- Yes**

**Commissioner Jones - Yes**

**Motion passed by a 4-0 roll call vote**

**5. Recommendation to Adopt Resolution 2025-10 Recognition and Appreciation of Dedicated Service to Robert Coromina**

The Board will consider adoption resolution 2025-10 Recognition and Appreciation of Dedicated Service to Robert Coromina

**Moved: Commissioner Jones**                      **Second: Commissioner Higgins**

**Approval to adopt resolution 2025-10 Recognition and Appreciation of Dedicated Service to Robert Coromina**

**Chair Gregg- Yes**  
**Commissioner Higgins - Yes**  
**Commissioner Nassif- Yes**  
**Commissioner Jones – Yes**

**Motion passed by a 4-0 roll call vote**

#### **6. Recommendation to Appoint the General Manager as Real Property Negotiator**

**The Board will consider appointing the General Manager as Real Property Negotiator for the purposes of negotiating the use, lease or purchase of VVWRA real property for potential discharges to the Mojave River**

**Moved: Commissioner Higgins**

**Second: Commissioner Nassif**

**Approval to appoint the General Manager as Real Property Negotiator for the purposes of negotiating the use, lease or purchase of VVWRA real property for potential discharges to the Mojave River**

**Chair Gregg- Yes**  
**Commissioner Higgins - Yes**  
**Commissioner Nassif- Yes**  
**Commissioner Jones - Yes**

**Motion passed by a 4-0 roll call vote**

#### **CLOSED SESSION**

Piero stated that prior to going into closed session an issue needed to be addressed. Darron needs to be appointed Real Property Negotiator prior to closed session. The only way to do that is to go through the open session. Piero stated that his recommendation would be to postpone closed session until after open session. It was the consensus of the Board to postpone closed session until after 8:30 am.

**The Board met in closed session under Government Code Section 54956.8 conference with legal counsel as well as the Real Property Negotiator Darron Poulsen. There is a proposal for Use/Lease/and or Sale of VVWRA property that discharges to the Mojave River. The Board has directed Darron and Legal Counsel to continue those discussions and they will be brought back to the Board in closed session when appropriate.**

#### **ADJOURNMENT**

**APPROVAL:**

**DATE:** September 18, 2025

**BY:** \_\_\_\_\_

Approved by Scott Nassif Secretary  
VWRA Board of Commissioners



## Victor Valley Wastewater Reclamation Authority

*A Joint Powers Authority and Public Agency of the State of California*

Administrative Offices

20111 Shay Road, Victorville, CA 92394

Telephone: (760) 246-8638

Fax: (760) 948-9897

e-mail: mail@vwwra.com

**DATE:** September 18, 2025

**TO:** Darron Poulsen  
General Manager

**FROM:** Xiwei Wang  
Accounting Supervisor

**SUBJECT:** Cash Disbursements Register

### RECOMMENDED ACTION

It is recommended that the Board of Commissioners approve the cash disbursements and payroll register for the Victor Valley Wastewater Reclamation Authority.

### BACKGROUND

The Cash Disbursements Register totals represented below are for the month of AUGUST 2025, check numbers 126263-126309 and ACH's.

<i>Accounts Payable</i>			
<i>Checks</i>	<i>ACH's and EFT's</i>	<i>Payroll</i>	<i>Total</i>
<i>\$197,692.22</i>	<i>\$1,658,504.18</i>	<i>\$611,552.48</i>	<i>\$2,467,748.88</i>

Victor Valley Wastewater Reclamation Authority  
Cash Disbursement Register  
From 8/1/2025 through 8/31/2025

Vendor Name	Payment #	Date	Total
Answering 365	126263	08/07/2025	194.75
Aquatic Bioassay / Consult Inc.	126264	08/07/2025	350.00
Atmospheric Analysis And Consulting	126265	08/07/2025	945.00
Cla-Val Co.	126266	08/07/2025	2,534.79
Merrell Johnson Companies	126267	08/07/2025	25,313.20
Quill Corporation	126268	08/07/2025	489.47
United Rentals Northwest, Inc	126269	08/07/2025	4,430.15
Verizon Wireless	126270	08/07/2025	2,777.19
World Oil Environmental Services	126271	08/07/2025	201.00
Bnsf Railway Company	126272	08/14/2025	26,602.00
Harrington Industrial Plastics	126273	08/14/2025	2,641.53
Hi Desert Fire Protection Inc	126274	08/14/2025	3,106.58
Konica Minolta Business Solutions	126275	08/14/2025	357.29
Napa Victorville	126276	08/14/2025	613.39
Rain For Rent	126277	08/14/2025	2,716.40
Safety-Kleen Systems Inc.	126278	08/14/2025	1,892.62
Swains Electric Motor Service	126279	08/14/2025	11,167.50
Verizon Wireless	126280	08/14/2025	90.02
Hug Engineering, Inc.	126281	08/18/2025	33,146.59
County Of San Bernardino	126282	08/19/2025	1,510.00
Ecology Water Systems Technology, Llc	126283	08/19/2025	2,577.38
Freeus Llc	126284	08/19/2025	704.53
Geotab Usa, Inc	126285	08/19/2025	343.72
Guardian	126286	08/19/2025	670.08
Meece	126287	08/19/2025	1,500.00
Napa Victorville	126288	08/19/2025	85.90
Quill Corporation	126289	08/19/2025	444.10
Wageworks, Inc	126290	08/19/2025	170.75
Wilcox Supply Inc	126291	08/19/2025	8,412.80
Johnson Controls Fire Protection Lp	126292	08/20/2025	900.00
Answering 365	126293	08/28/2025	169.75
Apple Valley Fire Prot. Dist.	126294	08/28/2025	186.00
City Of Victorville / Utility Billing	126295	08/28/2025	23,513.17
Dell Inc.	126296	08/28/2025	11,574.26
Doane And Hartwig Water Systems, Inc	126297	08/28/2025	1,029.97
Geotab Usa, Inc	126298	08/28/2025	369.00
Golf Cars Of Riverside	126299	08/28/2025	2,491.22
Harrington Industrial Plastics	126300	08/28/2025	204.05
High Desert Lock & Safe	126301	08/28/2025	354.24
Napa Victorville	126302	08/28/2025	796.44
Nassif, Scott	126303	08/28/2025	100.00
Ponton Industries, Inc.	126304	08/28/2025	7,862.15
San Bernardino County Environmental Health	126305	08/28/2025	1,510.00
Socal Water Pro	126306	08/28/2025	2,800.00
Swains Electric Motor Service	126307	08/28/2025	4,367.44
The Woodall Group Inc.	126308	08/28/2025	144.00
Verizon Wireless	126309	08/28/2025	3,331.80
		<b>Total Checks</b>	<b>\$ 197,692.22</b>
Adt Commercial	23690	08/01/2025	\$ 598.51
American Express	23691	08/01/2025	\$ 17,619.43
Bargain Byte	23692	08/01/2025	\$ 6,263.89
Biogas Engineering	23693	08/01/2025	\$ 240.00
Broyhill Equipment Llc	23694	08/01/2025	\$ 846.42
California School Veba	23695	08/01/2025	\$ 652.35

**Victor Valley Wastewater Reclamation Authority**  
**Cash Disbursement Register**  
**From 8/1/2025 through 8/31/2025**


Vendor Name	Payment #	Date	Total
Csrma	23696	08/01/2025	\$ 428,162.20
D.K.F. Solutions Group, Llc	23697	08/01/2025	\$ 500.00
Dxp Enterprises	23698	08/01/2025	\$ 452.05
Fha Services, Inc.	23699	08/01/2025	\$ 5,768.00
Grainger	23700	08/01/2025	\$ 2,905.34
Hoch Consulting	23701	08/01/2025	\$ 6,058.75
Mcmaster-Carr Supply Co.	23702	08/01/2025	\$ 802.02
Ndk Chem, Inc.	23703	08/01/2025	\$ 28,126.15
Omega Industrial Supply Inc	23704	08/01/2025	\$ 1,174.62
Pro Automation Co.	23705	08/01/2025	\$ 7,800.00
Raymond Lopez	23706	08/01/2025	\$ 254.00
Rotary Club Of Victorville	23707	08/01/2025	\$ 566.00
Tomorrow'S Talent	23708	08/01/2025	\$ 5,000.00
Underground Service Alert Of Southern California	23709	08/01/2025	\$ 76.60
Victor Valley Wastewater Employees Assoc	23710	08/01/2025	\$ 957.00
Walters Wholesale Electric	23711	08/01/2025	\$ 199.77
Westair Gases & Equipment	23712	08/01/2025	\$ 2,030.00
American Express	23713	08/08/2025	\$ 38,164.67
Best, Best & Krieger, L.L.P.	23714	08/08/2025	\$ 86,158.94
Camfil Usa Inc.	23715	08/08/2025	\$ 433.00
Cintas Corporation	23716	08/08/2025	\$ 596.56
Culligan Water Conditioning	23717	08/08/2025	\$ 996.60
Ehs International Inc.	23718	08/08/2025	\$ 1,950.00
Fha Services, Inc.	23719	08/08/2025	\$ 13,826.00
Grainger	23720	08/08/2025	\$ 293.74
Graybar Electric Co., Inc.	23721	08/08/2025	\$ 589.63
Ingersoll Rand	23722	08/08/2025	\$ 3,007.51
Luhdorff And Scalmanini	23723	08/08/2025	\$ 2,935.00
Mcgrath Rentcorp	23724	08/08/2025	\$ 7,599.19
Mcmaster-Carr Supply Co.	23725	08/08/2025	\$ 283.36
Pro Automation Co.	23726	08/08/2025	\$ 29,914.95
Prudential Overall Supply	23727	08/08/2025	\$ 879.81
Siemens Industry Inc.	23728	08/08/2025	\$ 639.45
T-Mobile	23729	08/08/2025	\$ 116.76
U.S.A. Bluebook	23730	08/08/2025	\$ 2,650.62
Veteran Janitorial, Llc	23731	08/08/2025	\$ 3,730.00
West Coast Safety Supply	23732	08/08/2025	\$ 5,814.38
Westair Gases & Equipment	23733	08/08/2025	\$ 1,758.73
Xylem Water Solutions	23734	08/08/2025	\$ 16,635.86
A.D.S. Corp.	23735	08/15/2025	\$ 21,560.00
Applied Maintenance Supplies & Solution	23736	08/15/2025	\$ 3,177.69
Bargain Byte	23737	08/15/2025	\$ 7,200.03
Beck Oil, Inc.	23738	08/15/2025	\$ 3,803.47
Broyhill Equipment Llc	23739	08/15/2025	\$ 13,475.15
Cintas Corporation	23740	08/15/2025	\$ 704.65
Cottrell,Chase	23741	08/15/2025	\$ 1,364.00
Dudek	23742	08/15/2025	\$ 5,015.00
Fha Services, Inc.	23743	08/15/2025	\$ 9,495.00
Grainger	23744	08/15/2025	\$ 4,502.93
Graybar Electric Co., Inc.	23745	08/15/2025	\$ 1,145.92
Hach Company	23746	08/15/2025	\$ 23,517.32
Ingersoll Rand	23747	08/15/2025	\$ 3,127.36
Laari, Latif	23748	08/15/2025	\$ 370.00
Larry Walker Associates	23749	08/15/2025	\$ 294.75
Lawrence Roll Up Doors, Inc.	23750	08/15/2025	\$ 5,017.21

**Victor Valley Wastewater Reclamation Authority**  
**Cash Disbursement Register**  
**From 8/1/2025 through 8/31/2025**

Vendor Name	Payment #	Date	Total
Mcmaster-Carr Supply Co.	23751	08/15/2025	\$ 124.39
Michael'S Auto Detail	23752	08/15/2025	\$ 450.00
Ndk Chem, Inc.	23753	08/15/2025	\$ 10,341.85
Prudential Overall Supply	23754	08/15/2025	\$ 889.63
Pyramid Building & Engineering	23755	08/15/2025	\$ 26,450.70
Siemens Industry Inc.	23756	08/15/2025	\$ 2,293.54
U.S.A. Bluebook	23757	08/15/2025	\$ 33.58
Westair Gases & Equipment	23758	08/15/2025	\$ 1,109.76
Hawthorne Power Systems	23759	08/19/2025	\$ 3,507.50
Adt Commercial	23760	08/21/2025	\$ 605.49
Alliant Insurance Services	23761	08/21/2025	\$ 236.00
Applied Maintenance Supplies & Solution	23762	08/21/2025	\$ 232.68
Biogas Power Systems- Mojave, Llc	23763	08/21/2025	\$ 64,119.27
Brightview Landscape Services Inc	23764	08/21/2025	\$ 11,333.33
Cintas Corporation	23765	08/21/2025	\$ 103.32
Connor Concrete Cutting And Coring	23766	08/21/2025	\$ 1,300.00
Fha Services, Inc.	23767	08/21/2025	\$ 12,813.00
G.A. Osborne Pipe & Supply	23768	08/21/2025	\$ 1,136.23
Grainger	23769	08/21/2025	\$ 6,594.21
Mcgrath Rentcorp	23770	08/21/2025	\$ 7,599.19
Mcmaster-Carr Supply Co.	23771	08/21/2025	\$ 1,049.00
Ndk Chem, Inc.	23772	08/21/2025	\$ 11,020.57
Pro Automation Co.	23773	08/21/2025	\$ 16,469.61
Prudential Overall Supply	23774	08/21/2025	\$ 876.23
Saddleback Environmental Equipment, Inc.	23775	08/21/2025	\$ 1,500.00
Siemens Industry Inc.	23776	08/21/2025	\$ 12,746.59
U.S. Bank	23777	08/21/2025	\$ 18,299.50
U.S.A. Bluebook	23778	08/21/2025	\$ 163.73
Veteran Janitorial, Llc	23779	08/21/2025	\$ 3,730.00
2G Energy Inc.	23780	08/29/2025	\$ 8,138.07
Alertone Service, Inc	23781	08/29/2025	\$ 2,880.00
Anthony, Donna	23782	08/29/2025	\$ 250.31
Babcock Laboratories, Inc.	23783	08/29/2025	\$ 9,740.00
Beck Oil, Inc.	23784	08/29/2025	\$ 61.50
Billings, Richard	23785	08/29/2025	\$ 413.00
Biogas Power Systems- Mojave, Llc	23786	08/29/2025	\$ 64,119.27
Brenntag Pacific, Inc	23787	08/29/2025	\$ 72.61
Brightview Landscape Services Inc	23788	08/29/2025	\$ 11,333.33
Broyhill Equipment Llc	23789	08/29/2025	\$ 141,821.00
California School Veba	23790	08/29/2025	\$ 670.38
Cintas Corporation	23791	08/29/2025	\$ 745.61
Correia, Linda	23792	08/29/2025	\$ 413.00
D.K.F. Solutions Group, Llc	23793	08/29/2025	\$ 500.00
Dagnino, Roy	23794	08/29/2025	\$ 413.00
Davis, Tim	23795	08/29/2025	\$ 413.00
Fha Services, Inc.	23796	08/29/2025	\$ 7,698.14
Flint, Terrie Gossard	23797	08/29/2025	\$ 413.00
Grainger	23798	08/29/2025	\$ 2,854.35
Graybar Electric Co., Inc.	23799	08/29/2025	\$ 6,416.25
Gregg, Cameron	23800	08/29/2025	\$ 100.00
Gyurcsik, Darline	23801	08/29/2025	\$ 413.00
Higgins, Dakota	23802	08/29/2025	\$ 100.00
Hinojosa, Thomas	23803	08/29/2025	\$ 413.00
Ingersoll Rand	23804	08/29/2025	\$ 1,120.00
Jones, Debra	23805	08/29/2025	\$ 100.00

**Victor Valley Wastewater Reclamation Authority  
Cash Disbursement Register  
From 8/1/2025 through 8/31/2025**

Vendor Name	Payment #	Date	Total
Keniston, Olin	23806	08/29/2025	\$ 413.00
Laari, Latif	23807	08/29/2025	\$ 394.00
Main, Randy	23808	08/29/2025	\$ 413.00
Mcgee, Mark	23809	08/29/2025	\$ 413.00
Mcmaster-Carr Supply Co.	23810	08/29/2025	\$ 504.90
Montgomery, Lillie	23811	08/29/2025	\$ 284.25
Nalian, L. Christina	23812	08/29/2025	\$ 284.25
Nave, Patrick	23813	08/29/2025	\$ 413.00
Ndk Chem, Inc.	23814	08/29/2025	\$ 41,245.08
Pioneer Door And Service Inc.	23815	08/29/2025	\$ 5,275.63
Polydyne Inc.	23816	08/29/2025	\$ 8,304.15
Pro Automation Co.	23817	08/29/2025	\$ 12,000.00
Quinn Company	23818	08/29/2025	\$ 64.00
Santa Fe Water Systems	23819	08/29/2025	\$ 7,253.63
Siemens Industry Inc.	23820	08/29/2025	\$ 1,336.54
Tomorrow'S Talent	23821	08/29/2025	\$ 1,000.00
Underground Service Alert Of Southern California	23822	08/29/2025	\$ 56.00
Veteran Janitorial, Llc	23823	08/29/2025	\$ 1,100.00
Victor Valley Wastewater Employees Assoc	23824	08/29/2025	\$ 986.00
Waxie Sanitary Supply	23825	08/29/2025	\$ 1,166.64
Westair Gases & Equipment	23826	08/29/2025	\$ 2,236.93
Flyers Energy, Llc	DFT04983	08/08/2025	\$ 2,568.27
Konica Minolta Business Solutions	DFT04984	08/08/2025	\$ 391.50
Liberty Utilities	DFT04985	08/08/2025	\$ 133.51
Southern California Edison	DFT04986	08/08/2025	\$ 866.42
Town Of Apple Valley	DFT04987	08/08/2025	\$ 210.00
Ups	DFT04988	08/08/2025	\$ 830.69
At&T Mobility	DFT04996	08/14/2025	\$ 212.74
Southern California Edison	DFT04997	08/14/2025	\$ 79,836.39
Southern California Edison	DFT04998	08/14/2025	\$ 49,233.08
Southern California Edison	DFT04999	08/14/2025	\$ 27,579.81
Southern California Edison	DFT05000	08/14/2025	\$ 2,448.55
Southwest Gas Company	DFT05001	08/14/2025	\$ 31.68
Southwest Gas Company	DFT05002	08/14/2025	\$ 57.11
Southwest Gas Company	DFT05003	08/14/2025	\$ 59.80
Tforce Freight (Aka Ups Freight)	DFT05004	08/21/2025	\$ 876.15
Tforce Freight (Aka Ups Freight)	DFT05005	08/21/2025	\$ 3,605.90
Ups	DFT05006	08/21/2025	\$ 363.78
Southern California Edison	DFT05007	08/21/2025	\$ 22,873.74
State Water Resource Control Board	DFT05008	08/21/2025	\$ 62,642.00
<b>Total EFT's and ACH</b>			<b><u>\$ 1,658,504.18</u></b>

**Approved**  


<b>Total Checks</b>	<b>\$ 197,692.22</b>
<b>Total EFT's and ACH</b>	<b>\$ 1,658,504.18</b>
<b>Total Payroll - August 2025</b>	<b>\$ 611,552.48</b>
<b>Total</b>	<b><u>\$ 2,467,748.88</u></b>



**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Board of Commissioners Staff Report**

**TO:** VWVRA Board of Commissioners  
**FROM:** Darron Poulsen, General Manager  
**SUBMITTED BY:** Latif Laari, Environmental Compliance Manager  
**DATE:** 9/18/2025

**SUBJECT:** **RECOMMENDATION TO AUTHORIZE THE GENERAL MANAGER TO EXECUTE A PURCHASE WITH SEL ENGINEERING SERVICES, INC., THE SOLE SOURCE PROVIDER, FOR POWER MONITORS AND INTEGRATION SERVICES ASSOCIATED WITH THE REGIONAL PLANT MCC MODERNIZATION PROJECT, IN AN AMOUNT NOT TO EXCEED \$379,999.00**

<input checked="" type="checkbox"/>	<b>For Action</b>	<input checked="" type="checkbox"/>	<b>Fiscal Impact</b>	<b>\$ 379,9999.00</b>
<input type="checkbox"/>	<b>Information Only</b>	<input checked="" type="checkbox"/>	<b>Account Code: 09-02-545-9000-9999-R163</b>	
		<input checked="" type="checkbox"/>	<b>Funds Budgeted/ Approved</b>	

**STAFF RECOMMENDATION**

It is recommended that the Board of Commissioners authorize the General Manager to execute a purchase order, on a sole source basis (Exhibit 2), with SEL Engineering Services, Inc. for the procurement, installation, and commissioning of electrical submeters and related integration equipment in support of the **Regional Plant MCC Modernization Project**, in an amount not to exceed \$379,999.00 (Exhibit 1), subject to continued negotiations with SEL to further reduce project costs. This expenditure is budgeted under General Ledger Account 09-02-545-9000-9999-R163.

**PREVIOUS ACTION(S)**

None

**BACKGROUND INFORMATION**

VWVRA has conducted detailed evaluations of its electrical distribution system to identify opportunities for improved energy monitoring and management. A technical review performed by Carollo Engineers (Exhibit 3) confirmed that the Regional Plant’s largest power consumers are concentrated within the secondary treatment, solids handling, and UV disinfection processes, accounting for over 75% of overall electrical demand

Submetering these key loads will allow VVWRA to accurately track process-specific energy use, identify energy conservation measures, and validate operational improvements. This monitoring capability also positions VVWRA to capture available incentives and rebates through state and regional energy efficiency programs.

To implement this program, staff solicited and reviewed a proposal from SEL Engineering Services, Inc. (SEL ES). SEL will furnish and commission thirteen (13) SEL-735 Power Quality Meters, including custom enclosures and retrofit plates for existing switchboards and MCCs. The base project scope provides for meter design, procurement, installation support, and commissioning at critical sites across the plant. An optional component includes integration through the SEL Blueframe automation platform, providing centralized data acquisition, event recording, and long-term monitoring of energy performance.

SEL Engineering Services, Inc., is the original equipment manufacturer (OEM) of the SEL-735 power quality meters proposed for this project. Their team possesses the specialized expertise, proprietary design knowledge, and direct integration capabilities necessary to ensure proper installation, calibration, and commissioning of these devices. Engaging SEL as the sole source provider (Exhibit 2) minimizes technical risks, ensures compatibility with existing infrastructure, and guarantees long-term service support, making this the most efficient and cost-effective approach for VVWRA.

The current proposal identifies a project cost of \$320,752.00 (base scope), with an additional \$59,247.00 for Blueframe integration and training, bringing the combined potential cost to \$379,999.00

Staff is continuing negotiations with SEL to reduce costs, and the final project cost will not exceed the amount of \$379,999.00, Staff recommends approval of the base scope to ensure accurate metering of the Regional Plant's highest energy loads, with the option to include the Blueframe integration for enhanced system-wide data management.

It is recommended that the Board of Commissioners authorize the General Manager to execute a purchase order, on a sole source basis, with SEL Engineering Services, Inc. for the procurement, installation, and commissioning of electrical submeters and related integration equipment in support of the Regional Plant MCC Modernization Project, in an amount not to exceed \$379,999.00, subject to continued negotiations with SEL to further reduce project costs. This expenditure is budgeted under General Ledger Account 09-02-545-9000-9999-R163.

**Attachments:**

**Exhibit 1- SEL Proposal**

**Exhibit 2- Sole Source Letter from SEL**

**Exhibit 3- Carollo Engineering Study**

# EXHIBIT 1

# VVWRA

## *Relay Retrofit and Blueframe*

SEL ES Project #: 037145.002.00 (Rev. 0)

Submitted: 05 September 2025

### Customer: VVWRA

**Mauricio Marin**

**Victor Valley Wastewater Reclamation Authority**

Email: mmarin@vwwraca.gov

### Vendor: SEL Engineering Services, Inc.

**Ivan Reyes Pulido**

**Project Engineer III - Protection**

Office: +1.509.339.2732

Cell: +1.949.372.7237

Email: ivan\_reyes\_pulido@selinc.com

**Joseph Wei**

**Senior Engineering Manager I**

Office: +1.509.715.3864

Cell: +1.657.784.2516

Email: joseph\_wei@selinc.com

**John England**

**Project Manager**

Office: +1.949.507.1898

Cell: +1.509.334.8808

Email: john\_england@selinc.com

### Additional Sales Contacts

**Stephanie Montoya**

**Sales Representative**

**Matzinger-Keegan**

Office: +1.949.852.1006

Cell: +1.626.344.5800

This proposal is valid for 60 days. SEL Engineering Services, Inc. (SEL ES) reserves the right to withdraw this offer if mutually accepted credit terms cannot be agreed upon.

# 1 Purchase Order Instructions

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SEL Engineering Services, Inc. (SEL ES) looks forward to partnering with you on this project. In order to accept and fully execute a purchase order (PO) for the scope of services and/or equipment included in this proposal, the following is provided to support the order process.

Please address purchase order to:

SEL Engineering Services, Inc.

2350 NE Hopkins Court

Pullman, WA 99163 USA

SEL ES Project/Quote Number: 037145.002.00

**Terms and Conditions:** By signing below, the Parties agree that this proposal is governed by SEL’s standard terms and conditions located at: [www.selinc.com/company/termsandconditions](http://www.selinc.com/company/termsandconditions).

**Payment Terms:** Net 30 days after date of invoice.

If your company does not have established credit terms sufficient to cover this purchase, SEL ES reserves the right to require any of the following: credit information, prepayment, letter of credit, or progress payments prior to acceptance.

Work cannot be initiated until adequate credit terms have been established.

**PO Amount:** \_\_\_\_\_

To accept this proposal and referenced terms, please return this sheet, signed and dated.

**Customer: VVWRA**

**Vendor: SEL Engineering Services, Inc.**

Signature:

Signature:

Print Name:

Print Name:

Title:

Title:

Date:

Date:

## 2 Pricing

### 2.1 Equipment Pricing (Base Scope)

Scope Sec.	Part Number	Description	Price (USD)	Qty.	Ext. Price (USD)
3.1	NA	Equipment	\$141,267.00	1	\$141,267.00
<b>Equipment (Base) Total</b>					<b>\$141,267.00</b>

### 2.2 Equipment Pricing (Optional – Blueframe)

Scope Sec.	Part Number	Description	Price (USD)	Qty.	Ext. Price (USD)
3.2	NA	Equipment	\$18,368.00	1	\$18,368.00
<b>Equipment (Optional – Blueframe) Total</b>					<b>\$18,368.00</b>

### 2.3 Services Pricing (Base Scope)

Scope Sec.	Description	Price (USD)
3.3	Design, Settings, Installation and Commissioning Services	\$179,485.00
<b>Services (Base) Total</b>		<b>\$179,485.00</b>

### 2.4 Services Pricing (Optional – Blueframe)

Scope Sec.	Description	Price (USD)
3.3	Design, Settings, Installation and Commissioning Services	\$30,879.00
<b>Services (Optional – Blueframe) Total</b>		<b>\$30,879.00</b>

### 2.5 Services Pricing (Optional – Training)

Scope Sec.	Description	Price (USD)
3.3	Training	\$10,000.00
<b>Services (Optional – Training) Total</b>		<b>\$10,000.00</b>

## 2.6 Milestone Payment Schedule

No.	Description (Base Scope)	Payment Milestone (USD)
<b>Equipment Payment Schedule</b>		
1	Order of Equipment	\$70,633.00
2	Delivery of Equipment	\$70,634.00
<b>Services Payment Schedule</b>		
3	KOM Completion	\$30,000.00
4	Submittal of Drawing Review Package for Review	\$45,000.00
5	Submittal of Meter Settings	\$45,000.00
6	Submittal of Site Acceptance Testing plan	\$30,000.00
7	Installation/Commissioning Completion	\$29,485.00
<b>Total Project Price (Base)</b>		<b>\$320,752.00</b>

No.	Description (Optional)	Payment Milestone (USD)
<b>Equipment Payment Schedule</b>		
8	Order of Equipment	\$9,184.00
9	Delivery of Equipment	\$9,184.00
<b>Services Payment Schedule</b>		
10	Submittal of RTAC & Blueframe settings	\$15,439.00
11	Commissioning Completion	\$15,440.00
12	Training Completion	\$10,000.00
<b>Total Optional Price</b>		<b>\$59,247.00</b>
<b>Total Project Price (Base + Optional)</b>		<b>\$379,999.00</b>

All quoted prices are exclusive of any sales, value-added, or similar taxes, which will be added, if applicable, at the statutory rate(s) at the time of invoicing.

Unless indicated otherwise in this proposal, the price does not include the cost of any payment, performance, and/or warranty security instrument.

### 3 Scope Detail

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SEL Engineering Services, Inc. (SEL ES) is providing this document in response to the request for a proposal of SEL-735 Power Quality and Revenue Meters and engineering services for Victor Valley Wastewater Reclamation Authority (VWVRA) by Mauricio Marin on August 6<sup>th</sup>, 2025.

SEL ES is providing services to design, program, procure, install and commission custom SEL-735 Meter enclosures and retrofit plates to be installed in different low voltage switchboards of VWVRA electrical distribution system. In addition, SEL ES is presenting as an optional item for the deployment of the Blueframe application platform to integrate fully the SEL-735 Meters to be installed across the system. Blueframe SEL equipment, its programming and commissioning is included as part of this item.

#### 3.1 Deliverables to Customer: Equipment

SEL ES will provide the following equipment to VWVRA (“Customer”):

- One (1) SEL-735 Custom Enclosure for each one of the following sites:
  - Site #1: Admin Building
  - Site #2: MCC1
  - Site #3: MCC-G
  - Site #8 – MCC21 – Main
  - Site #11 – SWBRD-M
- One (1) SEL-735 Custom Retrofit Plate for each one of the following sites:
  - Site #4 - MSBA
  - Site #5: MSBB
  - Site #8: MCC21 FDR Blower
  - Site #9 – MSBI
  - Site #10 – MSBI-701
  - Site #12 – MCC K
  - Site #13 – SWBRD PDP

Miscellaneous equipment such as Current Transformers and Low Voltage Potential Transformers (PTs) are included. For a detailed Bill of Materials (BOM) for each site, refer to section 7 Bill of Materials.

#### 3.2 Optional item 1 - Equipment

SEL ES will provide the following equipment to VWVRA (“Customer”):

- Blueframe Equipment:
  - One (1) SEL-3355 Automation Controller
  - One (1) SEL-3505 RTAC

- One (1) SEL-CA605 Ethernet Cable
- Loose Equipment necessary to integrate all the SEL-735s into the existing customer network:
  - Two (2) SEL-3031 Serial; Radio Transceivers
  - Two (2) 3-Element, 11.1 dBi Gain Antennas
  - Two (2) Radio Surge Protector N Connectors
  - Two (2) SEL-C964-3 RG-8X TNC to N Cables (3ft)
  - Two (2) SEL-C968 LMR-400 Nmale-Nmale (20ft)
  - Two (2) SEL-C285-005 EIA 232 Cables (5ft)

### **3.3 Engineering Services (Base Scope)**

#### **3.3.1 Enclosure Design**

SEL ES will develop the following design drawings for the custom enclosures and retrofit plates:

- Enclosure layout/bill of materials drawing
- Nameplate drawings
- Panel mechanical drawing
- AC schematics
- DC schematics
- Wiring diagrams

*Note: The drawing package is to be developed only for retrofit equipment.*

#### **3.3.2 SEL-735 Meter Settings**

SEL ES will provide the following:

- Develop settings for thirteen (13) SEL-735 Meters in ACSELERATOR QuickSet® SEL-5030 Software (\*.rdb format).
- Meter label template including targets and pushbuttons

#### **3.3.3 Installation and Commissioning Support Services**

SEL ES will provide up to fourteen (14) days of onsite support by one (1) engineer and one (1) technician at the Customer's facility in Victorville, California. Support will be provided and spread over two (2) mobilizations. This includes the cost of travel and related expenses, and the use of the Omicron or DOBLE test set.

SEL ES will also provide and/or complete the following:

- Isolation, commissioning, testing, and restoration plan

- Meter Omicron or Doble test plans
- Meter Omicron or Doble test reports
- Meter Sequence of Events summary
- Meter report after energization
- As-left setting files
- Field Service Report
- Drawing point-to-point wiring check markups
- Customer-specific required training for work at Customer facility

To learn more about how SEL ES will apply safety, human performance tools, energy control processes, as well as how we will handle emergent situations, please visit Onsite Commissioning Services.

### **3.3.4 Engineering Services (Optional – Blueframe)**

SEL ES will provide the following optional services for Blueframe:

- Develop settings for one (1) SEL-3355 Automation Controller (Blueframe) to perform the following tasks:
  - Disturbance Monitoring: Automated collection of events oscillography and SOE data from the new SEL-735s.
  - Meter Monitoring: Voltage sag, swell and interruption (VSSI) and load data profile (LDP) form the new SEL-735s.
- Develop settings for one (1) SEL-3505 Real Time Automation Controller (RTAC) to collect data from SEL-735 meters.
- Develop following drawings:
  - Communications block diagram
  - Communications cable/fiber schedule
- Site Acceptance Plan including Blueframe system
- Commissioning support for up to two (2) days by one (1) Automation engineer. To be provided with the following documentation:
  - As-left RTAC and other communication settings files and documentation
  - Field Service Report

### **3.3.5 Training (Optional)**

SEL ES will provide two (2) days of training by one (1) engineer at customer location. Final agenda will be defined during the Kick Off Meeting (KOM) but the following topics are included:

- SEL-735 - Basic configuration for metering and reporting

- SEL-3505 - Configuration for data acquisition
- Blueframe – Configuration of Disturbance Monitoring and Meter Monitoring

Training will be conducted for up to ten (10) participants and customer is responsible for providing accommodations (conference room, projector, whiteboard, etc.) as well as providing lunch for all participants.

## 4 Deliverables to SEL ES

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### 4.1 Deliverables to SEL ES

The Customer will provide the following items to SEL ES:

- Drawing templates, standards, and numbers. If not supplied, then the project will use SEL ES drawing templates, standards, and numbers.
- A review and approval of the initial drawing package including panel structural drawing
- Company standard drawing border template or use SEL standard
- Block of drawing numbers or use SEL standard
- Standard CAD or MicroStation company standards document
- Standard template for each drawing type including panel layout, schematic, wiring diagram, and cable schedule.
- Determine how company handles drawing revisions/numbers/letters or use SEL standard
- Single-line diagrams, protection & control one-line diagrams, and AC/DC schematic diagrams.
- Station phasing diagram
- Power system phase sequence information
- CT ratios, connections, polarity, and rating factor
- PT ratios
- Existing switchboard drawings showing detailed dimensions
- Existing switchboard internal bus layout (for proper CTs and PTs location) including pictures.
- Customer Meter setting philosophy guidelines
- Customer outage plan per switchboard
- Primary equipment switching steps and lockout/tagout procedure with dates
- Customer example ICTR plans, if available
- Site-specific/Customer training requirements
- Required personal protective equipment
- Site point of contact information and site address

## 5 SEL ES Project Execution

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### 5.1 Schedule

SEL ES will provide a schedule after the kickoff meeting with the Customer. For more information, please visit [Schedule](#).

In the event a delay involves a demobilization and remobilization, whether the same is due to a Customer request, SEL ES will implement its Suspension, Work During Disputes, and Termination policy. To learn more, please visit the [terms of this policy](#).

SEL ES is committed to the safety of its employees and customers, and our employees practice work rules to ensure compliance with industry standard safety methods and federally mandated requirements. To learn more, please visit [SEL ES Safety Program](#).

### 5.2 Quality

SEL ES strives to design, develop, and deliver dependable, quality solutions that exceed Customer expectations. To learn more, please visit [Project Quality Plan](#).

### 5.3 Cybersecurity – Project Passwords

To maintain security during the processes of engineering, fabrication, factory tests, shipment, delivery, onsite testing, and commissioning, the electronic devices in this system are assigned project passwords. They are specific to this project and are controlled at SEL ES on a strict need-to-know basis.

As part of the final deliverables from SEL ES, the Customer will receive documentation identifying the project passwords in each of the delivered products. SEL ES recommends that the Customer change the project passwords to Customer-defined passwords upon receipt of their products.

SEL ES policy is to change passwords; however, SEL ES will follow the Customer policy regarding passwords as advised.

## 6 Clarifications and Exceptions

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SEL ES developed the scope of work, schedule, and price based on the information provided to us as listed in this proposal. Should additional or changed work be required, including such work resulting from unusual conditions or for any other reasons that are not evident from the information provided, changes to the price or schedule may result.

SEL ES will assign a project manager to the project. The project manager will oversee and maintain the schedule within SEL ES. The project manager will also be the point of contact with the Customer in order to maintain a smooth flow of information.

For safety reasons, SEL ES service personnel will not plan to work more than ten (10) hours per day. Should job requirements dictate work hours in excess of ten (10) hours per day, SEL ES and the Customer must review the requirements and agree on an appropriate plan that addresses safety concerns and the reasonableness of the hardship that the excessive hours place on SEL ES personnel.

### 6.1 Clarifications

1. For deliverable drawings, SEL ES has allowed for one (1) revision cycle based on Customer review; any additional revision cycles may result in an extra charge.
2. Panel products provided in this scope of work are not UL listed. UL listing service is available as an option.
3. BOM tables in this proposal are based on a preliminary assessment by SEL ES. The equipment part numbers may be subject to change during the design phase of this project. Any price differences due to a change in part numbers shall be billed to the Customer as per actual.
4. Equipment, materials, and accessories will be furnished, mounted, and connected as indicated on the drawings. Equipment, materials, and accessories listed by catalog number will be furnished as specified.
5. SEL ES will also provide miscellaneous nuts and screws, cable ties, ground bar, insulated ring tongue connectors, cable troughs for horizontal wiring, wire, nameplates, and any other miscellaneous material required to complete panel wiring not specifically listed on the panel front view drawings supplied by the Customer.
6. Insulated compression-type ring tongue connectors will be used for all terminations except for devices designed for direct wire terminations. A direct wire connection terminal will accommodate a maximum of two (2) wires.
7. SEL ES will provide complete factory wiring for the control panel and equipment mounted in the panel. Wire and cable will be type SIS, rating 600 Volts, 90 °C.
8. Commissioning schedule will be based on availability of staff at the time the outage dates are confirmed and locked in. Commissioning will not be scheduled on holidays, weekends, or outside standard dayshift work hours.

9. Unless otherwise stated above, the SEL ES commissioning scope of work considers testing of SEL equipment only.
10. SEL ES engineers will work under the direction of the Customer's engineer and will assist with technical issues that arise during commissioning.
11. The Customer shall provide a senior electrician, or otherwise qualified person, to assist with commissioning activities on site. This would include:
  - a. Assistance with point-to-point testing to verify correctness of wiring
  - b. Assistance with wiring corrections if any errors are encountered
12. SEL ES will prepare the commissioning plan and submit it to the Customer for review and approval. The Customer must approve the commissioning plan at least two (2) weeks in advance of SEL ES arriving at the site.
13. SAT is conducted only after the approved SAT procedures are signed by the Customer.
14. The Customer will perform all lockout/tagout (LOTO) switching, grounding operations, and will create all required switching orders and LOTO work permits.
15. SEL ES estimates an outage duration of at least four (4) hours per site for installation of primary equipment such as current transformers and/or connection of voltage signals from bus to meter terminal blocks. SEL ES assumes outage will be the same day of enclosure installation otherwise, SEL ES will need to consider additional mobilizations.
16. SEL ES considers that for all sites, available back up power (UPS 120VAC or 24VDC) will be available for powering up the enclosures/retrofit plates with exception of:
  - a. Site #1 – Admin Building

*Note: An additional UPS is included in the enclosure to provide backup power for this meter.*
17. Customer to install disconnect switch or low voltage breaker (if space available on existing switchboard) external to enclosures as disconnect means for isolation of 480V signals.
18. Customer is to provide detailed dimensions of switchboards and internal bus layout for allocation of CTs and PTs.

## 7 Bill of Materials

Table 1. SITE 1 ENCLOSURE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	ALLIED MOULDED PRODUCTS	AMR2068RT	FIBER GLASS ENCLOSURE
2	1	SEL	190-3674	CHASSIS, 7XX ENCLOSURE, ALUMINUM
3	1	SEL	915900062	SWING PANEL 7XX ENCLOSURE, ALUMINUM 7XX HORIZONTAL WITH FT-1 CUTOUT
4	1	SEL	190-2746	PLATE STIFFENER
5	1	SEL	191-0014	GROUND BAR 1" X 4.75"
6	1	SEL	735#HTK8	SEL-735 WITH MONOCHROMATIC DISPLAY
7	1	SEL	915900297	MOUNTING BRACKETS FOR 16" X 18" X 8" ENCLOSURE
8	1	SEL	2725#DNJG	SEL-2725 FIVE-PORT ETHERNET SWITCH
9	1	SEL	CA605#G6M6	SEL-CA605 ETHERNET CABLE (RJ-45 M/RJ-45 M)
10	1	ABB	774B430G18	TEST SWITCH FT1, CC CC CC PPPP BLACK COVER
11	2	EATON/BUSSMANN	FNQ-10/0FLQ010.T	FNQ FUSE AC 10A
12	2	PHOENIX CONTACT	3048386	FUSE HOLDER 1 POLE
13	1	EATON/BUSSMANN	CHCC2DU	FUSE HOLDER 2 POLES 48VDC 30A
14	2	EATON/BUSSMANN	LP-CC-6	FUSE DC 6A
15	15	PHOENIX CONTACT	3049026	TERMINAL BLOCKS 1000V 41A
16	2	PHOENIX CONTACT	3049097	END COVER
17	9	PHOENIX CONTACT	800886	END BRACKET
18	1	ELECTROINDUSTRIES	EI-SB-6TC	SIX POLE CT SHORTING BLOCK
19	1	PHOENIX CONTACT	2866598	UPS 120VAC IN - 12VDC OUTPUT, 50W
20	1	ENERSYS	XE16X	BATTERY LEAD ACID 12V 16AH
21	1	GE	3VT472-480-120F	3PHASE VOLTAGE TRANSFORMER

Table 2. SITE 2 ENCLOSURE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	ALLIED MOULDED PRODUCTS	AMR2068RT	FIBER GLASS ENCLOSURE
2	1	SEL	190-3674	CHASSIS, 7XX ENCLOSURE, ALUMINUM
3	1	SEL	915900062	SWING PANEL 7XX ENCLOSURE, ALUMINUM 7XX HORIZONTAL WITH FT-1 CUTOUT
4	1	SEL	190-2746	PLATE STIFFENER
5	1	SEL	191-0014	GROUND BAR 1" X 4.75"
6	1	SEL	915900297	MOUNTING BRACKETS FOR 16" X 18" X 8" ENCLOSURE
7	1	SEL	735#AAM6	SEL-735 WITH MONOCHROMATIC DISPLAY
8	1	ABB	774B430G18	TEST SWITCH FT1, CC CC CC PPPP BLACK COVER
19	2	EATON/BUSSMANN	FNQ-10/0FLQ010.T	FNQ FUSE AC 10A
10	2	PHOENIX CONTACT	3048386	FUSE HOLDER 1 POLE
11	15	PHOENIX CONTACT	3049026	TERMINAL BLOCKS 1000V 41A
12	2	PHOENIX CONTACT	3049097	END COVER
13	9	PHOENIX CONTACT	800886	END BRACKET
14	1	ELECTROINDUSTRIES	EI-SB-6TC	SIX POLE CT SHORTING BLOCK
15	1	GE	3VT472-480-120F	3PHASE VOLTAGE TRANSFORMER

Table 3. SITE 3 ENCLOSURE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	ALLIED MOULDED PRODUCTS	AMR2068RT	FIBER GLASS ENCLOSURE
2	1	SEL	190-3674	CHASSIS, 7XX ENCLOSURE, ALUMINUM
3	1	SEL	915900062	SWING PANEL 7XX ENCLOSURE, ALUMINUM 7XX HORIZONTAL WITH FT-1 CUTOUT
4	1	SEL	190-2746	PLATE STIFFENER
5	1	SEL	191-0014	GROUND BAR 1" X 4.75"
6	1	SEL	915900297	MOUNTING BRACKETS FOR 16" X 18" X 8" ENCLOSURE
7	1	SEL	735#AAM6	SEL-735 WITH MONOCHROMATIC DISPLAY
8	1	ABB	774B430G18	TEST SWITCH FT1, CC CC CC PPPP BLACK COVER
9	2	EATON/BUSSMANN	FNQ-10/0FLQ010.T	FNQ FUSE AC 10A
10	2	PHOENIX CONTACT	3048386	FUSE HOLDER 1 POLE
11	15	PHOENIX CONTACT	3049026	TERMINAL BLOCKS 1000V 41A
12	2	PHOENIX CONTACT	3049097	END COVER
13	9	PHOENIX CONTACT	800886	END BRACKET
14	1	ELECTROINDUSTRIES	EI-SB-6TC	SIX POLE CT SHORTING BLOCK
15	1	GE	3VT472-480-120F	3PHASE VOLTAGE TRANSFORMER

Table 4. SITE 4 PLATE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	SEL	735#JENJ	SEL-735 WITH MONOCHROMATIC DISPLAY
2	1	SEL	915900005	734 EXM RACK MOUNT KIT
3	1	ABB	774B430G18	TEST SWITCH FT1, CC CC CC PPPP BLACK COVER

Table 5. SITE 5 PLATE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	SEL	TBD	MOUNTING PLATE 18H X 20W
2	2	SEL	735#AAM6	SEL-735 WITH MONOCHROMATIC DISPLAY
3	2	ABB	774B430G18	TEST SWITCH FT1, CC CC CC PPPP BLACK COVER
4	4	EATON/BUSSMANN	FNQ-10/0FLQ010.T	FNQ FUSE AC 10A
5	4	PHOENIX CONTACT	3048386	FUSE HOLDER 1 POLE
6	30	PHOENIX CONTACT	3049026	TERMINAL BLOCKS 1000V 41A
7	4	PHOENIX CONTACT	3049097	END COVER
8	18	PHOENIX CONTACT	800886	END BRACKET
9	2	ELECTROINDUSTRIES	EI-SB-6TC	SIX POLE CT SHORTING BLOCK

Table 6. SITE 8 ENCLOSURE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	ALLIED MOULDED PRODUCTS	AMR2068RT	FIBER GLASS ENCLOSURE
2	1	SEL	190-3674	CHASSIS, 7XX ENCLOSURE, ALUMINUM
3	1	SEL	915900062	SWING PANEL 7XX ENCLOSURE, ALUMINUM 7XX HORIZONTAL WITH FT-1 CUTOUT
4	1	SEL	190-2746	PLATE STIFFENER
5	1	SEL	191-0014	GROUND BAR 1" X 4.75"
6	1	SEL	915900297	MOUNTING BRACKETS FOR 16" X 18" X 8" ENCLOSURE
7	1	SEL	735#AAM6	SEL-735 WITH MONOCHROMATIC DISPLAY
8	1	ABB	774B430G18	TEST SWITCH FT1, CC CC CC PPPP BLACK COVER
9	2	EATON/BUSSMANN	FNQ-10/0FLQ010.T	FNQ FUSE AC 10A
10	2	PHOENIX CONTACT	3048386	FUSE HOLDER 1 POLE
11	15	PHOENIX CONTACT	3049026	TERMINAL BLOCKS 1000V 41A
12	2	PHOENIX CONTACT	3049097	END COVER
13	9	PHOENIX CONTACT	800886	END BRACKET
14	1	ELECTROINDUSTRIES	EI-SB-6TC	SIX POLE CT SHORTING BLOCK
15	1	GE	3VT472-480-120F	3PHASE VOLTAGE TRANSFORMER

Table 7. SITE 8 PLATE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	SEL	TBD	MOUNTING PLATE 15H X 15W
2	1	SEL	735#CPB2	SEL-735 WITH MONOCHROMATIC DISPLAY
3	1	ABB	774B430G18	TEST SWITCH FT1, CC CC CC PPPP BLACK COVER
4	2	EATON/BUSSMANN	FNQ-10/0FLQ010.T	FNQ FUSE AC 10A
5	2	PHOENIX CONTACT	3048386	FUSE HOLDER 1 POLE
6	15	PHOENIX CONTACT	3049026	TERMINAL BLOCKS 1000V 41A
7	2	PHOENIX CONTACT	3049097	END COVER
8	9	PHOENIX CONTACT	800886	END BRACKET
9	1	ELECTROINDUSTRIES	EI-SB-6TC	SIX POLE CT SHORTING BLOCK
10	1	GE	3VT472-480-120F	3PHASE VOLTAGE TRANSFORMER

Table 8. SITE 9 PLATE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	SEL	TBD	MOUNTING PLATE 10H X 17W
2	1	SEL	735# CPB2	SEL-735 WITH MONOCHROMATIC DISPLAY
3	1	SEL	915900028	PROJECTION MOUNTING COLLAR, 45MM
4	1	ABB	774B430G18	TEST SWITCH FT1, CC CC CC PPPP BLACK COVER

Table 9. SITE 10 PLATE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	SEL	TBD	MOUNTING PLATE 10H X 7W
2	1	SEL	915900028	PROJECTION MOUNTING COLLAR, 45MM
3	1	SEL	735#CPB2	SEL-735 WITH MONOCHROMATIC DISPLAY

Table 10. SITE 11 ENCLOSURE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	ALLIED MOULDED PRODUCTS	AMR2068RT	FIBER GLASS ENCLOSURE
2	1	SEL	190-3674	CHASSIS, 7XX ENCLOSURE, ALUMINUM
3	1	SEL	915900062	SWING PANEL 7XX ENCLOSURE, ALUMINUM 7XX HORIZONTAL WITH FT-1 CUTOUT
4	1	SEL	190-2746	PLATE STIFFENER
5	1	SEL	191-0014	GROUND BAR 1" X 4.75"
6	1	SEL	915900297	MOUNTING BRACKETS FOR 16" X 18" X 8" ENCLOSURE
7	1	SEL	735#AAM6	SEL-735 WITH MONOCHROMATIC DISPLAY
8	1	ABB	774B430G18	TEST SWITCH FT1, CC CC CC PPPP BLACK COVER
9	2	EATON/BUSSMANN	FNQ-10/0FLQ010.T	FNQ FUSE AC 10A
10	2	PHOENIX CONTACT	3048386	FUSE HOLDER 1 POLE
11	15	PHOENIX CONTACT	3049026	TERMINAL BLOCKS 1000V 41A
12	2	PHOENIX CONTACT	3049097	END COVER
13	9	PHOENIX CONTACT	800886	END BRACKET
14	1	ELECTROINDUSTRIES	EI-SB-6TC	SIX POLE CT SHORTING BLOCK
15	1	GE	3VT472-480-120F	3PHASE VOLTAGE TRANSFORMER

Table 11. SITE 12 PLATE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	SEL	TBD	MOUNTING PLATE 10H X 17W
2	1	SEL	735#AAM6	SEL-735 WITH MONOCHROMATIC DISPLAY
3	1	ABB	774B430G18	TEST SWITCH FT1, CC CC CC PPPP BLACK COVER
4	2	EATON/BUSSMANN	FNQ-10/0FLQ010.T	FNQ FUSE AC 10A
5	2	PHOENIX CONTACT	3048386	FUSE HOLDER 1 POLE
6	15	PHOENIX CONTACT	3049026	TERMINAL BLOCKS 1000V 41A
7	2	PHOENIX CONTACT	3049097	END COVER
8	9	PHOENIX CONTACT	800886	END BRACKET

Table 12. SITE 13 PLATE BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	SEL	TBD	MOUNTING PLATE 10H X 7W
2	1	SEL	915900028	PROJECTION MOUNTING COLLAR, 45MM
3	1	SEL	735#CPB2	SEL-735 WITH MONOCHROMATIC DISPLAY

Table 13. LOOSE MATERIAL BOM.

Item	Qty	Manufacturer	Part/Model Number	Description
1	1	SEL	TBD	BLANK PLATE 7.5" X 4.2"
2	1	SEL	TBD	BLANK PLATE 5.5W X 4.5H
3	13	SEL	CA605#2NJNI	SEL-CA605 ETHERNET CABLE (RJ-45 M/RJ-45 M)
4	2	EATON/BUSSMANN	FNQ-10/0FLQ010.T	FNQ FUSE AC 10A
5	2	PHOENIX CONTACT	3048386	FUSE HOLDER 1 POLE
6	3	GE	3VT472-480-120F	3PHASE VOLTAGE TRANSFORMER
7	9	ACCUENERGY	AcuCT-2031-600:5	600A SPLIT CORE CURRENT TRANSFORMER
8	3	ACCUENERGY	AcuCT-4161R-1600:5A	1600A SPLIT CORE CURRENT TRANSFORMER
9	6	ACCUENERGY	AcuCT-2031-400:5	400A SPLIT CORE CURRENT TRANSFORMER
10	3	ACCUENERGY	AcuCT-4161R-3000:5A	3000/5 SPLIT CORE CURRENT TRANSFORMER FOR INCOMING SECTION
11	3	ACCUENERGY	AcuCT-4161R-1200:5A	1200/5 SPLIT CORE CURRENT TRANSFORMER FOR INCOMING SECTION
12	3	ACCUENERGY	AcuCT-4161R-2000:5A	2000/5 SPLIT CORE CURRENT TRANSFORMER FOR INCOMING SECTION

# EXHIBIT 2



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September 8, 2025

Mauricio Marin  
Technology Lead  
VWVRA  
20111 Shay Rd  
Victorville, CA 92394

Dear Mauricio,

This letter is to confirm that Schweitzer Engineering Laboratories, Inc. is the sole manufacturer of SEL products. SEL Engineering Services provides complete turnkey solution using SEL proprietary products and software to our customers including but not limited to SEL Meters, Real-Time Automation Controllers, communication products, cables, and Blueframe software.

SEL Engineering Services, Inc. is a wholly owned subsidiary of SEL Inc., and as such, has a direct relationship with SEL Inc. to supply SEL devices, equipment, and software as part of its engineering services offerings to the Victor Valley Water Reclamation Authority (VWVRA).

Furthermore, all custom retrofit plates, enclosures, and services rendered will be manufactured and provided by SEL Inc. and its subsidiary SEL Engineering Services, Inc. directly.

We appreciate the opportunity to serve and do business with your company. If you have any questions, please contact me at [john\\_england@selinc.com](mailto:john_england@selinc.com) or (949) 507-1898.

Sincerely,

A handwritten signature in cursive script that reads "John England".

John England  
Business Development

# EXHIBIT 3

# Draft

## 1.0 INTRODUCTION

Carollo Engineers, Inc., (Carollo) was tasked to review the Victor Valley Water Reclamation Authority (VWRA) Victor Valley Regional Wastewater Treatment Plant (WWTP) single-line diagrams (SLD) and conduct a site investigation to determine potential locations to add submeters for electrical power monitoring.

On January 29, 2019 Carollo met with VWRA's electrician at the WWTP site to conduct a visual inspection of existing electrical switchboards (SWBD) and motor control centers (MCC). The purpose of the site investigation was to verify the major process loads that are fed from each switchboard or MCC, existing power monitors (PM), and space to add PMs.

For a typical wastewater treatment plant, the largest energy use is in the secondary treatment process, followed by solids handling, wastewater pumping, and non-potable process water pumping. Combined these processes makeup about 75 percent of the total energy use. The WWTP tertiary treatment process, however, also includes UV disinfection, which consumes a significant percentage of the process loads. Furthermore, the WWTP is equipped with biogas generators which back feeds electricity to the Utility.

## 2.0 ELECTRICAL DISTRIBUTION

### 2.1 SCE Service Laterals

The WWTP receives power from SCE service laterals at 480-volt, 3-phase at the following five (5) locations:

- Main switchgear MSBA
- UV Disinfection Building
- Water Pump Station
- Biogas Power System
- Temporary Administration (trailer) Building

The SCE service to the main switchgear MSBA near Blower Building 1 provides power to most of the process and non-process loads through SWBD-MSBA. The SCE service lateral to the Biogas Power System provides back feed connection to the Utility while the SCE service lateral to the Temporary Administration Building is dedicated to the trailer buildings. No process loads are connected to the Biogas and Temporary Administration Building SCE service laterals. The SCE service lateral to the UV Disinfection Building is dedicated to the UV disinfection treatment process loads. The SCE service lateral to the Water Pump Station provides power to the SCLA pumps only through SWBD-M.

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## 2.2 Secondary Treatment Process Loads

The secondary treatment process loads are fed primarily from SWBD-MSB, SWBD-SBI, and MCC-21. The following summarizes the major loads associated with the secondary treatment process.

### 2.2.1 Aeration Blowers

There are two (2) 450 hp electrical aeration blowers. Blower 4 in Blower Building 1 is fed from switchboard SWBD-MSB and Pillar Blower in Blower Building 2 is fed from MCC-21. The aeration blowers are the largest secondary process loads at the VVWRA plant.

### 2.2.2 Percolation Pumps

There are two (2) 100 hp and two (2) 75 hp percolation pump motors. Each percolation pump motor is fed from switchboard SWBD-SBI.

### 2.2.3 Recycle Pumps and Anoxic Mixers

The internal recycle pumps, anoxic mixers and sample pumps are fed from MCC-J. There are four (4) 50 hp internal recycle pump motors, two (2) are fed from MCC-J2 and two (2) are fed from MCC-J3. Both MCC-J2 and MCC-J3 are fed from MCC-J.

### 2.2.4 Secondary Clarifiers, RAS pumps and WAS pumps

The Secondary Clarifiers, Return Activated Sludge (RAS) pumps, and Waste Activated Sludge (WAS) pumps are fed from the MCC Station Building which houses MCC-B, MCC-EB, MCC-EBB and MCC-B2.

## 2.3 Tertiary Treatment Process Loads

The tertiary treatment process loads are fed from SWBD-701, SWBD-M, and MCC-K. The following summarizes the major loads associated with the tertiary treatment process.

### 2.3.1 UV Disinfection

The UV Disinfection Building receives power from an SCE service lateral connected to SWBD-701 in the UV Building's electrical room. Power to the UV disinfection treatment loads are distributed from SWBD-701 to two (2) UV power distribution panels via two (2) 500 kVA transformers. The UV disinfection treatment load is the largest rated individual process load for VVWRA.

### 2.3.2 Effluent Pumps

There are two (2) 250 hp SCLA pump motors and (2) 100 hp Service Water (SW) pump motors. The SCLA pump motors are fed from switchboard SWBD-M and the Service Water pump motors are fed from MCC-K.

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## 2.4 Solids Handling

The solids treatment process loads are fed primarily for MCC-1, MCC-2, MCC-G, and MCC-F. The following summarizes the major loads associated with solids handling.

### 2.4.1 Sludge Pumps, Digesters, and Headworks

The primary sludge pumps and digester loads are fed from MCC-1 and MCC-G. MCC-1 is fed from SWBD-MSBA and MCC-G is fed from SWBD-MSB. The influent slide gates, aqua guard screening, and compactor loads are also fed from MCC-1.

There are two (2) 75 hp sludge lagoon pump motors. The sludge lagoon pump motors are fed from MCC-2 located at the Sludge Lagoon Pump Station. MCC-2 is fed from MCC-1.

### 2.4.2 Equalization Pumps

There are one (1) 50 hp and (2) 100 hp equalization (EQ) pump motors. The EQ pumps are fed from MCC-F located in the Equalization Control Building. MCC-F is fed from SWBD-MSB.

## 2.5 Non-Process Loads

The temporary administration building is fed from a dedicated switchboard. The O&M and Warehouse building is fed from SWBD-PDP-N. The abandoned administration building is fed from MCC-EC and SWBD-DSA. Other non-process loads are fed from various MCCs and panelboards connected to SWBD-MSB or are combined with panels that feed the process loads.

## 3.0 POWER MONITOR RECOMMENDATIONS

### 3.1 Power Monitor Location

The following sections discuss recommended locations to add PMs for each of the major process treatment loads and non-process loads.

#### 3.1.1 SCE Service Lateral

To effectively evaluate the energy consumption at the WWTP, power monitors should be added at each of the SWBDs fed from an SCE service lateral. The PMs at these locations provide the capability to monitor the total energy and peak power demands and provide a baseline for the process and non-process loads for future energy conservation measures.

# Draft

## **3.1.2 Secondary Process Treatment**

To monitor the energy consumption for the secondary treatment process loads, PMs should be installed at SWBD-MSB, SWBD-SBI, and MCC-21. In addition, dedicated PMs should be installed to monitor each 400 hp electrically fed blowers.

## **3.1.3 Tertiary Process Treatment**

To monitor the tertiary treatment process loads, PMs should be installed at MCC-K to monitor the Service Water Pump loads. The SCLA pumps are fed from SWBD-M. An existing PM (EATON IQ Analyzer) is installed in SWB-701, which can be used to monitor the UV disinfection process as part of the tertiary process treatment loads.

## **3.1.4 Solids Handling**

To monitor the energy for solids handling, PMs should be installed at MCC-1 and MCC-G.

## **3.1.5 Non-Process Loads**

To monitor the energy use for non-process loads at the O&M and Warehouse Building, a PM should be installed at SWBD-PDP-N. It is impractical to measure the remaining non-process loads individually or as a group, since these loads are connected to several MCCs and panelboards throughout the plant that also feed process loads.