

**LA HABRA HEIGHTS COUNTY
WATER DISTRICT**

BOARD MEETING

AUGUST 25, 2026

**AGENDA FOR REGULAR MEETING
BOARD OF DIRECTORS
LA HABRA HEIGHTS COUNTY WATER DISTRICT
August 25, 2026 @ 4:00 PM**

Members of the public may access this meeting and have the opportunity to provide comments in person, or via Teams.

**Teams Meeting
Join on your computer or mobile app**

<https://teams.microsoft.com/meet/223269090851982?p=C7ijial7q8zWCmqwFZ>

Meeting ID: 223 269 090 851 982

Passcode: hs7sy9ix

- 1. Roll call of Directors by Secretary**
- 2. Notation of staff members and others present**
- 3. Public Communications** (Comments will be limited to 3 minutes)
- 4. Directors Report – Individual, Subcommittees and/or Attended Events**
- 5. Consent Items:** It is recommended these items be acted upon simultaneously unless separate discussion or action is requested by a member of the public or a Director.
 - a. Minutes of Regular Board meeting for July 28, 2026 (approve)
 - b. Financial reports – July 2026 (approve)
- 6. Approval of warrants and authorize signatures per warrant list**
- 7. Report from Superintendent**
- 8. Report and recommendations of General Manager:**
 - a. Discuss and Approve – Advertising RFP for PFAS treatment vessels and other equipment

- b. Presentation of evaluation of Whittier Mobile Country Club property
- c. Discuss and Adopt – Resolution 26-09 Requesting Los Angeles County Board of Supervisors to adopt unchallenged candidates as Directors on La Habra Heights County Water District's Board of Directors
- d. Discuss and Adopt – Resolution 26-10 Supporting the Association of California Water Agencies Vision for our Water Future
- e. Discuss and Action – Changing start time of regular board of directors meetings

9. General Manager monthly PFAS

10. Closed Session

- a. **Conference with Real Property Negotiations (§ 54956.8)**
Property: Whittier Mobile Country Club, 10550 Dunlap Crossing Road, Whittier, CA 90606

Agency Negotiators: General Manager Joe Matthews and District Counsel Michael Silander

Negotiating Parties: La Habra Heights County Water District and Whittier Mobile Country Club

Under Negotiation: Purchase or renewed lease, including but not limited to price and terms of payment

- b. **CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION:**
Government Code Section 54956.9(d)(2)/(e)(3). One matter. Claimant : Michelle Saldivar

11. Adjournment

Any documents that are provided to the Board of Directors regarding items on this agenda less than 72 hours prior to this meeting will be available for public inspection at the front counter of the District office located at 1271 N. Hacienda Road, La Habra Heights, California 90631

MINUTES

MINUTES OF THE REGULAR BOARD MEETING
OF THE BOARD OF DIRECTORS
LA HABRA HEIGHTS COUNTY WATER DISTRICT
July 28, 2026

A regular meeting of the Board of Directors of La Habra Heights County Water District was held on July 28, 2026, at 4:11 p.m., at the office of the District, located at 1271 North Hacienda Road, La Habra Heights.

Item 1. Roll call of Directors by Secretary/General Manager, Joe Matthews.

PRESENT: Directors Baroldi, Cooke, and McVicar

ABSENT: Director Crabb and Perumean

Item 2. Staff members and others present. Staff: Joe Matthews, General Manager. Others present: Michael Silander, District Counsel, Shawn Harkness CV Strategies, Yvette Stevenson-Rodriguez Board of Directors from Orchard Dale Water District, Layne Baroldi, resident (arrived at 6:05 p.m.).

Item 3. Public Communications – No comments from those in attendance. Prior to the meeting, Mr. Stephen Blagden submitted an email commenting on item 8.d. RFP for Ion Exchange PFAS treatment vessel and item 10.a. in closed session.

Item 4. Directors Report – Individual, Subcommittees and/or Attended Events.
None

(Director Crabb entered the meeting at 4:21 p.m.)

Item 5.a. b. & c. Minutes of Regular Board meeting for June 23, 2026, Financial Reports- June 2026 and Status of Investments- June 2026. After discussion, there was a motion by Director McVicar and seconded by Director Baroldi to approve minutes with minor changes, financial reports and status of investment. The vote was as follows:

AYES: Directors Baroldi, Cooke, Crabb, and McVicar

NOES: None

ABSENT: Director Perumean

Item 6. Approval of warrants and authorized signatures per warrant list. After discussion, there was a motion made by Director McVicar and seconded by Director Baroldi that warrant numbers 48753 through 48835 in the amount of \$467,814.28 and EFT transfers in the amount of \$22,503.25 be approved and signatures be authorized. The vote was as follows:

AYES: Directors Baroldi, Cooke, Crabb, and McVicar

NOES: None

ABSENT: Director Perumean

Item 7. Report of Superintendent. The General Manager reviewed the Superintendent's Report for July 2026.

Item 8.a. Discuss and Action – Request for revisions to Legal Services Agreement between LHHCD and District Counsel Michael Silander. After discussion, there was a motion by Director McVicar and seconded by Director Baroldi to approve the revised legal service agreement with a stipulation to review agreement annually. The vote was as follows:

AYES: Directors Baroldi, Cooke, Crabb, and McVicar

NOES: None

ABSENT: Director Perumean

Item 8.b. Discuss and Approve Resolution 26-08 Designating the General Manager as the District's authorized representative for the State Water Resource Control Board Grant Funding. After discussion, there was a motion by Director McVicar and seconded by Director Baroldi to approve Resolution 26-08. The vote was as follows:

AYES: Directors Baroldi, Cooke, Crabb, and McVicar

NOES: None

ABSENT: Director Perumean

Item 8.c. Discuss and Adopt Resolution 26-09 Supporting the Association of California. After discussion, no action was taken on this item.

Item 8.d. Discuss and Approve Advertising RFP for PFAS treatment vessels and other equipment. After discussion, no action was taken on this item.

Item 9. General Manager Monthly PFAS report. The General Manager provided an update.

(Entered closed session 6:40 p.m.)

Item 10.a. Conference with Real Property Negotiations (§ 54956.8)
Property: Whittier Mobile Country Club, 10550 Dunlap Crossing Road, Whittier, CA 90606.

Agency Negotiators: General Manager Joe Matthews and District Counsel Michael Silander.

Negotiating Parties: La Habra Heights County Water District and Whittier Mobile Country Club.

Under Negotiation: Purchase or renewed lease, including but not limited to price and terms of payment. No reportable action was taken.

(Adjourned closed session at 7:05 p.m.)

Item 11. There being no further business to come before the Board, a motion was made by Director Cooke and seconded by Director McVicar that the meeting be adjourned at 7:10 p.m. The vote was as follows:

AYES: Directors Baroldi, Cooke, Crabb, and McVicar

NOES: None

ABSENT: Director Perumean

Dated: August 25, 2026

Brad Cooke, President

(SEAL)

Joe Matthews, Secretary

FINANCIAL REPORT

LA HABRA HEIGHTS COUNTY WATER DISTRICT

STATEMENTS OF NET POSITION

July 31, 2025 and July 31, 2026

	2025	2026
<u>ASSETS:</u>		
<u>Current Assets:</u>		
CASH-PETTY	300.00	300.00
CASH-CHECKING	2,180,434.74	2,354,268.51
CASH-SWEEP	92.71	97.92
INVESTMENT-LAIF	4,177,556.29	9,318,524.90
INVESTMENT-TREASURY BILLS	1,074,214.08	-
ACCOUNTS RECEIVABLE-WATER	550,973.38	575,741.34
ACCOUNTS RECEIVABLE-OTHER	373,505.49	374,158.24
TAXES RECEIVABLE	14,078.01	-
LEASE RECEIVABLE	131,188.00	131,226.00
SETTLEMENT RECEIVABLE	-	713,119.70
ACCRUED INTEREST RECEIVABLE	93,935.18	101,448.00
INVENTORY	308,955.82	315,640.70
PREPAID EXPENSES	86,471.15	92,243.22
Total Current Assets	8,991,704.85	13,976,768.53
<u>Noncurrent Assets:</u>		
<u>Capital Assets:</u>		
LAND	532,743.65	532,743.65
WATER RIGHTS	1,641,081.80	1,641,081.80
SOURCE OF SUPPLY	2,275,481.80	2,275,481.80
PUMPING PLANT	1,668,932.77	1,668,932.77
TRANSMISSION & DISTRIBUTION	28,052,424.01	28,123,672.43
GENERAL PLANT	1,666,748.78	1,754,922.90
CONSTRUCTION IN PROGRESS	433,440.27	769,232.44
Total Capital Assets	36,270,853.08	36,766,067.79
Accumulated Depreciation	(20,245,273.87)	(20,750,089.93)
Net Capital Assets	16,025,579.21	16,015,977.86
<u>Other Noncurrent Assets:</u>		
INVESTMENTS-CAL DOMESTIC WATER CO	-	-
LEASE RECEIVABLE	2,039,500.04	1,915,548.66
SETTLEMENT RECEIVABLE	1,742,712.00	(566,173.08)
Total Other Noncurrent Assets	3,782,212.04	1,349,375.58
Total Assets	28,799,496.10	31,342,121.97
 DEFERRED OUTFLOWS OF RESOURCES- Deferred amount from pension plan	 595,613.00	 441,426.00
DEFERRED OUTFLOWS OF RESOURCES- Deferred amount from OPEB	472,335.00	457,834.92
Total Deferred Outflows of Resources	1,067,948.00	899,260.92

LA HABRA HEIGHTS COUNTY WATER DISTRICT

STATEMENTS OF NET POSITION

July 31, 2025 and July 31, 2026

	2025	2026
LIABILITIES		
<u>Current Liabilities:</u>		
ACCOUNTS PAYABLE	706,603.76	761,848.15
DEPOSITS-CUSTOMERS	4,500.00	-
DEPOSITS-CONSTRUCTION	5,000.00	252,639.53
ACCRUED EMPLOYEE BENEFITS	218,320.83	239,963.29
NET OPEB OBLIGATION	1,450,712.00	1,237,286.00
NET PENSION LIABILITY	1,407,148.00	1,080,333.00
Total Current Liabilities	<u>3,792,284.59</u>	<u>3,572,069.97</u>
 Total Liabilities	 <u>3,792,284.59</u>	 <u>3,572,069.97</u>
 DEFERRED INFLOWS OF RESOURCES- Deferred amounts from pension plan	 140,658.00	 292,013.00
DEFERRED INFLOWS OF RESOURCES- Deferred amounts from OPEB	782,327.00	907,246.00
DEFERRED INFLOWS OF RESOURCES- Deferred amounts from Leases	<u>2,163,350.89</u>	<u>2,041,490.41</u>
Total Deferred Inflows of Resources	<u>3,086,335.89</u>	<u>3,240,749.41</u>
 <u>Net Position:</u>		
INVESTED IN CAPITAL ASSETS, NET RELATED DEBT	16,025,579.21	16,015,977.86
UNRESTRICTED	6,963,244.41	9,412,585.65
RESTRICTED	-	-
Total Net Position	<u><u>22,988,823.62</u></u>	<u><u>25,428,563.51</u></u>

LA HABRA HEIGHTS COUNTY WATER DISTRICT
STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
For One Month Ending July 31, 2025 and July 31, 2026

	Last Year Current Month Actual	Current Month Actual	Last Year YTD Actual	Current YTD Actual	Current Budget	Actual 7/31/2026 % of budget 2026/27
Operating Revenue:	7/31/2025	7/31/2026	7/31/2025	7/31/2026	2026/27	8%
	568,447.28	596,861.18	568,447.28	596,861.18	6,445,156.00	9%
Operating Expenses:						
Source of Supply	226,605.84	223,548.96	226,605.84	223,548.96	2,314,058.00	10%
Pumping	57,757.76	12,409.62	57,757.76	12,409.62	149,641.00	8%
Treatment	5,933.86	9,146.49	5,933.86	9,146.49	86,207.00	11%
Transmission & Distribution	34,001.27	68,954.79	34,001.27	68,954.79	770,502.00	9%
Customer Accounts	14,302.16	31,005.68	14,302.16	31,005.68	248,430.00	13%
Administrative and General	304,152.44	303,116.48	304,152.44	303,116.48	2,286,375.00	13%
Capital Improvements	154,511.75	158,292.17	154,511.75	158,292.17	1,899,506.00	8%
Other	11,547.27	12,102.49	11,547.27	12,102.49	103,328.00	12%
TOTAL OPERATING EXPENSES	808,812.35	818,576.68	808,812.35	818,576.68	7,858,047.00	10%
OPERATING INCOME (LOSS)	(240,365.07)	(221,715.50)	(240,365.07)	(221,715.50)	(1,412,891.00)	16%
Non-Operating Revenues	35,799.02	43,573.33	35,799.02	43,573.33	1,478,579.00	3%
Non-Operating Expenses	800.00	-	800.00	-	28,014.00	0%
NET NON-OPERATING REVENUES (EXPENSES)	34,999.02	43,573.33	34,999.02	43,573.33	1,450,565.00	3%
NET INCOME (LOSS) BEFORE CAPITAL CONTRIBUTIONS	(205,366.05)	(178,142.17)	(205,366.05)	(178,142.17)	37,674.00	-473%
SYSTEM BUY IN FEE			-	-		
CAPITAL CONTRIBUTIONS			-	-		
NET INCOME (LOSS) IN NET POSITION			(205,366.05)	(178,142.17)		
NET POSITION-BEGINNING OF YEAR			23,194,189.67	25,606,705.68		
NET POSITION-END OF PERIOD			22,988,823.62	25,428,563.51		

LA HABRA HEIGHTS COUNTY WATER DISTRICT

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

For One Month Ending July 31, 2025 and July 31, 2026

	Last Year Current Month Actual 7/31/2025	Current Month Actual 7/31/2026	Last Year YTD Actual 7/31/2025	Current YTD Actual 7/31/2026	Current Budget 2026/27	Actual 7/31/2026 % of budget 2026/27 8%
OPERATING REVENUES						
SALES-WATER	335,756.56	348,833.51	335,756.56	348,833.51	3,459,373.00	10%
SALES-READINESS TO SERVE	228,746.96	245,587.76	228,746.96	245,587.76	2,911,051.00	8%
SALES-MISCELLANEOUS	3,943.76	2,439.91	3,943.76	2,439.91	40,409.00	6%
LEASE-WATER RIGHTS	-	-	-	-	34,323.00	0%
TOTAL OPERATING REVENUES	568,447.28	596,861.18	568,447.28	596,861.18	6,445,156.00	9%
OPERATING EXPENSES						
PURCHASED WATER	5,861.30	3,434.11	5,861.30	3,434.11	292,501.00	1%
GROUND WATER REPLENISHMENT ASSMT	126,856.68	127,778.30	126,856.68	127,778.30	1,149,072.00	11%
POWER	93,887.86	92,336.55	93,887.86	92,336.55	872,485.00	11%
TOTAL SOURCE OF SUPPLY	226,605.84	223,548.96	226,605.84	223,548.96	2,314,058.00	10%
 LABOR-PUMPING	 4,303.38	 3,344.08	 4,303.38	 3,344.08	 69,437.00	 5%
MAINTENANCE-PUMPING	53,454.38	9,065.54	53,454.38	9,065.54	80,204.00	11%
TOTAL PUMPING	57,757.76	12,409.62	57,757.76	12,409.62	149,641.00	8%
 MAINT & LABOR-TREATMENT	 5,933.86	 9,146.49	 5,933.86	 9,146.49	 86,207.00	 11%
TOTAL TREATMENT	5,933.86	9,146.49	5,933.86	9,146.49	86,207.00	11%
 LABOR-TRANS & DISTRIBUTION	 18,990.51	 22,859.25	 18,990.51	 22,859.25	 297,973.00	 8%
MAINT-TRANS & DISTRIBUTION	1,433.76	33,774.43	1,433.76	33,774.43	283,369.00	12%
JOINT FACILITIES-WELL,LM CONDUIT&RES	32,586.75	35,272.87	32,586.75	35,272.87	397,565.00	9%
ORCHARD DALE PORTION	(19,009.75)	(22,951.76)	(19,009.75)	(22,951.76)	(208,405.00)	11%
TOTAL TRANSMISSION&DISTRIBUTION	34,001.27	68,954.79	34,001.27	68,954.79	770,502.00	9%
 LABOR&MAINT-CUSTOMER ACCOUNTS	 14,302.16	 31,005.68	 14,302.16	 31,005.68	 243,403.00	 13%
UNCOLLECTIBLE ACCOUNTS	-	-	-	-	5,027.00	0%
TOTAL CUSTOMER ACCOUNTS	14,302.16	31,005.68	14,302.16	31,005.68	248,430.00	13%
TOTAL OTHER OPERATING EXPENSES	111,995.05	121,516.58	111,995.05	121,516.58	1,254,780.00	10%
TOTAL SOURCE OF SUPPLY & OPERATING EXPENSES	338,600.89	345,065.54	338,600.89	345,065.54	3,568,838.00	10%
 ADMINISTRATIVE & GENERAL EXPENSES						
LABOR-FIELD-SICK,VAC,HOLIDAY	8,380.56	4,439.50	8,380.56	4,439.50	90,336.00	5%
WAGES-MANAGEMENT	6,951.20	9,691.42	6,951.20	9,691.42	165,711.00	6%
WAGES-OFFICE	23,803.33	22,824.18	23,803.33	22,824.18	318,515.00	7%
WAGES-MGMT&OFFICE-SICK,VAC,HOLIDAY	8,876.47	6,424.10	8,876.47	6,424.10	104,985.00	6%
OFFICE SUPPLIES	1,947.24	430.78	1,947.24	430.78	29,486.00	2%
AUTO SERVICE	3,885.60	5,278.65	3,885.60	5,278.65	54,499.00	10%
BANK SERVICE CHARGE	774.61	1,190.61	774.61	1,190.61	20,882.00	6%
DUES & SUBCRIPTIONS	5,720.93	5,719.63	5,720.93	5,719.63	36,858.00	16%
BUILDING SERVICE	2,141.13	2,568.15	2,141.13	2,568.15	24,992.00	10%
OFFICE EQUIPMENT MAINT	6,168.55	11,212.66	6,168.55	11,212.66	101,573.00	11%
PROFESSIONAL SERVICES	20,731.16	17,085.00	20,731.16	17,085.00	119,270.00	14%
EDUCATION & MEETINGS	135.00	1,575.69	135.00	1,575.69	19,736.00	8%

LA HABRA HEIGHTS COUNTY WATER DISTRICT

STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION

For One Month Ending July 31, 2025 and July 31, 2026

	Last Year Current Month Actual 7/31/2025	Current Month Actual 7/31/2026	Last Year YTD Actual 7/31/2025	Current YTD Actual 7/31/2026	Current Budget 2026/27	Actual 7/31/2026 % of budget 2026/27 8%
LEGAL	875.00	910.00	875.00	910.00	60,357.00	2%
UTILITIES	11,696.69	11,388.51	11,696.69	11,388.51	120,521.00	9%
ENGINEERING	-	-	-	-	96,816.00	0%
INSUR-AUTO,LIABILITY&PROPERTY	13,486.61	13,021.26	13,486.61	13,021.26	154,417.00	8%
INSUR-GROUP HEALTH & LIFE	18,857.05	17,746.35	18,857.05	17,746.35	247,050.00	7%
EMPLOYEE WORKERS COMPENSATION	284.97	538.33	284.97	538.33	27,622.00	2%
DENTAL	1,108.80	606.37	1,108.80	606.37	12,152.00	5%
RETIREMENT-CALPERS	19,092.11	3,071.05	19,092.11	3,071.05	174,143.00	2%
RETIREMENT-DEFERRED COMP	2,500.43	2,149.85	2,500.43	2,149.85	23,971.00	9%
RETIREMENT-CALPERS UNFUND ACCR LIAB	135,260.00	155,766.00	135,260.00	155,766.00	155,766.00	100%
MAINTENANCE-GENERAL PLANT	11,475.00	9,478.39	11,475.00	9,478.39	126,717.00	8%
CAPITAL IMPROVEMENTS	154,511.75	158,292.17	154,511.75	158,292.17	1,899,506.00	8%
PROPERTY TAXES	445.70	432.93	445.70	432.93	6,060.00	7%
PAYROLL TAXES	11,101.57	11,669.56	11,101.57	11,669.56	97,268.00	12%
TOTAL ADMIN & GENERAL EXP	470,211.46	473,511.14	470,211.46	473,511.14	4,289,209.00	11%
TOTAL OPERATING EXPENSES	808,812.35	818,576.68	808,812.35	818,576.68	7,858,047.00	10%
OPERATING INCOME (LOSS)	(240,365.07)	(221,715.50)	(240,365.07)	(221,715.50)	(1,412,891.00)	16%
NONOPERATING REVENUES						
INTEREST INCOME	22,824.08	30,298.60	22,824.08	30,298.60	292,531.00	10%
PROPERTY TAX INCOME	-	-	-	-	1,044,804.00	0%
RENT/LEASE INCOME	11,057.42	10,622.24	11,057.42	10,622.24	127,466.00	8%
OIL ROYALTIES	717.52	1,312.49	717.52	1,312.49	11,790.00	11%
MISCELLANEOUS INCOME	1,200.00	1,340.00	1,200.00	1,340.00	1,988.00	0%
GAIN ON ASSET SOLD	-	-	-	-	-	0%
TOTAL NONOPERATING REVENUES	35,799.02	43,573.33	35,799.02	43,573.33	1,478,579.00	3%
NONOPERATING EXPENSES						
LOSS ON INVESTMENT	-	-	-	-	-	0%
DIRECTORS FEES	800.00	-	800.00	-	9,900.00	0%
DIRECTORS EXPENSES	-	-	-	-	4,481.00	0%
ELECTION	-	-	-	-	13,633.00	0%
TOTAL NONOPERATING EXPENSES	800.00	-	800.00	-	28,014.00	0%
NET NONOPER REVENUES(EXPENSES)	34,999.02	43,573.33	34,999.02	43,573.33	1,450,565.00	3%
NET INCOME (LOSS) IN NET POSTION	(205,366.05)	(178,142.17)	(205,366.05)	(178,142.17)	37,674.00	-473%

WARRANTS

La Habra Heights County Water District

AP Check Register (Current by Bank)

Check No.	Date	Status*	Vendor ID	Payee Name	Amount
-----------	------	---------	-----------	------------	--------

BANK ID: 13100 - EFT TRANSFERS

1003344074	07/27/26	M	0130	CALPERS	\$155,766.00
1003349633	08/03/26	M	0130	CALPERS	\$5,511.34
1003349634	08/03/26	M	0130	CALPERS	\$1,997.82
1003357541	08/12/26	M	0130	CALPERS	\$5,511.34
1003357542	08/12/26	M	0130	CALPERS	\$1,980.41
BANK 13100 REGISTER TOTAL:					\$170,766.91

BANK ID: 13110 - CHECKING- WELLS FARGO

48836	08/04/26	P	0116	ACWA-JPIA	\$19,834.84
48837	08/04/26	P	0385	ADMIRAL PEST CONTROL	\$203.00
48838	08/04/26	P	0565	ALERT 360	\$140.00
48839	08/04/26	P	0353	ARCO BUSINESS SOLUTIONS	\$3,276.85
48840	08/04/26	P	0013	CANNINGS HARDWARE	\$123.91
48841	08/04/26	P	0441	CINTAS CORPORATION	\$385.54
48842	08/04/26	P	0145	CIVILTEC ENGINEERING INC	\$63,448.25
48843	08/04/26	P	ONETIM	DIANNA LEW	\$1,709.63
48844	08/04/26	P	0540	DUTHIE POWER SERVICES	\$11,127.34
48845	08/04/26	P	0164	EXCEL TELEMESSAGING	\$221.73
48846	08/04/26	P	0519	GK CONSULTING	\$1,592.50
48847	08/04/26	P	0569	GOTO COMMUNICATIONS, INC.	\$355.38
48848	08/04/26	P	0099	GRAINGER INC	\$668.36
48849	08/04/26	P	0369	HIGHROAD INFO TECHNOLOGY	\$8,168.00
48850	08/04/26	P	0612	I.J. RAGER FLOOR COVERING	\$1,535.01
48851	08/04/26	P	ONETIM	JORGE QUINTANAR	\$872.50
48852	08/04/26	P	0001	LESLIE J. CONTRERAS	\$273.57
48853	08/04/26	P	0051	LINCOLN FINANCIAL GROUP	\$3,738.49
48854	08/04/26	P	0174	MICHELLE PEREZ	\$224.00
48855	08/04/26	P	0147	SAN GABRIEL VALLEY WATER CO	\$31.76
48856	08/04/26	P	0068	SOUTHERN CALIF EDISON CO	\$93,350.22
48857	08/04/26	P	0267	STAMPS BY MAIL	\$164.00
48858	08/04/26	P	0562	VERIZON	\$513.19
48859	08/04/26	P	0386	VERIZON WIRELESS	\$1,227.70
48860	08/04/26	P	0577	WARE DISPOSAL	\$719.42
48861	08/04/26	P	0016	WATER REPLENISHMENT DISTRICT	\$6,097.00
48862	08/04/26	P	0608	WATER RESOURCES ECONOMICS	\$6,402.50
48862	08/05/26	V	0608	WATER RESOURCES ECONOMICS	(\$6,402.50)
48863	08/04/26	P	0094	WECK LABORATORIES, INC	\$1,895.00
48864	08/05/26	P	0608	WATER RESOURCES ECONOMICS	\$3,201.25
48865	08/18/26	P	0597	411 COMMERCIAL	\$650.00
48866	08/18/26	P	0611	AGILE OCCUPATIONAL MEDICINE	\$85.00
48867	08/18/26	P	0565	ALERT 360	\$2,384.64
48868	08/18/26	P	0354	BEST LAWNMOWER, INC	\$414.14
48869	08/18/26	P	0013	CANNINGS HARDWARE	\$123.86
48870	08/18/26	P	0432	CHARTER COMMUNICATIONS	\$609.88
48871	08/18/26	P	0441	CINTAS CORPORATION	\$39.01
48872	08/18/26	P	0558	CONEXWEST	\$227.29
48873	08/18/26	P	0599	CV STRATEGIES	\$2,231.25
48874	08/18/26	P	0389	FRONTIER COMMUNICATIONS	\$130.85
48875	08/18/26	P	0124	G M SAGER CONSTRUCTION CO	\$15,760.40
48876	08/18/26	P	0099	GRAINGER INC	\$373.14
48877	08/18/26	P	0043	GRISWOLD INDUSTRIES	\$15,062.33
48878	08/18/26	P	0153	HOME DEPOT CR SERVICES	\$279.81
48879	08/18/26	P	0557	ICE PROS LLC LIC#1072937	\$536.29
48880	08/18/26	P	0447	IVAN RAMIREZ	\$1,225.69
48881	08/18/26	P	0033	J A SALAZAR CONSTRUCTION	\$195,615.82

La Habra Heights County Water District
AP Check Register (Current by Bank)

Check No.	Date	Status*	Vendor ID	Payee Name	Amount
48881	08/18/26	V	0033	J A SALAZAR CONSTRUCTION	(\$195,615.82)
48882	08/18/26	P	0545	J. RODRIGUEZ TREE CARE MAINT.	\$3,400.00
48883	08/18/26	P	0133	KONICA MINOLTA	\$133.03
48884	08/18/26	P	0579	KONICA MINOLTA BUSINESS SOL.	\$67.64
48885	08/18/26	P	0051	LINCOLN FINANCIAL GROUP	\$3,738.49
48886	08/18/26	P	0174	MICHELLE PEREZ	\$108.80
48887	08/18/26	P	0231	O'REILLY AUTO PARTS	\$102.10
48888	08/18/26	P	0258	S&J SUPPLY CO, INC	\$698.64
48889	08/18/26	P	0068	SOUTHERN CALIF EDISON CO	\$25,281.17
48890	08/18/26	P	0427	TPX COMMUNICATIONS	\$4,430.57
48891	08/18/26	P	0268	UNIVAR USA, INC	\$2,608.58
48892	08/18/26	P	0012	VULCAN MATERIALS COMPANY	\$2,172.31
48893	08/18/26	P	0016	WATER REPLENISHMENT DISTRICT	\$115,129.86
48894	08/18/26	P	0094	WECK LABORATORIES, INC	\$2,175.00
48895	08/18/26	P	0033	J A SALAZAR CONSTRUCTION	\$189,860.61
48896	08/18/26	P	0012	VULCAN MATERIALS COMPANY	\$1,585.26
BANK 13110 REGISTER TOTAL:					\$616,724.08
GRAND TOTAL :					\$787,490.99

* Check Status Types: "P" - Printed ; "M" - Manual ; "V" - Void (Void Date) ; "A" - Application; "E" - EFT** Denotes broken check sequence.



July 24, 2026

La Habra Heights County Water District
1271 North Hacienda Road
La Habra Heights, CA 90631

Attention: Joe Matthews, General Manager

Subject: Engineering Activities for the Month of **June 2026**
Invoice Backup Support - Billing Period through June 30, 2026

Dear Mr. Matthews:

The La Habra Heights County Water District requires Engineering Support from **CIVILTEC engineering, inc. (Civiltec)** at times on various projects. This work is provided on a time and materials basis when requested and directed by LHHWCWD management. Following is an explanation of time spent backing up the **June 2026** invoicing. The numbering system is the **Civiltec** project number and tracking system.

2025143.00 – General Engineering Support FY25-26. This project has been established to aid the District in general engineering inquiries, participate in meetings, hydraulic modeling and calibration and overall engineering support. The total budget for General Engineering Support has been established at \$25,000.00 for each Fiscal Year. Below is an accounting of expenditures under this **Civiltec** job number for FY 2025-26.

There were no expenditures in June 2026. The remaining budget is \$4,722.50. This job number ✓ will be closed and a new job number will be opened on July 1, 2026 for FY 2026-27 work tasks.

2025144.00 – Engineering Fire flow Modeling FY25-26. This project has been established to aid the District with computer model simulations for fire flow requests by LHHWCWD customers. Below is an accounting of expenditures under this **Civiltec** job number for FY 2025-26. This job number will be closed and a new job number will be opened on July 1, 2026 for FY 2026-27 work tasks.

There were expenditures in the month of June 2026 of \$600.00. We have set up project numbers per fire flow simulation. We are using this main number 2025144 and have put on extensions starting with .01 for the first request.

2025144.24 Fire Flow Modeling – 2024 Tumin Road \$600.00 ✓

2022169.00 – Well No. 12 Well Siting Study. LHHWCWD plans to drill a new well in the Judson Well Field. The overall budget for the project is \$157,770.00. There were no expenditures in June



2026. The District is currently considering the destruction of Well No. 9 and civil improvements to the Well No. 9 discharge pit. The remaining budget is \$27,946.50.

2024807.00 – PFAS Grant Application. LHHWCWD is working with WRD to secure grant funding for a new PFAS Treatment Plant. Grace Kast is preparing the grant funding applications to WRD and assisting with the EPA grant. *Civiltec* staff is supporting Ms. Kast with as needed cost estimating and preparing exhibits. The budget established for the *Civiltec* effort is \$15,915.00. There were no expenditures in the month of June 2026. The remaining budget is \$906.25. ✓

2024814.00 – PFAS Treatment Plant Design. We have stopped the development of the final design documents until proposals from treatment systems suppliers are received, a supplier selected, and supplier equipment data sheets obtained. This approach will allow the project team to have in hand the supplier's equipment submittals for incorporation into the final design documents and the procurement schedule which will provide the ability to better forecast the required timing of obtaining a general contractor for installation. The District has decided to move forward with the RFP. The budget established for the *Civiltec* effort is \$421,360.00. There were expenditures in the month of June 2026 of \$656.25. The remaining budget is \$110,770.75. ✓

2023330.00 – Carrie Hills Lane Pipeline Redesign. LHHWCWD plans to construct approximately 260 LF of 8" pipeline and a new fire hydrant to serve a new house construct on Carrie Hills Lane. *Civiltec* issued the District an updated proposal to resurrect the design phase Scope of Services with a budget that includes design and bidding services. The proposal adds \$9,950.00 to the original design total of \$23,860.00. There is also a new construction phase budget of \$29,870.00 that brings the overall budget to \$63,680.00. *Civiltec* has completed the redesign and placed the project out to bid. Bids were received and the Board awarded the project to J.A. Salazar. The District is moving forward with the contract execution process. There were expenditures in the month of June 2026 of \$2,871.25. The remaining budget is \$28,088.75. ✓

2026101.00 – Plant 1 Structural and Electrical Analysis. LHHWCWD plans to assess the structural condition of the Plant 1 Forebay and deck where the pumps and electrical gear are located. The existing motor control center and switch gear are also being assessed. The goal of the study is to determine the scope of the necessary upgrade work that will be designed and constructed in another phase. The *Civiltec* team has completed the first draft of the study and has completed the geotechnical investigation which provides current design parameters. Our Survey Manager has completed the assembly of the parcel and easement maps, so we have a better understanding of the land area available to the District. The map has been issued to the District for review. The topo survey and map have been completed. The structural engineering work and assessments have been completed as well as preliminary layouts of the electrical improvements. The overall budget for the project is \$153,490.00. There were expenditures of \$28,900.75 in June 2026. The remaining budget is \$51,332.28. ✓

2026102.00 – Gualtieri Reservoir Seismic Analysis. LHHWCWD plans to rehabilitate the Reservoir based upon a Harper dive report. In this phase, the tank's seismic stability and structural condition are being assessed. The goal of the study is to determine the scope of the rehabilitation work that will be designed and constructed in another phase. The *Civiltec* team has completed the first draft of the study and has completed the geotechnical investigation. This study provides current seismic design parameters. The structural analysis work has been completed, and options

La Habra Heights County Water District
Mr. Joe Matthews, General Manager
Engineering Activity Report for **June 2026**
July 24, 2026
Page 3



have been developed to mitigate the sloshing wave height. The overall budget for the project is \$85,585.00. There were expenditures of \$18,420.00 in June 2026. The remaining budget is \$15,542.90. ✓

2026138.00 – Preliminary Engineering for the Norwalk Manhole Adjustment Project. LA County is planning to reconstruct Norwalk Boulevard in 2027 in the alignment of the transmission pipeline from Washington Boulevard to Los Nietos Road. There are six existing LHCWD manholes that will be impacted. These manholes will be lowered prior to LA County's work and then raised back to the new street grade following the County's work. Preliminary engineering was accomplished to determine the impact to each manhole that was shared with the County. The overall budget for the project is \$12,000.00. There were expenditures of \$12,000.00 in June 2026. There is no remaining budget. ✓

I hope this information helps with your processing of the project invoices. Please let me know if you have any questions.

Very truly yours,

CIVILTEC engineering, inc.

W. David Byrum, P.E.
President/CEO, Principal Engineer

X:\Agency\CA\Water District\LaHabraHeightsCo\WD\Engineering Backup\La Habra Heights CWD June 2026 Work.docx

SUPERINTENDENT'S REPORT

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: 8/19/26

TO: JOE MATTHEWS, GENERAL MANAGER
& BOARD OF DIRECTORS

FROM: IVAN RAMIREZ, SUPERINTENDENT

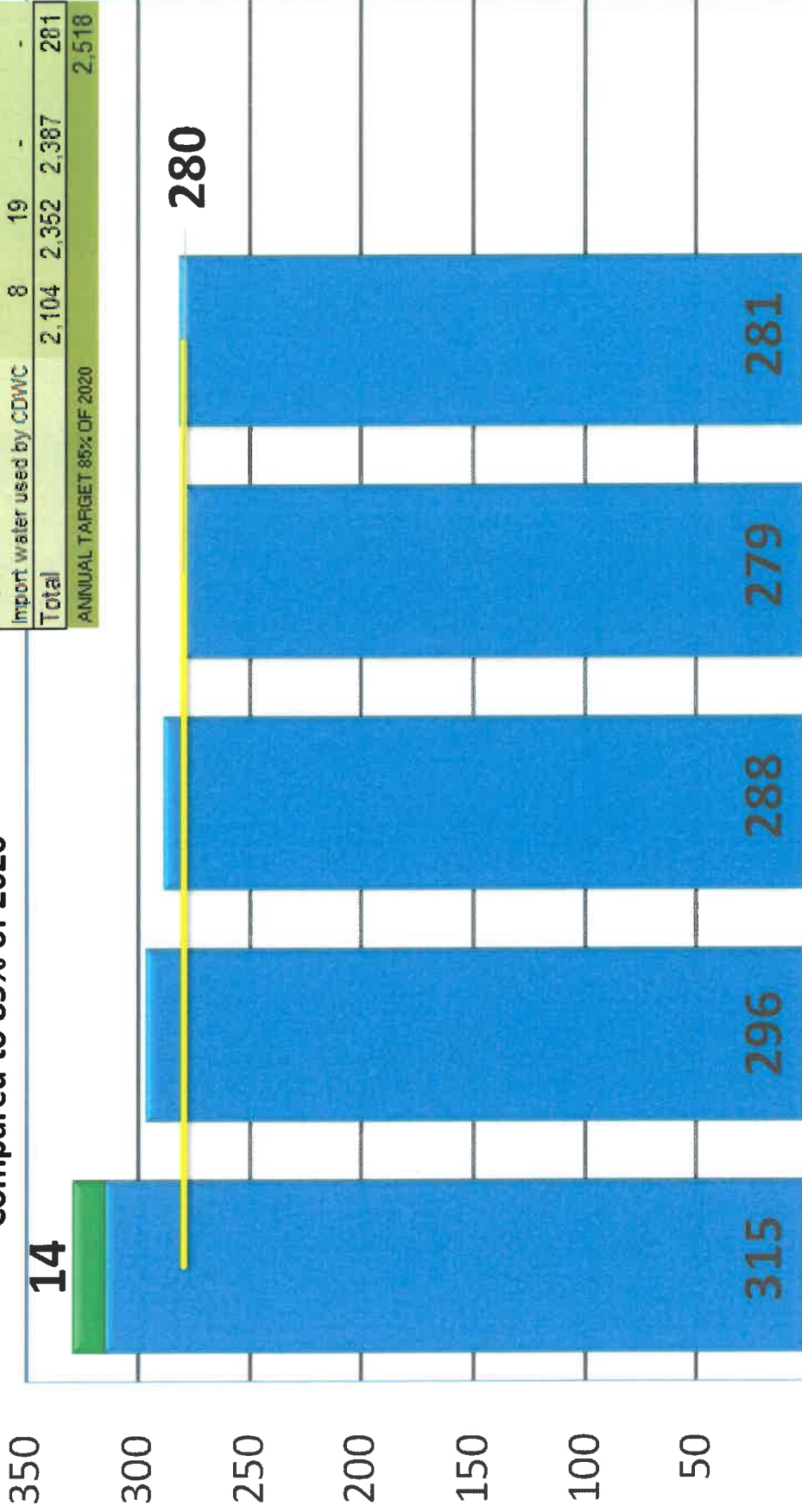
SUBJECT: SUPERINTENDENT'S REPORT FOR JULY 2026

System and Equipment Maintenance

- J. A. Salazar Construction installed the new eight-inch mainline, and one-inch new service for 1777 Carrie Hills Lane.
- We repaired five service leaks and four mainline leaks. All the mainline leaks required an emergency water shutdown.
- Naz Electric replaced Well 10 main circuit breaker due to failure.
- Emerson installed our new SCADA computer, and it is online and working.

LA HABRA HEIGHTS COUNTY WATER DISTRICT

Production in acre feet for **JULY**
 Compared to **85% of 2020**



- Import
- Import water used by California Domestic Water Company from District's Central Basin Municipal Water District connection
- Groundwater
- 85% of 2020 Month Target

ANNUAL WATER USAGE					
Water Source	2023/2024	2024/2025	2025/2026	2026/27 THRU JULY	
Groundwater	2,083	2,332	2,359	281	
Import	13	1	28	-	
Import water used by CDWC	8	19	-	-	
Total	2,104	2,352	2,387	281	
ANNUAL TARGET 85% OF 2020					2,518

DISCUSS AND APPROVE

**ADVERTISING RFP FOR PFAS
TREATMENT VESSELS AND OTHER
EQUIPMENT**

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: AUGUST 25, 2026
TO: BOARD OF DIRECTORS
FROM: JOE MATTHEWS, SECRETARY/GENERAL MANAGER
SUBJECT: APPROVAL OF RFP FOR PROCUREMENT OF PFAS ION EXCHANGE TREATMENT SYSTEM

Last month, I asked the Board to approve our Request for Proposals (RFP) for the pre-purchase of components for a PFAS Ion Exchange Treatment System. The Board requested that I bring the RFP back this month to allow additional time for review.

Civiltec Engineering (Civiltec) has provided written responses addressing several questions and concerns that were raised during the review. Those responses have been included on the following pages.

Shem Hawes from Civiltec will also attend the meeting to address any additional questions or concerns the Board may have.

Civiltec has requested that the District prepare the purchase contract so that we can include our indemnification clause and insurance requirements as appropriate. The current contract template Civiltec uses for the District is a construction contract and is not appropriate for a procurement contract. Developing a procurement-specific contract will allow the District to address these requirements while avoiding potential delays later in the project. The RFP has been reviewed by the EPA for compliance with applicable EPA and Build America, Buy America (BABA) requirements. The EPA project officer assigned to our grant has also asked twice when we anticipate advertising the RFP.

The EPA has informed us that we may seek reimbursement as soon as an invoice has been paid. We also do not have to take physical possession of the equipment if the contract requires the successful bidder to store the equipment on our behalf.

The RFP will include seven appendices containing more than 2,500 pages of supporting documentation, which are not included in this packet.

I recommend that the Board approve the RFP, contingent upon the District preparing and executing a procurement contract to be included as an appendix. Completing the procurement contract at this stage will allow us to incorporate the District's indemnification and insurance requirements and help avoid potential delays to the project.

Civiltec has also revised the RFP to include the 2021 WRD pilot testing report in the appendices, modified certain language to better clarify the concerns raised in the questions and comments contained in the email chain below, and corrected the address on Page 29.

Answers to comments from Director Crabb are below in blue font below, and Director Cooke's comments are addressed in red font below.

Director Crabb's comments are in black below:

Some thoughts. A chart or table might help for clarity.

Parameter	Requirement	Notes	
PFAS removal efficiency	≥ 95%	Must meet EPA guidelines	
Flow rate	500–1000 GPM	Adjustable based on demand	
Resin type	Strong base anion	Regenerable preferred	
Monitoring	Online sensors for PFAS levels	Data logging required	

The RFP contains the suggested information in the table above:

Removal to the Division of Drinking Water (DDW) Detection Limit Reporting (DLR) of 1 µg/L using EPA test Method 533 is stipulated on Page-3.

The Performance Criteria on Page-7 states each pair of vessels shall be capable of a 2,000 gpm for a total facility treatment capacity of up to 6,000 gpm.

The RFP requires a PFAS selective strong base anion resin media stating the media shall be Evoqua PRS2+ or approved equal.

The RFP places the responsibility of resin selection on the supplier to optimize the requirements of the RFP for treatment volume capacity flowrate and total treatment gallons prior to media change out and competitively balanced with their proposal price .

Additionally, the DDW requires the resin media to DDW approved, which will provide a resin that is known to be effective and can receive DDW approval easily.

Electronic differential pressure instruments are required (Page-16) with the ability to convey the data to log and transmit the data. This will allow operations to evaluate if abnormal pressure drop is occurring in a vessel.

Magnetic type flow meters are required (Page-13) with the ability to convey the data to log and transmit the data. This will allow operations to balance the total flow evenly between the operating pairs of vessels.

No online electronic sensors for PFAS exist. The vessels will be equipped with sample taps on the side walls of each vessel at 25%, 50%, and 75% media bed depths to allow operations to take treated water samples for laboratory analysis. Operations will be able to track the progress of the PFAS adsorption in the media bed and allow them to estimate the date when complete saturation will occur, requiring a media change out.

A check list of items.

- **Company background and relevant experience**

The RFP requires "Detailed relevant experience and a description of recently completed similar projects, provide a minimum of 5 projects completed in the last 5 years in California. Provide client references and telephone numbers for the listed projects."

- **Detailed technical approach**

Page-19 includes requirements for the supplier to provide a detailed Technical Approach

- **Project timeline and milestones**

Page-19 include requirements including a schedule with milestones and delivery. Testing etc.

- **Cost breakdown (equipment, installation, maintenance)**

Pages 32-33 include the breakdown of the bidder's price by:

-Equipment and warranty

-Delivery and installation support,

-System start and testing services, and owner training services,

-Owner training and maintenance manuals

Cost difference in cast iron and stainless.

In respect to valves, the RFP require Pratt Series 2FII, one of the industry's top cast iron valves.

We don't see SS valves on installation throughout southern California and belief it would be unnecessary and cost inefficient.

During the submittal process with the selected supplier, it will be possible to request add-on cost quote for alternative materials.

Where are these companies based if there is a problem, do they have people close to LA and a 24-support line for issues?

The RFP is written such that major suppliers with experience in these systems will meet the requirements. All major suppliers have support staffing in southern California with multiple existing treatment systems in operation here.

Get the references on what they have built, and we can quiz the clients and contractors on what could have been done differently to improve or eliminate issues.

The RFP requires the bidders submit 5 reference treatment systems installed in the last 5 years.

As part of the selection process references will be contacted to confirm satisfaction with the bidder's services and installation.

Where did we get 535 cf per vessel and are we adding anything in for error factor?

The volume of resin is based on a calculation of water contact time with the media as it passes through the treatment vessel.

DDW requires 2 minutes of contact time per vessel, and the system sought in the RFP will provide 4 minutes of total contact time for the lead-lag pair-set.

Providing additional media would lead to longer periods in between media change out maintenance, but not better treatment.

The lead-lag configuration provides the measure of assurance needed.

Sample taps along the sidewall of the vessels allow operations staff to track the progression of saturation of PFAS to the media. Prior to 100% saturation of the lead vessel the operations staff will schedule a media change out with new resin. The roles of the lead and lag vessel are reversed at that time and place the newly changed out media into the lag role. The approach utilizes the lag vessel in such a manner that it never receives water with PFAS.

We should know the lifespan of all the moving parts, from rubber body seats to the valves, is anything in this system corrosive that will require extra attention?

The only moving parts would be the valves. The RFP require Pratt Series 2FII, one of the industry's top cast iron valves. It would be difficult to argue that a longer lifespan valve is available.

I am still not a fan of letting the bidders tell us how and what to use, but I don't really have a better solution.

Suppliers of single pass IX pressure vessel type PFAS treatment systems are very similar in design. DDW has approved a number of resin media products that have demonstrated to their satisfaction the reliable ability to treat PFAS.

CivilTec also answered comments from Director Cooke in red font below.

Director Cooke's comments:

1. Appears vendor will perform onsite work. I think we should have an indemnification clause and insurance requirements inserted.

The selected supplier will be on site for inspecting the General Contractor's installed work to verify it complies with warranty requirements. Also, the supplier will install the media.

I expect the District has standard agreements for contractors performing work at facilities and this would be no different current policies/agreements/contracts. (CivilTec has asked that we include our standard contract with our insurance and indemnification requirements as an appendix)

2. Completion date is not defined and appears to be the responsibility of the BIDDER to provide. See P. 19; I.2.
 - a. Should we require the system be delivered prior to the expiration date of the EPA Grant?
 - b. Should we state the "firm schedule" shall become the contractual construction schedule on which basis liquidated damages will be assessed?

Page-30 states the bidder's submitted schedule will be part of the selection process. (The EPA has stated that we can ask for an extension if needed, as many projects such as this have delays)

3. P. 25 Paragraph 4 – at what time does the District have the right to proceed with corrections if the vendor does not timely respond?

The selected bidder will be one of the known reputable system suppliers to southern California and ensuring the satisfaction of the District will be important to them.

In the unlikely event of early break through the supplier would most often simply replace a portion of the media to allow the treatment to effectively operate to design standards and warranted duration.

The treatment system has sample taps placed vertically along the media bed and the operations staff will be able to track the progress of the media saturation and be able to forecast when breakthrough will occur.

Should the forecast indicate early break-through will occur, a call will be made long before break through to the supplier and the supplier will be motivated to investigate the system for problems to prevent the breakthrough event.

4. P. 26 Task No. 2 – do we need to provide a finite duration of storage?
The bidders proposals will stipulate their obligation for duration of storage.

5. P. 28 III. Payment – percentages only add up to 70%. When is the balance of 30% to be scheduled? If we are proscribing a payment schedule, why is the vendor required to include one with the bid?

This has been corrected in the revised RFP dated 08.18.206

A typo in the 4th bullet of Delivery was corrected to read 45% on delivery.

6. P. 29 typo on bullet point 2.

Corrected, see revised dated 08.18.206

7. Are we strong enough on the “NON-DETECT” guarantee and the District’s recourse?

DDW testing methods are well documented to define the limits for reporting which the RFP states in considered ND.

La Habra Heights County Water District



REQUEST FOR PROPOSAL FOR PROCURMENT OF PFAS ION EXCHANGE TREATMENT SYSTEM

(August 2026)

SPECIFICATION HWQ001

1271 N. Hacienda Rd.

La Habra Heights, CA 90631

INTRODUCTION

PFAS (Per-and Polyfluoroalkyl Substances such as PFOA and PFOS) has been detected in La Habra Heights County Water District's (LHHCWD) wells 10, 11, and offsite well's ground water. To address the removal of PFAS from the ground water for use as a potable water source, the well discharge waters are to be rerouted to a common treatment center at LHHCWD's wells 10 & 11.

LHHCWD is requesting proposals to prepurchase treatment system components and treatment resin media from qualified, interested firms (BIDDER) to provide single use ion exchange (IX) equipment system for the removal of PFAS to be installed at the well 10 & 11 site located at 7412 Norwalk Blvd Whittier, CA 90606. The pre-purchased equipment will be installed by a General Contractor selected at a later time by the OWNER.

Proposals shall be submitted in accordance with the format and information contained herein and are submitted to:

Joe Matthews

Joe@lhhcwd.com

General Manager

La Habra Heights County Water District

Key dates for this RFP are listed below:

Questions Deadline: September 30, 2026

Responses Returned: October 9, 2026

RFP due: **October 15, 2026 5:00 PM**

Proposals received after the due date and time will not be accepted. The cost for preparing a proposal is at the expense of the BIDDER and will not be reimbursed by OWNER. Proposals deemed non-responsive will not be considered.

BACKGROUND INFORMATION

OWNER is constructing a new single IX system at OWNER's Well 10 & 11 site to treat water conveyed from OWNER's Wells 10, 11, and offsite wells. Copies of water quality records for the wells are included in this RFP for the BIDDERS to estimate the sizing the IX treatment system required to meet effluent levels goals set in this document.

The proposed IX PFAS treatment facility will treat water pumped from Wells 10, 11, and the offsite wells for a capacity of up to 6,000 gpm. The BIDDER shall assume the treatment system will receive up to 2000 gpm from each of the three water sources and have the capacity to meet treatment goals under varied configurations blended influent waters.

The proposed IX pressure vessel system shall be designed to function properly using various IX selective resin products, including Purolite PFA694E selective resin or any other IX resin products that with equal or greater effective qualities, and approved for use by the California Division of Drinking Water ("DDW"). Supplier shall pre-rinse the PFAS selective resin media prior to delivery to the project site.

The system shall be designed to treat up to 6,000 gpm of water on a continuous basis using three sets of lead/lag system consisting of paired pressure 12-ft diameter vessels. The lead/lag system shall be sized to treat a flow of 2,000 gpm for each vessel pair. The equipment shall be approved by DDW for PFAS removal in drinking water systems. When the proposed equipment is loaded with IX resin media and operated at 6,000 gpm in the lead/lag vessels, the treatment system must consistently, and reliably, reduce PFAS concentrations in the effluent groundwater to non-detect (ND) per DDW reporting requirements. DDW Detection Limits Report (DLR) using EPA laboratory testing Method 533 requirement are testing results of less than 1 µg/L, which shall be synonymous with the use of ND in this RFP.

The IX system shall include three sets of lead/lag vessels and the lead/lag valve manifolds integral to the system as shown on the attached drawings:

- Figure 1: IX Vessels and Sections Layout
- Figure 2: P&ID

The BIDDER shall provide an anchoring design and structural calculations of the vessels and valve tree support prepared by a Professional Engineer registered in the State of California. A geotechnical investigation report of the project site has been prepared and included with this RFP for BIDDER reference. The BIDDER shall provide a template specific to each vessel of the anchoring bolt locations to the OWNER's General Contractor to aid in accurately setting cast in place anchoring hardware.

The footprint area of the IX equipment, including the IX vessels, valve trees, and piping headers along with their supports and clearances to access process valves shall be provided by the BIDDER as shown in the drawings. Piping headers and supports are to be furnished and installed by the installation General Contractor.

WATER REPLENISHMENT DISTRICT (WRD) OF CALIFORNIA REQUIREMENTS

Procurement of the equipment provided in this RFP will be conducted in a manner that promotes fair and open competition from an adequate number of qualified sources. Contractual selection will comply with competitive Procurement and Standards set forth in 2 CFR 200.317 – 2 CFR 200.327 and will also align with EPA's requirements outlined in EPA's Best Practice Guide for Procuring Services, Supplies, and Equipment Under EPA Assistance Agreements.

FEDERAL FUNDING REQUIREMENTS

BABAA Requirements:

Funding for this project include grants from the United States Environmental Protection Agency ("USEPA") Build America Buy America Act (BABAA). BABAA has requirements for iron, steel, manufactured products, and construction materials used in the project to have been produced in the United States to varying degrees. Bidders are encouraged to consult the USEPA BABAA online information page link below for guidance on documenting compliance of their products included in their bid proposal.

<https://www.epa.gov/cwsrf/build-america-buy-america-baba>

Equipment/materials in the BIDDER's proposal must comply with all requirements associated with BABAA, a waiver application will not be submitted.

The equipment/materials supplied are required to comply with BABAA for acceptance. Bidders shall clearly identify BABAA compliance of each equipment/material item in their proposals or items will be considered non-compliant by default when evaluating. **Attachment 1** of this RFP provides Instructions For Submitting Build America Buy America Act Certifications.

Any request for substitute or "or equal" shall include the Manufacturer's Certification of compliance with the BABAA requirements.

BABA requirements for a **manufactured product** is partially defined by BABAA in the excerpt below:

*"(2) all manufactured products used in the Project be produced in the United States – this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than **55 percent of the total cost of all components** of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation...."*

Bids received lacking conclusive documentation of meeting the BABAA requirements may not be considered for selection of prepurchased equipment in this RFP. All bids may be subject to review and acceptance by funding authorities for compliance with grant funding requirements.

AIS Requirements

BIDDER proposals must comply with American Iron and Steel (AIS) requirements. The BABA Act expands upon existing American Iron and Steel (AIS) requirements of State Revolving Fund (SRF) funded projects and requires that, in addition to iron and steel, all manufactured products, and construction materials for the project be produced in the United States. Appendix F of this RFP contains additional guidance on AIS compliance.

DBE Requirements

Proposals must comply with all requirements of Disadvantaged Business Enterprise (“DBE”). Respondent is required to provide the information for all DBE and non-DBE subcontractors, who provided a proposal, bid, quote, or were contacted by Consultant. Forms provided in Appendix G of this RFP are intended to assist the BIDDER with organizing the DBE information. This information must be submitted with the bid. Respondents, regardless of DBE status, are required to make good faith efforts to utilize minority firms, women’s business enterprises, and labor surplus area firms if any subcontracts will be proposed as part of Respondent’s proposal.

USEPA Funding Dependency

The selected supplier will be subject to the ability to gain USEPA BABAA acceptance of documentation for funding and the District reserves the right to reject proposals to prepurchase equipment where funding approval is not or cannot be gained.

PURPOSE OF THE RFP

The purpose of this RFP is to obtain proposals for furnishing single use fixed bed IX system equipment and PFAS selective resin media for the removal of PFAS from groundwater. The treatment system design will be subject to approval by the Environmental Protection Agency (EPA), OWNER, the DDW and others.

The successful BIDDER shall be responsible for furnishing and delivering the equipment to the treatment plant site. The equipment shall be unloaded by the installation General Contractor selected by OWNER to install the treatment system. The BIDDER shall provide technical support for installation and start up, resin loading, inspect the General Contractor's installation and provide a written letter confirming the installation meets all warranty requirements, and performance guarantees and warranties of PFAS treatment to ND for the proposals explicitly stated bed volumes.

The BIDDER must describe and provide time and material cost estimates for any additional level of support that may be needed. OWNER is not responsible for any costs (man-hours or materials) associated with the preparation of the proposal in response to this RFP.

The BIDDER shall include **a five percent Bid Bond** to guarantee that the BIDDER will, if its proposal is selected, fully execute an agreement with OWNER. Each bid shall be **valid for at least 90 days** after the bid opening. **Bid Bonds will be returned** after the full execution of an equipment supply contract, or **not later than 90 days** after the bid opening. The scope of supply shall include the following:

1. Three (3) pair sets of 12' diameter lead/lag vessels and related appurtenances including the lead/lag valve manifold and the instruments specified herein.
 - a. Pressure vessels shall be ASME rated to 150 PSI.
2. Sufficient DDW approved PFAS-selective resin media (**minimum of 535 cf per vessel**) for each vessel to meet treatment goals set forth in this RFP and to account for losses during initial startup and testing.
3. PFAS selective resin media shall be approved for use by DDW.
4. Structural design and calculations for anchorage of the treatment vessels and valve tree support to a concrete support pad prepared by a Professional Engineer registered in the State of California in the structural discipline.
 - a. A copy of the site geotechnical evaluation report is included with this RFP for reference.
5. BIDDER assistance to the OWNER's selected installation General Contractor during construction, inspection of the installation, a letter explicitly stating the installation meets all warranty requirements, and BIDDER resin installation and startup and testing services.

PERFORMANCE CRITERIA

BIDDERS are directed to Appendix A of this RFP for reference water quality data.

OWNER has established the following basic performance criteria. These criteria shall be used by the BIDDER to prepare a proposal and will be used by the OWNER to evaluate the proposals and treatment system performance.

1. Treatment shall be to non-detect in the effluent of the PFAS treatment system. Water quality data from the source ground water wells is provided with this RFP.
2. Normal operating pressure to the pressure vessel inlet is anticipated at **100 psi**. Pressure vessels, piping, flanges, valving and appurtenances shall be rated to a minimum of 150 psi, greater where listed higher than 150 psi in this specification.
3. The normal total operating flow rate (design) for each individual lead/lag system shall be **2,000 gpm**, continuous operation, providing a total facility capacity of up to 6,000 gpm of treatment. Information (e.g. a list and description of equipment to be provided, general arrangement drawings and elevations **with overall dimensions**, and an overall **process schematic**) shall be provided with the proposal for OWNER to identify the footprint requirements for the equipment to be provided and the limits of the scope of equipment being provided.
4. BIDDER shall provide a **detailed description of the instrumentation and controls** (controls, valves, meters, etc.) which must be included in the proposal. The rationale for the selected controls shall also be provided.
5. Each BIDDER shall submit with its proposal, a **proposed schedule** to manufacture and deliver all of the equipment. The final delivery date may be subject to negotiation.
6. Each BIDDER shall provide certification that all chemicals, coatings, or substances to be added to, or to be in contact with the water, if any are DDW accepted, or are certified to meet the criteria of AWWA, ANSI/NSF 60/61, NSF, California NSF 61, or Food Chemical Code publications.
7. Each BIDDER shall provide an **estimate of the full system pressure drop between the inlet flange and the outlet flange**. The BIDDER shall provide an estimate based on each vessel filled with 535 cf (or **more if deemed required by the BIDDER** to meet treatment goals) of PFAS selective resin in each vessel and operating up to 2,000 gpm. The BIDDER shall **determine the required bed depth of PFAS selective resin** for their proposed pressure vessel configuration to meet PFAS removal goals, **volumes of resin stated in this RFP are approximations only**. Provide the manufacturer and product of PFAS selective resin used to calculate the pressure drop shall also be specified.
8. Provide a detailed list of information on all PFAS IX treatment systems the BIDDER currently has in operation **in the State of California**. Include DDW permitting, and facility description. Identify differences between these operating systems and the proposed treatment system.

EQUIPMENT

PART 1

1.0 IX PFAS Treatment System Equipment

Accompanying this RFP is a process and instrumentation diagram drawing for reference, and a mechanical plan view, section view, and isometric illustration to demonstrate layout spacing constraints/requirements. The drawings illustrates a single pair-set of treatment vessels (3 pair-sets required).

The BIDDER should note the **requirement for pressure differential instrumentation** across each vessel influent/effluent piping.

The BIDDER should note a requirement for a **12-inch flanged magnetic flow meter** for each vessel pair-set (3 in total) to be shipped loose for installation by the OWNER's General Contractor on the effluent from each pair-set of vessels.

The BIDDER should note the requirement for flanged molded spherical expansion joints with control rods, see mechanical drawings accompanying this RPP for locations required.

1.01 General Requirement

This section describes materials, fabrication, installation and testing of a complete pre-engineered IX PFAS Treatment System for the removal of PFAS from groundwater. The BIDDER shall supply the equipment in a preassembled form such that the installation contractor will require minimum assembly work at the site. The BIDDER is required to specify the maximum number of preassembled pieces for the lead/lag systems.

1.02 References

- A. ASME Section VIII, Division 1 – American Society of Mechanical Engineers Boiler and Pressure Vessel Code
- B. ASME/ANSI B16.5 – American Society of Mechanical Engineers/American National Standard Institute
- C. Steel Structures Painting Council Surface preparation Specifications and National Association of Corrosion Engineers
- D. ASME Section II, American Society of Mechanical Engineers – Materials, Parts A, B & C
- E. American Society of Testing Materials (ASTM) F. ANSI/NSF Standard Drinking Water System Components – Health Effects

1.03 System Description

- A. The complete system includes the following.

- a. IX vessels with internals for media retention
- b. Influent, effluent and backwash/rinse water inlet/outlet piping with valves
- c. Media fill and discharge piping with valves
- d. Vent and pressure relief piping
- e. Water piping and utility connections

B. The vessels, piping, valves, and PFAS selective resin media shall function as a system. The PFAS selective resin media shall be supplied under this RFP. Supplier shall pre-rinse the PFAS selective resin media prior to delivery to the project site.

C. The IX system shall have the following process capability:

- a. Vessels per lead-lag train system: Two
- b. Resin media capacity per vessel: 535 cf (minimum). The capacity shall be calculated from above the septa.
- c. Flow rate per paired lead-lag vessel system: 2,000 gpm maximum.
- d. Pressure drop: 27 psig (max) per vessel pair system at 2,000 gpm while operating with a minimum 535 cf of PFAS-selective resin media per vessel. The BIDDER shall identify the pressure drop (influent flange of valve to effluent flange for a pair set of lead-lag vessels) with the type and volume of PFAS selective resin media required to meet non-detect treatment goals in their estimation.

D. The BIDDER shall determine the required bed depth of PFAS-selective resin for their proposed pressure vessel configuration to meet PFAS removal goals, volumes of PFAS-selective resin stated in this RFP are approximations only.

E. The installed system shall meet the following minimum design criteria:

Item Description	Unit	Value
Number of Systems / Vessels Per System	-	3 / 2
Operating Configuration	-	Parallel/Lead-Lag
Min Media Capacity (Volume per Vessel)	ft ³	535
Design Flow Rate (Overall / Per Vessel)	gpm	6,000 / 2,000
Max Flow Velocity in Manifold Piping	ft/s	5.8
Max Hydraulic Loading	gpm/ft ²	17.7
Min Empty Bed Contact Time (per Vessel / per train)	minutes	2 / 4
Underdrain	Internal Cone/External Ring Header	

1.04 Submittals

A. The following information will be submitted for approval:

- a. Description of the proposed system including flow, system design and operating modes.
- b. Vessel specifications and drawings including design pressure, dimensions, and capacity.
- c. System flow diagram showing all valves, components, instrumentation and utilities.
- d. System general arrangement showing dimensions, weights, and elevations including influent, effluent, backwash, and media exchange pipe connection locations. Specify the pressure drop per vessel. All drawings shall be provided in AutoCAD.
- e. Pressure drop information across the entire system with and without PFAS-selective resin media.
- f. Material specifications for resin, valves, pipe, fittings, and instrumentation.
- g. Specifications for internal lining of the vessels and piping.
- h. Specifications for exterior painting of the vessels and piping.
- i. Installation and assembly information and drawings for use by the site contractor to install the equipment.
- j. Specifications and layout for anchorage of all equipment and pipe supports.

PART 2 Products

2.01 General

A. The RFP includes the required features of the equipment but does not purport to cover all details of design and construction required to meet treatment specification requirements. Materials listed are the minimum criteria required. Where required to meet the pressure rating or other listed criteria the BIDDER shall provide more stringent materials or equipment to comply. The table identifies key vessel construction requirements:

Parameter	Description
Vessel Diameter	12 ft
Side Shell Height	BIDDER to determine requirements
Overall Height	BIDDER to determine requirements
Working Pressure	150 psi @ 140°F
Manway:	
Flanged at Side Shell	24"
Elliptical Type at Head	14"x18"
Vessel Volume	BIDDER to determine requirements
Maximum Flow Rate (Typical)	2,000 gpm
Design Criteria	150 psi ASME
Code Stamping	YES
Material	Carbon Steel
Supports (4 per Vessel)	Legs
Lifting (2 per Vessel)	Lifting Lugs
Seismic	Site Class D, Importance factor 1.5 See Appendix C for complete site geotechnical report
Interior Surface Prep	SSPC-SP5
Inferior Surface Coating	Plasite 4110, 35-45 mil dft or Equal
Exterior Surface Primer	Epoxy, 4-6 mil dft
Exterior Surface Coating	Urethane, 3-5 mil dft
Underdrains/Overdrains Underdrain:	
Internal Cone or Septa Screens High Flow Overdrain	*8" Sch. 40 Carbon Steel (min) 316L Stainless Steel Dia x 12" eff Sch 10 304SS (min)
Valve Assembly and Piping:	
Process Piping	*10" Sch 40 Carbon Steel (min)
Media Transfer Piping	4" Sch 40 Lined Carbon Steel (min)
Valves:	
Process Media Transfer Vent/Wash Sample Ports (4)	*10" Butterfly (min), Cast Iron Body, DI Disc, Gear Operator 4" Flanged 316 Stainless Steel Full Port Ball Valve 2" Lead-Free Bronze Ball Valve 1/2" Lead-Free Bronze Ball Valve
Connection Hardware	Hot-Dip Galvanized

* BIDDER to determine process piping diameter requirements to meeting max headloss criteria.

2.02 IX Vessels

A. The vessels shall be fabricated of carbon steel, conforming to ASTM A516 grade 70, 12'-0" diameter with a straight side height (5 ft min) to be determined by the BIDDER to achieve treatment and functionality goals with 2:1 elliptical top and bottom heads. The vessels must be designed, constructed and stamped in accordance with ASME Section VIII, Division 1 and registered with the National Board for a design pressure rating of 150 psig at 140 °F. Each vessel shall be provided with one (1) 20" diameter round manway located on the lower straight side portion of the vessel and one (1) 14-inch x 18-inch elliptical access at the top.

B. The straight side height shall be based on PFAS selective resin capacity a minimum of 535 cf capacity. The BIDDER shall determine the required bed depth of PFAS selective resin for their proposed pressure vessel configuration to meet PFAS removal goals, volumes of PFAS selective resin and vessel dimensions stated in this RFP are approximations only indicating the minimum requirements.

C. The successful BIDDER shall include a vessel anchoring system design including detailed calculations illustrating the seismic characteristics of the proposed vessels and valve tree and their reactions to the foundation Stamped by California Registered Civil Engineer. The vessel manufacturer shall assume the vessel operating weight is that of the empty vessel plus the weight of water and PFAS selective resin media fully filling the vessel. The manufacturer shall use the seismic factors for design from the site geotechnical report. Seismic design is assumed to control the lateral loading of the vessels and therefore wind criteria is not provided. See Table 3 page 10 of the geotechnical report in Appendix C for seismic design parameters.

D. Each vessel must be equipped with 316 stainless steel media retainers for treated water collection and backwash water introduction.

E. The water distribution header and laterals at the top of the PFAS selective resin bed shall be fabricated of stainless steel with stainless steel nozzles.

F. Each vessel shall be provided with three (3) 2" side sample nozzles for use with in-bed water sample probes at 25%, 50% and 75% of the media bed depth. Sample probes must consist of a 1/2" stainless steel pipe with a stainless-steel slotted nozzle to collect a water sample from within the media bed. The slot opening for nozzle shall be such that the specified PFAS selective resin media does not leak into the sample pipe. The sample probes will be inserted through a 2" flanged nozzle (flanged nozzle to assure adequate coverage of the internal lining) and include a drop line and shutoff valve external to the vessel. All components for the sample line shall be stainless steel.

G. All surfaces will be degreased prior to sandblasting. The vessel internal surface to be lined will be blasted to a white metal surface (SSPC-SP5) to provide a 3 to 4 mil anchor pattern. The exterior of the vessel will be power tool cleaned to the degree specified by SSPC-SP3-63.

H. The interior surfaces of each vessel are to be lined with a nominal 35 mil dry film thickness using Carboline Plasite 4110 vinyl ester lining materials or approved equal. The lining will be force cured to meet requirements for certification for use in potable water systems per NSF/ANSI Standard 61.

I. The exterior surface of the vessels will be painted to a dry film thickness of 6 to 8 mils with a finish coating of polyurethane exterior paint. The color of the exterior paint shall be selected by the owner.

2.03 Process and Utility Piping

A. The process and utility piping on the system will include influent water to the system, treated water, backwash/rinse water supply and discharge. These items constitute the piping associated with the valve tree. Also included are the vessel vent lines, and media fill and discharge piping. The influent and effluent pipe network must allow for series (lead/lag) and parallel operating modes. The lead/lag operation allows for either; a) flow from the influent flange, to Vessel A, to the pipe module, to Vessel B, to the pipe module then to the effluent flange, or b) flow from the influent flange, to Vessel B, to the pipe module, to Vessel A, to the pipe module then to the effluent flange. The change in flow pattern is accomplished with a change of valve positions.

Forward rinse water will utilize the filters raw groundwater with a valving configuration to send the forward rinse water waste stream to the onsite storm drain connection. The valve tree design shall have three tee connections which will connect the valve tree inlet, outlet, and forward rinse discharge to the corresponding laterals. The BIDDER is responsible for just the valve tree, support and anchoring system, associated piping, and the following:

a. One 12-inch #150 flanged magnetic flow meter to be installed by the treatment system installation General Contractor on the 12-inch effluent lateral from each of the 3 vessel pair sets (Three 12-inch magnetic flow meters total). The BIDDER shall provide the flow meter to the OWNER's installation General Contractor for installation on the piping laterals. The flanged magnetic flow meter shall be as by **McCrometer Ultra Mag series with remote counter, no or equal will be considered.**

The OWNER's installation General Contractor will furnish and install the pipe laterals that extend from the BIDDER's treatment system valve tree flanged connections.

b. Process water piping (inlet and outlet) will be constructed of schedule 40 carbon steel, ASTM A53 Grade B materials with 150 lb ANSI B16.5 ASTM A105 forged carbon steel, slip-on or weld neck (flat or raised face) flanges with ASTM A126 cast iron 150# flanged elbow and tee fittings.

c. Vent and safety relief piping will be 3" diameter, constructed of carbon steel per Item b.

d. Media fill and discharge piping will be schedule 10S stainless steel, ASTM A-312 Grade TP 304L, welded, annealed and pickled, with ASTM A-403 Grade WP 304L stainless steel, ANSI B16.9 butt weld fittings and ASTM A-182 Grade F 304 forged stainless steel 300# ANSI B16.5 raised face slip-on or weld neck flanges.

e. Utility piping will be constructed of threaded schedule 80 carbon steel, ASTM 53 Grade B materials. Include flanged molded spherical expansion joints with control rods, **Proco Style 242** or equal, see mechanical drawings accompanying this RPP for locations required.

f. All exterior carbon steel piping surfaces installed above grade shall comply with the latest revision of either AWWA Standard C-210 (liquid epoxy) or AWWA Standard C-213 (fusion bonded epoxy). All pipe and fittings shall be completely coated,

g. All interior surfaces of carbon steel water piping installed above grade shall comply with the latest revision of either AWWA Standard C-210 (liquid epoxy) or AWWA Standard C-213 (fusion bonded epoxy). All pipe and fittings shall be completely lined, Scotchkote 134 (15-25 mils) or approved equal. Lining shall comply with NSF 61 and California NSF 61 standards.

h. The valve tree must include a structural steel support frame for support of the piping and valve network. The valve tree shall have three levels (water inlet, treated water outlet, and forward rinse water out). The valve tree support shall be provided with anchoring hardware by the BIDDER with design drawings and calculations for anchoring systems prepared by a Professional Engineer registered in the State of California.

2.04 Process and Utility Valves

A. The process and utility piping; excluding media fill and discharge piping, will be equipped with butterfly valves for flow control. Flanged butterfly valves are required to accommodate the process and forward rinse control functions for each valve tree of a vessel pair-set.

B. The influent, effluent, vent and forward rinse water control valves will be a ductile iron wafer type body butterfly valve with aluminum-bronze disc, BUNA-N seats and stainless-steel shaft to mate to 150 pound ANSI flanges. The valves must be rated for 150 psig in closed position at 180 °F, and meet or exceed the latest AWWA specification C504. **The valves shall be provided with gear-operated hand wheels.** All painting and coating for the valves shall be NSF 61 certified. **Butterfly valves shall be as by Pratt Series 2FII (flanged) or MKII (wafer type) or approved equal.**

a. Valve bodies shall be constructed of ASTM A126, Class B cast iron for flanged valves or ASTM A48, Class 40 for wafer style. Flanged valves shall be fully faced and drilled in accordance with ANSI Standard B16.1, Class 125.

b. Rubber body seats shall be of one-piece construction, simultaneously molded and bonded into a recessed cavity in the valve body. Seats may not be located on the disc or be retained by segments and/or screws. For wafer style valves, the seat shall cover the entire inner surface of the valve body and extend over the outside face of the valve body to form a flange gasket.

c. Valve bearings shall be of a self-lubricating, nonmetallic material to effectively isolate the disc-shaft assembly from the valve body. Metal-to-metal thrust bearings in the flow stream are not allowed.

d. The disc shall be a lens-shaped design to afford minimal pressure drop and line turbulence. Materials of construction shall be ASTM A126, Class B cast iron disc with a stainless-steel type 316 edge. Discs shall be retained by stainless steel pins, which extend through the full diameter of the shaft to withstand the specified line pressure up to valve rating and the torque required to operate the valve. Disc stops located in the flow stream are not allowed.

e. Valve shafts shall be of stainless steel type 304. At the operator end of the valve shaft, a packing gland utilizing "V" type chevron packing shall be utilized. "O" ring and "U" cup packing is not allowed.

f. All surfaces of the valve interior shall be clean, dry and free from grease before painting. The valve surfaces except for disc edge, rubber seat and finished portions shall be evenly coated with fusion bonded epoxy in accordance with AWWA Standard C504. The exterior valve surfaces and actuator shall be evenly coated with a suitable primer to match field coatings.

g. Hydrostatic and seat leakage tests shall be conducted in strict accordance with AWWA Standard C504.

h. The manufacturer furnishing valves under the specification shall be prepared to provide Proof of Design Test reports to illustrate that the valves supplied meet the design requirements of AWWA C504.

i. Manual actuators shall be of the traveling nut, self-locking type and shall be designed to hold the valve in any intermediate position between fully open and fully closed without creeping or fluttering. Actuators shall be equipped with mechanical stop-limiting devices to prevent over travel of the disc in the open and closed positions. **Actuators shall be fully enclosed and designed to produce the specified torque with a maximum pull of 50 lbs.** on the hand wheel or chain wheel. Actuator components shall withstand an input of 450 ft. lbs. at extreme operator position without damage. Manual actuators shall conform to AWWA C504. Manufacturer to **provide chain wheels on all valves located at a height of 4'-6" and above** measuring from the base of the vessel leg plates to the centerline of the wheel.

C. Air release valves shall meet AWWA C512, #150 flanged, combination air release/vacuum, NSF 61 certified.

D. Pressure relief shall be provided by a **3" pressure relief valve** designed to relieve pressure at the maximum allowable working pressure (MAWP) of the vessel. The pressure relief valves will be mounted on the vessel. **A total of two (2) will be provided for each lead/lag system.**

E. The media fill and discharge valves will be 4" diameter full port ball valves, 316 stainless steel construction with TFE seats and seals. A total of four (4) valves are required, two (2) for fill and two (2) for discharge. Alternate approved materials for media fill and discharge lines will be acceptable.

F. Utility valves for the compressed air supply will be bronze or brass or bar stock brass body regular port ball valves.

G. All valve actuators shall be equipped with stainless steel tags embossed with the valve tag identifier raised lettering/numbering corresponding to the process and instrumentation diagram. Provide stainless steel cable/wiring to attach valve tags to their associated valve actuator.

2.05 Instrumentation

A. Each vessel shall be provided with an electronic differential pressure transmitter to communicate the DP signal to the OWNER's SCADA system via a 4-20 mA output. DP transmitter shall be **Rosemount Series 2051C** or approved equal. BIDDER shall provide all tubing, mounting brackets and attachment accessories for a complete function system. The OWNER's installation General Contractor will be responsible for cabling and conduit from the BIDDER's DP transmitter to the OWNER's SCADA system interface. A total of two (2) differential pressure instruments will be provided for each of the three (3) lead/lag systems.

B. The process piping will be equipped with analog pressure gauges to indicate the pressure entering and exiting each vessel and to provide information on the pressure drop across each vessel and the system. The pressure gauges will have a 4 ½" face diameter with a stainless-steel bourdon tube in a glycerin filled housing (1 to 150 psig range) and isolation valve. A total of three (3) will be required for each lead/lag system.

C. Necessary tubing, valves and fittings shall be provided to connect gauges to the indicated pipelines. Each gauge shall be equipped with two valves. One valve for isolation and the other for sampling/air relief.

2.06 Miscellaneous

A. The media fill and discharge lines will be fitted with hose connections, such that media transfer to and from the vessels can be facilitated using transfer hoses. These connectors will be 4" Quick Disconnect Adaptors constructed of corrosion resistant materials (nylon) as manufactured by Dover Corp. as Kamlock connectors or approved equal.

B. Two (2) flush connections will be provided on each media fill line, one upstream and one downstream of the valve. One (1) flush connection will be provided on each media discharge line, downstream of the valve. The connections will be welded into the stainless-steel pipe. Flush connections will consist of a short section of ¾" pipe, a ¾" full port ball valve and a ¾" quick disconnect adaptor to match with water hose fittings.

C. Anchorage requirements for the valve tree pipe support shall be specified by the BIDDER and all anchor bolts necessary for installation shall be provided by the BIDDER. Anchor bolts shall be Hilti Series RE-500 and shall be made of ASTM F593 stainless steel.

D. Provide 12-inch x 12-inch x 30 mils **flexible magnetic signs** with UV resistant die cut vinyl with red 6-inch lettering stating "LEAD" (provide 3 signs) and "LAG" (provide 3 signs).

2.07 PFAS-Selective Resin Media Product

A. The BIDDER shall provide and deliver to the project site sufficient PFAS selective resin media to meet resin bed depths shown in the BIDDER's reviewed and approved shop submittal, plus additional resin media to account for losses during startup and testing.

B. The PFAS selective resin media product shall be approved by the California DDW for use in removing PFAS from ground water for potable water production purposes. Alternate PFAS selective resin media types proposed by the BIDDER as an equal substitution must be approved the California Division of Drinking Water ("DDW").

C. The PFAS selective resin media shall exhibit the following characteristics:

PFAS Selective Resin Media Characteristics	
Polymer Structure	Polystyrene crosslinked with divinylbenzene
Appearance	Spherical Beads
Functional Group	Complex Amino
Mean Diameter	675±75µm
Uniformity Coefficient (max.)	1.3
Specific Gravity	1.05
Shipping Weight (Approx)	650-750g/L (40.6-43.8lb/ft ³)
Temperature Limit	100°C (212.0°F) (Cl ⁻ form)
Temperature Limit	60°C (140.0°F) (OH ⁻ form)

Supplier shall pre-rinse the PFAS selective resin media prior to delivery to the project site. The PFAS selective resin media shall be Purolite PFA694 E, Evoqua PRS2+ or DDW approved equal.

PART 3 Media Installation

- 1) Fill ½ of the vessel with filtered ground water.
- 2) Load ½ of the resin volume into the vessel.
 - a. Forward rinse the resin bed for 15-20 minutes to remove fines from the bed.
 - b. Let bed settle and drain to 10 cm (4 inches) above top of resin bed.
 - c. Determine the resin volume.
 - d. Repeat the procedure with the second half of the resin.
 - e. Confirm the specified volume resin has been installed.
 - f. Determine the pressure drop and confirm its measurement is within submitted tolerances.
- 3) Use supplier's standard method for loading of resin into the vessels.

I. PROPOSAL REQUIREMENTS

To allow for effective OWNER review, the proposal should be limited to no more than fifteen (15) pages excluding the cover letter, table of contents, general layout drawings (plan view and elevation view), overall process schematic, and a brief summary of the BIDDER's qualifications. The proposal shall contain the following information:

1. A description of BIDDER's detailed relevant experience and a description of recently completed similar projects, provide a minimum of 5 projects completed in the last 5 years in California meeting DDW requirements. Provide client references and telephone numbers for the listed projects.
2. Provide a narrative describing the Technical Approach to this specific project. Include the following items:
 - a. Procedures for submittals and coordination with retrofitting requirements of the existing facility.
 - b. Logistics of the fabrication and shipping in relation to the project site.
 - c. Provide an overview of installations requirements and startup and testing.
2. Provide a firm schedule (in Gantt chart format) showing the various major stages of manufacturing, equipment delivery, and equipment testing. Identify key milestones, meetings and review periods. The contract with the successful BIDDER will include late fees of \$1000.00 per day for each and every calendar day of unauthorized delay for delivery of the equipment.
3. General layout drawings (plan view and elevation view) for the equipment must be provided. Sizing information, including elevations for all equipment, should also be included. An overall process schematic identifying the limits of the scope of the equipment to be supplied should be provided, including piping, valves, electrical and controls. BIDDER shall furnish all electrical and instrumentation required for the treatment system. Overall plant controls, connecting the treatment system to the general plant controls will be provided by others.
4. Each BIDDER shall furnish with their proposal the following information as a minimum:
 - a. General arrangement showing the footprint of the lead/lag equipment along with the valve manifold.
 - b. P&ID showing all pipe sizes, valve tag identifiers, and instruments
 - c. Details showing the size and orientation of the nozzles for the vessel
 - d. Profile of the IX vessel indicating the overall height, length of the straight side wall, freeboard, volume of the vessel (cubic feet).
 - e. Calculations showing the vessel volume required for a minimum 535 cf of PFAS selective resin media.
 - f. Details of the water distribution manifold at the top of the vessel
 - g. Details of the bottom manifold including the septa connection.

- h. Location of the 25%, 50% and 75% sample nozzles for a minimum of 535 cf of PFAS selective resin media installed in the vessel.
- i. Screen size opening for the septa (inches).
- j. Total open area in square inches per septa.
- k. Pressure drop for lead/lag system at 2,000 gpm with PFAS selective resin media. Specify the PFAS selective resin product used to calculate the pressure drop.
- l. Plan and profile of lead/lag valve manifold indicating the levels of various pipes.
- m. Number of preassembled pieces for each lead/lag IX system
- n. The BIDDER shall determine the required bed depth of PFAS selective resin media for their proposed pressure vessel configuration to meet PFAS removal goals, volumes of resin stated in this RFP are approximations only.

5. Execute the attached BIDDER's Signature Page.

6. The BIDDER shall provide a written and notarized IX Treatment Capacity Performance Guarantee of the number of treated bed volumes of groundwater (in gallons) before breakthrough occurs for a single treatment vessel, per Task1 requirements in Section II Scope of Services of this RFP.

7. Provide the cost for each item of work listed on the Bid Schedule attached hereto.

8. The BIDDER shall provide a written acknowledgement on company letterhead of the ability to comply with all Specification and Task requirements as identified in the RFP should they be selected for contract award.

II. SCOPE OF SERVICES

The BIDDER will be required to participate in **bi-weekly project teleconferences** for status updates, review current state of submittal plans, schedule updates, installation updates, and general project coordination. Teleconference meetings will be coordinated by OWNER and expected to last **1 hour for the project duration** of design/fabrication, installation, and startup.

The general scope of services is identified in the following tasks:

Task No. 1: System Design, Manufacture, and Delivery

The successful BIDDER shall design, manufacture, and deliver the IX PFAS treatment and pretreatment system equipment to OWNER's Well 10 & 11 located at 7412 Norwalk Blvd, Whittier CA 90606-2152. All BIDDERS shall specify the number of calendar days required from the date of the Notice to Proceed, to design, manufacture and deliver all equipment to the job site.

Task-1 includes the BIDDERS cost to supply and install the PFAS selective resin into the installed treatment system vessels, including resin installation costs for equipment, materials, and labor. The BIDDER shall coordinate with the installation contractor to schedule and install the resin media following the BIDDER's inspection of the treatment system and deeming the installation in compliance with all warranty requirements.

Submittals: Within **28 calendar days** from the date of the Notice to Proceed, the successful BIDDER must furnish OWNER an equipment submittal (drawings, specifications, calculations, materials of construction, etc.) for review and approval of the design prior to the start of manufacturing. The submittal shall contain manufacturer catalog sheets for all major equipment and instrumentation, including valves, pressure gauges, NSF certification of materials, coatings/linings, and structural calculations. The initial submittal shall contain a listing additional system materials and equipment omitted and a schedule for submission of the remaining submittals. The submittal shall be tabbed to clearly delineate the various materials and equipment by section.

Mechanical and process and instrumentation drawings must be submitted in both PDF and **Autocad electronic format**. The drawings shall be developed to the specific requirements of this RFP, supplier off-the-shelf standard model drawings will not be acceptable.

Included in the allowed time shall be a 7-calendar day period for OWNER to review the equipment submittal. The successful BIDDER shall work with OWNER's design engineer during design and OWNER's construction contractor during installation to coordinate layout, instrumentation and controls equipment selection, delivery schedule, and proper installation. In addition, as part of the design process, the successful BIDDER must furnish all necessary design information, plans and specifications for the equipment design prior to the start of manufacturing.

The treatment system design shall include recommended layouts of the equipment, a suggested control strategy, and process and instrumentation diagrams P&IDs for the equipment, which shall clearly show all process piping and valves required for operation of each individual system. The P&IDs shall clearly identify the limits of the equipment to be supplied by the treatment system

manufacturer and the scope of work and supply for the installation contractor. The successful BIDDER shall procure or fabricate any system components without a reviewed and approved submittal from OWNER and its design engineer.

The successful BIDDER must include a warranty of materials and workmanship for the treatment system for a period of one year from the date of OWNER acceptance of the equipment or 24 months from the date of delivery of all equipment. The successful BIDDER shall include drawings in AutoCAD and PDF format with sufficient detail for construction and assembly of all supplied equipment. The system configuration shall be compatible with adjoining piping and equipment. Flanged connection points for the raw water supply, treated water discharge, and other connections shall be identified for use by OWNER in preparing the site design. The system must be designed to conform to the physical criteria listed above in the Background Information, including all connections to support systems and foundations. The system design must also comply with all applicable codes and standards (e.g. piping and connections, materials, anchorage, electrical, etc.).

Warranty and Guaranty:

Warranty and Guarantee Definitions:

“Breakthrough” shall be defined as the point in time when a single IX treatment system vessel effluent water quality changes from non-detect to detect for PFAS in measurements.

“Early breakthrough” of PFAS shall be defined as the detection PFAS in the effluent of a single IX treatment vessel prior to the BIDDER’s guaranteed treatment capacity in terms of treated IX bed volumes, in units of gallons treated.

Water quality data collected by the OWNER from the well sites provides PFAS measurements from recent years and is included as Appendix-A of this RFP. The BIDDER shall utilize the water quality data, in part, to determine their treatment system configuration in a manner to meet treatment requirements of this RFP. Additionally, a pilot study prepared for WRD by GSI Environmental in 2021 is available in Appendix D of this RFP.

Influent water to the IX treatment system will be pretreated using cartridge filters to be supplied and installed by OWNER’s installation General Contractor. The pretreatment filters will protect the IX system from unwanted particles or solids greater than 5 micron in size.

The BIDDER shall provide an IX Treatment Capacity Performance Guarantee on meeting a treatment capacity of no early breakthrough of PFAS in any one of the supplied IX vessels at the rated capacity at up to a 2,000 gpm/vessel maximum flowrate in terms of the number treated bed volumes of water.

The BIDDER shall base the PFAS breakthrough point estimate in terms of treated bed volumes conservatively referring to water quality analysis reports data provided with this RFP and the capabilities of their treatment system design. The BIDDER shall provide a written and notarized IX Treatment Capacity Performance Guarantee of the number of treated bed volumes of

groundwater (in gallons) before breakthrough occurs for a single treatment vessel requiring PFAS selective resin media replacement.

Table-1 lists PFAS species select water quality data from 2022 to 2024 for the offsite Well 8, and the onsite Well 10 and Well 11 from the Appendix-A water quality data. The BIDDER is responsible for reviewing all water quality data in Appendix-A and should not rely solely on the select data in Table-1.

RFP Table-1
LHHWWD Water Quality Data
Select Water Quality Data 2022 - 2024

CA1910218_005_005 CA1910218_005_005 CA1910218_005_005 CA1910218_005_005 CA1910218_005_005
Well 8 Well 8 Well 8 Well 8 Well 8

	5/16/2022	4/24/2023	11/13/2023	4/9/2024	7/9/2024
PFBA	nd	10.0	9.3	10.0	9.8
PFBS	7.9	7.6	7.6	6.6	8.9
PFHxA	3.5	4.2	nd	8.00	10.0
PFHxS	3.4	4.2	3.5	2.4	3.8
PFNA	2.4	2.7	2.3	nd	2.0
PFOA	9.3	8.7	7.6	8.2	10.0
PFOS	22.0	20.0	17.0	13.0	16.0
PFPeA	nd	5.2	9.9	10.0	13.0
PFHpA	nd	nd	1.9	2.1	2.3

* ppt

CA1910218_009_009 CA1910218_009_009 CA1910218_009_009 CA1910218_009_009 CA1910218_009_009
Well 10 Well 10 Well 10 Well 10 Well 10

	5/16/2022	4/24/2023	11/13/2023	4/9/2024	7/9/2024
PFBA	nd	9.7	9.8	11.0	11.0
PFBS	6.8	7.0	7.3	8.1	8.1
PFHxA	3.2	4.4	6.0	6.6	6.9
PFHxS	5.0	4.9	4.8	4.8	5.1
PFNA	2.6	2.8	2.6	2.8	2.1
PFOA	11.0	11.0	11.0	13.0	12.0
PFOS	29.0	27.0	25.0	27.0	24.0
PFPeA	nd	5.7	7.8	8.6	9.2
PFHpA	nd	1.8	1.8	2.4	2.2

* ppt

CA1910218_010_010 CA1910218_010_010 CA1910218_010_010 CA1910218_010_010 CA1910218_010_010
Well 11 Well 11 Well 11 Well 11 Well 11

	5/16/2022	4/24/2023	11/13/2023	4/9/2024	7/9/2024
PFBA	nd	10.0	7.6	9.0	9.3
PFBS	6.6	6.6	5.6	7.0	7.7
PFHxA	1.8	4.9	5.9	6.8	7.6
PFHxS	4.5	4.4	4.7	4.4	5.5
PFNA	2.6	2.8	2.1	2.5	2.6
PFOA	12.0	12.0	11.0	12.0	13.0
PFOS	34.0	31.0	30.0	26.0	30.0
PFPeA	nd	6.7	7.00	nd	9.1
PFHpA	1.8	1.9	nd	2.1	2.3

* ppt

CA1910218_005_005
Well 8

	Max	Min	Avg
PFBA	10.0	6.6	9.8
PFBS	8.9	3.5	7.7
PFHxA	10.0	2.4	6.4
PFHxS	4.2	2.0	3.5
PFNA	2.7	7.8	2.4
PFOA	10.0	13.0	8.8
PFOS	22.0	5.2	17.6
PFPeA	13.0	1.9	9.5
PFHpA	2.3	0.0	2.1

* ppt

CA1910218_009_009
Well 10

	Max	Min	Avg
PFBA	11.0	6.8	10.4
PFBS	8.1	3.2	7.5
PFHxA	6.9	4.8	5.4
PFHxS	5.1	2.1	4.9
PFNA	2.8	11.0	2.6
PFOA	13.0	24.0	11.6
PFOS	29.0	5.7	26.4
PFPeA	9.2	1.8	7.8
PFHpA	2.4	0.0	2.1

* ppt

CA1910218_010_010
Well 11

	Max	Min	Avg
PFBA	10.0	5.6	9.0
PFBS	7.7	1.8	6.7
PFHxA	7.6	4.4	5.4
PFHxS	5.5	2.1	4.7
PFNA	2.8	11.0	2.5
PFOA	13.0	26.0	12.0
PFOS	34.0	6.7	30.2
PFPeA	9.1	1.8	7.6
PFHpA	2.3	0.0	2.0

* ppt

All on-site and off-site wells can be directed to the new IX treatment system in any combination, with a maximum flowrate to the IX treatment system of 6,000 gpm. Therefore the concentration of PFAS in the IX treatment system influent will vary depending the configuration of operating wells. In determining the PFAS IX treatment system design, at a minimum the BIDDER shall consider up to a 20% increase in PFAS species levels in the groundwater could occur, in conjunction with the maximum water quality data provided in this RFP.

Early breakthrough of PFAS through a single treatment vessel shall be warranted for the guaranteed treatment capacity of resin bed volumes (in gallons) after acceptance of the treatment system installation by OWNER. All costs for inspections, meetings, or additional materials, PFAS selective resin media, or equipment and labor to resolve an early breakthrough failure and bring the IX vessel(s) back into treatment compliance with project PFAS removal goals, shall be at the expense of the BIDDER.

Post-acceptance of the treatment facility by OWNER and upon notification by OWNER of early breakthrough occurring on a treatment vessel(s), the BIDDER shall promptly coordinate a visit to the site and evaluate the subject treatment vessel(s). The BIDDER shall prepare a written report to OWNER of the site visit findings and provide recommendations to bring the treatment vessel back in compliance with project PFAS removal goals.

The BIDDER's treatment system guarantees and warranties shall be provided on company letterhead and signed by authorized officer of the BIDDER. During the guarantee period, if any part or equipment component is defective or fails to perform when operating at design conditions, the BIDDER shall repair or exchange such defective part(s).

Task-1 Deliverables:

- 1) Design and equipment/material submittals for review and resubmittals.
- 2) Autocad dimensioned and scaled drawings of mechanical components and P&IDs including:
 - i. Plan view
 - ii. Isometric view
 - iii. Section view right
 - iv. Section view left
 - v. Section view front
 - vi. Section view back
 - vii. Anchoring details vessels
 - viii. Anchoring details valve tree
- 3) Equipment and materials submittals

- 4) Anchoring calculations and design drawings for vessels and pipe/valve tree support stamped and signed by a Professional Engineer in the Structural discipline registered in California
- 5) Equipment delivered to the job site:
 - a. Ready to assemble PFAS 6,000 GPM rated IX treatment system
 - b. Instrumentation:
 - i. Three (3) 12-inch flanged magnetic flow meters
 - ii. DP transmitters (one per vessel, 6 total)
- 6) Approved PFAS selective resin media to fill vessels and with sufficient excess to account for startup and testing losses
- 7) Notarized BIDDER's IX Treatment Capacity Performance Guarantee in terms of treated bed volumes of water prior to breakthrough of PFAS occurring
- 8) BIDDER's Treatment System Warranty – 24 months from installation startup
- 9) BIDDER plan to provide equipment, materials, and labor for installation of the BIDDER provide PFAS selective resin.
- 10) Operation and Maintenance Manuals

Task No. 2: Storage, Field Support During Delivery and Installation

The successful BIDDER shall provide protected storage of the fabricated treatment system at their facility until required for installation at the project site.

The successful BIDDER shall provide field support and general oversight of the loading, delivery, and installation of the equipment during construction of the facility. Field support will consist of a combination of site visits, virtual meetings, written and verbal instructions. Adequate field support must be provided to allow the BIDDER to certify the installation to be satisfactory and compliance with all warranty requirements. Any field issues or questions will be resolved to the satisfaction of OWNER. Field support shall include verification of proper handling, setting, and anchorage of the vessels, and general oversight of the delivery and installation. The successful BIDDER shall document all hours spent by the successful BIDDER in providing field support. A tabulation of hours shall be submitted to OWNER on a weekly basis.

Task-2 Deliverables:

- 1) Written instructions and diagrams to aid the OWNER's installation General Contractor
- 2) Onsite technician field services to guide OWNER's installation contractor with delivery and assembly of the IX system
- 3) Weekly tabulations of work hours extended

Task No. 3: System Inspection, Startup and Testing

The BIDDER shall inspect the installed system and provide the OWNER letter stating the system installation complies with all warrantee requirements. The successful BIDDER shall provide field support and general oversight of the General Contractor during the initial startup of the treatment system. **The BIDDER shall actively install the resin providing equipment, materials, and labor require for the resin media installation.** Assistance from the OWNER's General Contractor will be provided to actuate valves, well pump operations, assist with forward rinse water disposal, and enforcement of site safety protocols.

Initial startup shall be conducted with PFAS selective resin media loaded in the vessels. The field support shall assist in trouble shooting the system of any anonymous results. System startup support shall include both written and verbal instructions to the installation contractor, identifying slow filling rates of vessels, initial flush to waste, sampling, and trouble shooting. The successful BIDDER shall document all hours spent by the successful BIDDER in providing system startup field support. A tabulation of hours shall be submitted to OWNER.

Task-5 Deliverables:

- 1) Letter stating onsite inspection of the system complies with all warranty requirements.
- 2) Onsite technicians field services for resin installation and assist with startup and testing
- 3) The successful BIDDER will submit a startup and testing plan for OWNER review 1 week prior to testing.

Task No. 4: OWNER Operations Staff Training

Upon acceptance of the treatment system by OWNER, the successful BIDDER shall provide OWNER with 10 copies of Operation and Maintenance Manual in 3-ring binders acceptable to DDW for the system. The BIDDER shall revise the Operation and Maintenance Manual based on any DDW revision comments. The successful BIDDER will recommend and provide OWNER personnel with a training program and lead an 8-hour onsite training workshop that will adequately prepare facility operators to maintain compliance with the system warranty.

Task-5 Deliverables:

- 1) Onsite training session for OWNER operations staff

III. PAYMENT

Payment for the equipment and services furnished by the successful BIDDER will be paid in accordance with a payment schedule as follows:

- 10% on Award of Contract
- 25% on final Approved Submittals
- 45% on Delivery to the job site
- 20% on Media Delivery/Installation, and Successful Startup and Testing

A payment schedule shall be included in the proposal.

IV. QUESTIONS

If you have any questions regarding this RFP, please respond in writing to:

Steven Walker
Civiltec Engineering
440 N Mountain Ave #210
Upland, CA 91786
SWalker@Civiltec.com

Check List

The following bulleted items have been provided to supplement the specific requirements described in the RFP and are required in the proposal:

- Shop drawing requirements
 - ✓ Manufacturer data sheets – Marked to indicate options features included
- Equipment details, size, materials of construction, and dimensions
- Total number of treatment vessels
- Shop painting requirements
- Electrical requirements
- Instrumentation requirements
- Installation requirements
- Field testing requirements
- Field services required
- Operator training required
- Warranty requirements
- O&M manual requirements
- Shipping and storage requirements
- Fabrication and delivery schedule
- Delivered cost

V. SELECTION PROCESS

The evaluation of proposals and the selection of a BIDDER will be based upon the following criteria and importance factors in table V-1.

Table V-1: Selection Criteria and Importance Factors.

LHHWCWD PFAS Preurchased PFAS Treatment Equipment Selection Criteria

Criteria	Importance Factor
1. Capability of BIDDER to perform all tasks.	10
2. Documented experience on similar projects.	10
3. Results of reference checks.	9
4. BIDDER's price to perform the work.	8
5. BIDDER's schedule to complete the work.	9
6. Demonstrated record of performance by BIDDER on similar work previously performed on other projects.	9
7. Demonstrated record of the performance of the proposed treatment system.	10
8. Documented ability to receive DDW permitting	10
9. BIDDER's bid volume guarantee.	9
10. BIDDER documented compliance with BABAA requirements and Federal acceptance of proposal meeting BABAA funding requirements.	10

OWNER reserves the right to reject any and all proposals. Proposals shall be valid for at least 90 calendar days.

Expanded selection process description of criteria:

1. The selection process will evaluate the proposals for completeness and clarity to meet the requirements in "Proposal Requirements" Section I.
2. Extents of the BIDDER's documentation of similar projects will be considered important to ensure the new treatment system will perform as required.
3. Accurate contact information of references provided by the BIDDER will be required in order to confirm the satisfaction of prior similar projects with the owners.
4. The bidder's price will be weighed in conjunction with other selection criteria and lowest bid price does not necessarily guarantee award of the contract. A lower price per gallon stated in the treatment guarantee before break-through will yield a higher scoring.
5. The ability of the BIDDER to deliver the treatment system in an expedient manner would reduce overall project schedule and costs. Therefore, the ability to deliver the treatment system faster relative to other bid schedules received would score higher.
6. The verifiable record of the BIDDER's performance to comply with contract requirements such as meeting schedule and cooperation/coordination with the installation contractor will be scored higher.
7. The verifiable record of performance of the BIDDER's treatment system from the submitted similar projects will be considered in the selection process. Prior installations with deficiencies such as early break through or premature mechanical failures would be considered a lower score.
8. The ability to demonstrate past acceptance by DDW of the treatment system for permitting is of high importance. A record of acceptance by DDW will be score higher.
9. The comprehensive wording of the BIDDER's bed volume guarantee will be important. A clearly defined guarantee meeting the requirements of the RFP will be score higher.
10. The ability of the BIDDER's ability to comply with all BABAA funding requirements is highly important to ensure the project can move forward. BIDDERS clearly defining their ability to meet BABAA requirements will be score higher.

During the review of the received proposals a Scoring Factor ranging from 1 to 4 will be assigned as a multiplier to each of the Importance Factors described above. A Scoring Factor of 4 would represent the BIDDER's submission meets/exceeds the criteria fully. The BIDDER with the higher overall score will be recommended for selection of contract award to the OWNER. The OWNER reserves the right select an alternate received BIDDER proposal meeting RFP requirements.

VI. BID SCHEDULE

LHHCWD Well 10 & 11 PFAS IX Treatment System

Bidder's representation section: Bidder is familiar with all laws and regulations that may affect cost, progress, and performance of the work, including BABAA requirements. Line-item descriptions below are in summary of this RFP and may not be explicitly inclusive all items required by this RFP. The BIDDER shall meet all requirements of this RFP and include pricing in the best associated bid line item to provide a fully functional PFAS treatment system.

Item No. 1: IX PFAS Treatment System

IX system equipment including three (3) lead/lag systems valves and lead/lag manifold (Valve Tree), pre-fabrication coordination of submittals, preparation of project specific Autocad electronic mechanical and P&ID drawings, and coordination of OWNER reviews. Includes the treatment system internal components, welded steel piping, supports, coating and linings, instrumentation equipment, DP transmitters, magnetic flow meters, isolation and pressure relief valves, and appurtenances, anchoring design and calculations prepared by a registered Professional Engineer in the State of California, Treatment System Capacity Performance Guarantee and Treatment System materials and workmanship Warranty. BIDDER to provide and install the PFAS selective resin into the OWNER's General Contractor installed treatment system.

PFAS Treatment System	\$
Guaranteed Treatment Capacity Prior to Break Through (million gallons)	

Item No. 2: Delivery and Installation Support

Delivery to the job site in southern California, off-loading of equipment by the OWNER's General Contractor, teleconference meetings and coordination with OWNER's installation General Contractor, providing detailed installation instructions, issuing clarification on installation.

Delivery, meetings, GC coordination, Construction phase services	\$
Hours (specify)	

Item No. 3: System Startup and Testing

Provide onsite inspection of the General Contractor's installation and letter of installation compliance with warranty requirements, Assist the OWNER's General Contractor with startup, testing, and trouble shooting

System Installation Inspection,
Startup and Testing Assistance

\$

Hours (specify)

Item No. 4: OWNER Operations Staff Training

Provide onsite training of the OWNER's staff on operation and maintenance of the treatment system
Provide Operations and Maintenance manuals of for the treatment system in binders

Owner Operations Staff Training

\$

Hours (specify)

Total of Items 1 through 4

BIDDER's Total Price

\$

BIDDER's brochure or full resumes of key personnel shall be included in an appendix. The BIDDER's designated representative shall be identified. Replacement of the designated representative must be approved by OWNER. The appendix is not included in the 15-page proposal limitation.

BIDDERS SIGNATURE PAGE

The undersigned BIDDER certifies that they have fully reviewed the RFP, has fully responded to each of the items listed, and is fully prepared to enter into a binding agreement with OWNER, consistent with the information provided in the RFP.

BIDDER

TITLE

DATE

Authorized Representative

VII. APPENDIX MATERIAL

Appendix A: Water Quality Data

Appendix B: Magnetic Flow Meter

Appendix C: Geotechnical Report

Appendix D: 2021 WRD PFAS Treatment Testing Study

Appendix E: Expansion Joints

Appendix F: AIS Information

**WHITTIER MOBILE COUNTRY
CLUB PROPERTY**

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: AUGUST 25, 2026
TO: BOARD OF DIRECTORS
FROM: JOE MATTHEWS, SECRETARY/GENERAL MANAGER
**SUBJECT: PRESENTATION OF OPINION OF VALUE OF WHITTIER
MOBILE COUNTRY CLUB PROPERTY**

The Board has asked me to determine the estimated value of Whittier Mobile Country Club.

Commercial Real Estate Investors, Inc. has conducted the requested valuation estimates and will be here to present its findings. The presentation will include two valuations:

1. The estimated value of the property in its current state.
2. The estimated value of the property assuming the park's proposed utility improvements are completed.

This presentation will provide the Board with an assessment of the property's value under both scenarios for consideration and discussion.

RESOLUTION 26-09

**A RESOLUTION BY THE BOARD OF
DIRECTORS OF LA HABRA HEIGHTS
COUNTY WATER DISTRICT TO
REQUEST, PURSUANT TO WATER
CODE APPENDIX 98-52 AND 103-6,
THE LOS ANGELES COUNTY BOARD
OF SUPERVISORS TO APPOINT
UNCHALLENGED CANDIDATES AS
DIRECTORS ON THE LA HABRA
HEIGHTS COUNTY WATER
DISTRICT BOARD OF DIRECTORS**

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: AUGUST 25, 2026
TO: BOARD OF DIRECTORS
FROM: JOE MATTHEWS, SECRETARY/GENERAL MANAGER
**SUBJECT: RESOLUTION 26-09 REQUESTING L.A. COUNTY
SUPERVISORS APPOINT UNCHALLENGED CANDIDATES TO
LA HABRA HEIGHTS COUNTY WATER DISTRICT BOARD OF
DIRECTORS**

The filing period for nomination documents for election to the District's Board of Directors closed on August 7, 2026, with no challenges filed against nominees Brad Cooke and Karen Baroldi.

Pursuant to the applicable provisions of the Water Code, the District is required to adopt a resolution requesting that the Los Angeles County Board of Supervisors appoint Brad Cooke and Karen Baroldi to serve on the District's Board of Directors.

RESOLUTION 26-09

A RESOLUTION BY THE BOARD OF DIRECTORS OF LA HABRA HEIGHTS COUNTY WATER DISTRICT TO REQUEST, PURSUANT TO WATER CODE APPENDIX 98-52 AND 103-6, THE LOS ANGELES COUNTY BOARD OF SUPERVISORS TO APPOINT UNCHALLENGED CANDIDATES AS DIRECTORS ON THE LA HABRA HEIGHTS COUNTY WATER DISTRICT BOARD OF DIRECTORS

1. RECITALS

WHEREAS La Habra Heights County Water District ("LHHCWD") is a California County Water District incorporated pursuant to Water Code Section 30000, et seq., and located within the boundaries of the County of Los Angeles;

WHEREAS LHHCWD is scheduled to hold elections to fill two open seats on LHHCWD's Board of Directors on November 3, 2026; and

WHEREAS only two candidates have filed papers for candidacy for the two open seats on LHHCWD's Board of Directors as of August 25, 2026.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF LHHCWD AS FOLLOWS:

2. RESOLUTION

LHHCWD's Board of Directors, pursuant to Water Code Appendix 98-52 and 103-6, hereby resolves to request that the Los Angeles County Board of Directors appoints to LHHCWD's Board of Directors the three candidates who filed papers for candidacy in lieu of holding an election.

ADOPTED, SIGNED, AND APPROVED this 25th day of August 2026.

Brad Cooke, President
Board of Directors of
La Habra Heights County Water District

ATTEST:

Joe Matthews, Secretary

(SEAL)

I, JOE MATTHEWS, Secretary of the Board of Directors of the La Habra Heights County Water District, do hereby certify that the foregoing Resolution was introduced at a regular meeting of the Board of Directors of said District, held on the 25th day of August 2026, and was adopted at that meeting by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Joe Matthews, Secretary
Board of Directors of the La Habra
Heights County Water District

RESOLUTION 26-10

**A RESOLUTION OF THE BOARD OF
DIRECTORS OF
LA HABRA HEIGHTS COUNTY
WATER DISTRICT
IN SUPPORT OF ASSOCIATION OF
CALIFORNIA WATER AGENCIES
VISION FOR OUR WATER FUTURE**

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: AUGUST 25, 2026
TO: BOARD OF DIRECTORS
FROM: JOE MATTHEWS, SECRETARY/GENERAL MANAGER
SUBJECT: RESOLUTION 26-10 SUPPORTING ACWA'S VISION FOR OUR WATER FUTURE INITIATIVE

Last month, I brought this Resolution before the Board for consideration and approval in support of AWCA's Vision for Our Water Future. This was intended as a first step toward seeking ACWA's assistance in advocating with future elected officials to address PFAS in wastewater used for basin replenishment.

I have since amended the Resolution to specifically include PFAS language, as addressing PFAS is our primary focus in requesting ACWA's assistance. I recommend that the Board approve Resolution 26-10, supporting AWCA's Vision for Our Water Future.

RESOLUTION 26-10

A RESOLUTION OF THE BOARD OF DIRECTORS OF LA HABRA HEIGHTS COUNTY WATER DISTRICT IN SUPPORT OF ASSOCIATION OF CALIFORNIA WATER AGENCIES VISION FOR OUR WATER FUTURE

WHEREAS, in April 2026, the Association of California Water Agencies (ACWA) launched Vision for Our Water Future, a member-driven initiative to identify statewide water priorities to inform engagement with California's next Administration; and

WHEREAS, the Vision for Our Water Future priorities are a set of recommendations for the next governor, emphasizing the importance of strong leadership, sustainable investment and coordinated action across all levels of government to secure California's water future; and

WHEREAS, the first priority is to lead on water and elevate water as foundational to California's economy, agriculture, communities, environment and climate resilience through sustained leadership and coordinated state action; and

WHEREAS, the second priority is to ensure safe and reliable water remains affordable through sustained and predictable funding partnerships and streamlined investment delivery; and

WHEREAS, the third priority is to strengthen and modernize California's water infrastructure, including both built and natural systems, to improve reliability and resilience; and

WHEREAS, the fourth priority is to improve regulatory, operational and scientific frameworks to enable efficient project delivery and adaptive water management; and

WHEREAS, local water agencies play a critical role in delivering safe and reliable water supplies and are essential partners in implementing statewide solutions; and

WHEREAS, concentrations of per- and polyfluoroalkyl substances (PFAS) are affecting La Habra Heights County Water District's ability to provide reliable and affordable drinking water to its rate payers; and

WHEREAS, La Habra Heights County Water District commits to work with ACWA to inform California's next administration of the importance of funding needed to support PFAS removal from groundwater supplies throughout the state; and

WHEREAS, supporting the Vision recommendations demonstrates a unified commitment to collaborative, science-based and practical policies that advance a secure and resilient water future for California's communities, farms, economy and environment; now, therefore, be it

RESOLVED that La Habra Heights County Water District hereby expresses support for ACWA's Vision for Our Water Future recommendations and affirms its commitment to working collaboratively to advance reliable, affordable and resilient water supplies.

PASSED, APPROVED AND ADOPTED on August 25, 2026.

Bradley Cooke, President
Board of Directors, La Habra
Heights County Water District

ATTEST:

Joe Matthews, Secretary

[Seal]

I, JOE MATTHEWS, Secretary of the Board of Directors of the La Habra Heights County Water District, do hereby certify that the foregoing Resolution was introduced at a regular meeting of the Board of Directors of said District, held on the 25th day of August 2026, and was adopted at that meeting by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Joe Matthews, Secretary
Board of Directors of the La Habra
Heights County Water District

DISCUSS AND ACTION –

**CHANGING START TIME OF
REGULAR BOARD OF DIRECTORS
MEETINGS**

LA HABRA HEIGHTS COUNTY WATER DISTRICT

MEMORANDUM

DATE: AUGUST 25, 2026
TO: BOARD OF DIRECTORS
FROM: JOE MATTHEWS, SECRETARY/GENERAL MANAGER
**SUBJECT: PRESENTATION OF OPINION OF VALUE OF WHITTIER
MOBILE COUNTRY CLUB PROPERTY**

The Board has asked me to determine the estimated value of Whittier Mobile Country Club.

Commercial Real Estate Investors, Inc. has conducted the requested valuation estimates and will be here to present its findings. The presentation will include two valuations:

1. The estimated value of the property in its current state.
2. The estimated value of the property assuming the park's proposed utility improvements are completed.

This presentation will provide the Board with an assessment of the property's value under both scenarios for consideration and discussion.