

Memorandum

To: Craig City Council and Administration

From: Carl R. Ray, Water and Wastewater Director

Date: December 11, 2024

Re: 2025 Chemical bid review and recommendations

As part of the bid process for required Water and Wastewater Plant chemicals for 2025, bid packets were sent out to 16 assorted chemical suppliers. We received back 12 bid packets. My recommendations below reflect the lowest bids that meet our requirements and specifications.

Item	Recommendation	Reason
A - PACL/ACH 1158 or CC2215 (bulk) - Alt: 820B and CC2220	USALCO USALCO	Lowest Bid Lowest Bid
B - Salt	Snyder & Counts Feed	Lowest Bid
C - Soda Ash	Harcros Chemicals	Lowest Bid
D - Chlorine(ton cylinder)	PVS DX Inc	Lowest/Only Bid
E - Sulfur Dioxide(ton cylinder)	PVS DX Inc	Lowest/Only Bid
F - Potassium Permanganate	United Mineral & Chemical	Lowest Bid
G - Sodium Fluorosilicate	Univar Solutions	Lowest Bid
H - Powdered Activated Carbon	Carbon Activated Corp.	Lowest Bid
I/J - Coagulant/Filter Aid Polymer	Thatcher Company Inc.	Lowest/Only Bid
K- Calcium Hypochlorite T/G*	Chemrite Inc.	Lowest Bid
L - Sodium Hypochlorite B/D*	Treatment Technology Hldg	Only bid to include tote and drum
M - Ammonium Sulfate Sol. T/D*	Harcros Chemicals	Lowest Bid

I've attached a bid tabulation sheet for your convenience, with my award recommendations highlighted in yellow.

Chemical	Thatcher Company, Inc	PVs DX Inc.	Snyder & Counts Feed	Summit Chemical Specialty	USALCO	DuBois	UNIVAR	Sterling	Harcros Chemicals, Inc.	Shannon Chemical Corp.	Chemrite Inc.	Chemtrade Chemicals US LLC	Karbonous, Inc.	Treatment Technology Holding	Carbon Activated Corp.	United Mineral and Chemical
A-PACL /ACH 1158 or 2215	NB	NB	NB	0.616	0.594	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
(alt) 820B or CC2220	NB	NB	NB	0.642	0.622	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
B-Salt	NB	NB	0.1598	NB	NB	NB	0.24 ^a	NB	NB	NB	NB	NB	NB	NB	NB	NB
C-Soda Ash	NB	NB	NB	NB	NB	NB	0.36 ^a	NB	0.33 ^a	NB	NB	NB	NB	NB	NB	NB
D-Chlorine (Ton)	NB	2.50**	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
E-Sulfur Dioxide (Ton)	NB	2.50**	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
F-Potassium Permanganate	NB	NB	NB	NB	NB	NB	3.15 ^a	NB	NB	4.17 ^b	2.76***	NB	NB	2.88	NB	2.31
G-Sodium Fluorosilicate	NB	NB	NB	NB	NB	NB	1.53 ^a	NB	1.7 ^a	NB	1.76***	NB	NB	1.97	NB	NB
H- Powdered Act. Carbon	NB	NB	NB	NB	NB	NB	2.00 ^a	NB	NB	NB	2.35***	NB	NB	NB	1.89	NB
I- Coagulant Aid - Polymer	5.50	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
J-Filter Aid - Polymer	5.50	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
K-Calcium Hypochlorite T/G*	NB	NB	NB	NB	NB	NB	2.76 ^a	NB	2.85 ^a	NB	2.49***	NB	NB	2.55 ^c	NB	NB
L- Sodium Hypochlorite B/D*	NB	NB	NB	NB	NB	NB	5.33 ^a	NB	NB	NB	NB	NB	NB	4.55/5.75	NB	NB
M- Ammonium Sulfate Sol T/D*	NB	NB	NB	NB	NB	NB	5.74 ^a	NB	5.075/5.68 ^a	NB	NB	NB	NB	5.47/5.98	NB	NB
*Note: Item K - T/G = tablet or granular on a cost per pound basis. Items L & M - B/D or T/D = bulk or tote/drum on a cost per gallon basis.																
** PVS DX Inc. charges \$50 per container per month. Chlorine Superfund fee. Requires "All or nothing" for both Chlorine and Sulfur Dioxide.																
*** Chemrite, Inc. requires full pallets only for Potassium Permanganate, Sodium Fluorosilicate and Powdered Activated Carbon. 8 pail minimum for Calcium Hypochlorite.																
^Harcros Chemicals, Inc pricing listed as "delivered". Ammonium Sulfate price per gallon \$5.075/gallon for totes and \$5.68/gallon for drums(converted from price/pound)																
^a Univar Solutions requires minimum order 882 bags of Salt, 66 bags Powdered Activated Carbon(2 pallets), 500 lbs Calcium Hypochlorite. 4 drums Sodium Hypochlorite(\$293.15/drum or \$5.33/gal). 4 totes Ammonium Sulfate(\$1849.20/tote or \$5.74/gal)																
^b Shannon Chemical Corp.Potassium Permanganate minimum 36 pails per delivery																
^c Treatment Technology Holding Calcium Hypochlorite granular only.																