

Memorandum

To: Craig City Council and Administration

From: Carl R. Ray, Water and Wastewater Director

Date: January 4, 2024

Re: 2024 Chemical bid review and recommendations

As part of the bid process for required Water and Wastewater Plant chemicals for 2024, bid packets were sent out to 19 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)	USALCO	Lowest Bid
- Alt: 820B and CC2220	USALCO	Lowest Bid
B - Salt	Snyder & Counts Feed	Lowest Bid
C - Soda Ash	Harcros Chemicals	Lowest Bid
D - Chlorine(ton cylinder)	DPC Industries	Lowest/Only Bid
E - Sulfur Dioxide(ton cylinder)	DPC Industries	Lowest/Only Bid
F - Potassium Permanganate	Shannon Chemical Corp	Lowest Bid
G - Sodium Fluorosilicate	Harcros Chemicals	Lowest Bid
H - Powdered Activated Carbon	Karbonous Inc.	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	Lowest Bid(only drums are used)
M - Ammonium Sulfate Sol. T/D*	Treatment Technology Hldg	Lowest Bid

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

Year 2024

Chemical Bid Tabulation Sheet

Number in Price/lb
(Unless otherwise noted)
NB = No Bid
Yellow = Accepted Bid

Chemical	Thatcher Company, Inc.	DPC Ind. 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	SNF Water Science
A-PACL./ACH 1158 or 2215	NB	NB	NB	0.637	0.562	NB	NB	NB	NB	NB	NB	0.70 ^b	NB	NB	NB
(alt) 820B or CC2220	NB	NB	NB	0.663	0.592	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
B-Salt	NB	NB	0.1398	NB	NB	NB	NB	NB	0.17 ^a	NB	NB	NB	NB	0.205	NB
C-Soda Ash	3.65 ^a	NB	NB	NB	NB	NB	NB	NB	0.3 ^a	NB	NB	NB	NB	0.529	NB
D-Chlorine (Ton)	NB	2.00**	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
E-Sulfur Dioxide (Ton)	NB	2.00**	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
F-Potassium Permanganate	NB	NB	NB	NB	NB	NB	NB	NB	5.15 ^a	2.94	2.98***	NB	NB	NB	NB
G-Sodium Fluorosilicate	NB	NB	NB	NB	NB	NB	NB	NB	1.6 ^a	NB	1.98***	NB	NB	2.00	NB
H- Powdered Act. Carbon	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	2.55***	NB	1.5	NB	NB
I- Coagulant Aid - Polymer	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
J-Filter Aid - Polymer	5.5 ^a	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	NB	NB	NB	NB	2.65***	NB	NB	3.12	NB
L- Sodium Hypochlorite B/D*	3.85/.9.59 ^a	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	4.95/5.75	NB
M- Ammonium Sulfate Sol T/D*	NB	NB	NB	NB	NB	NB	NB	NB	0.59 ^a	NB	NB	NB	NB	.5874/.6277	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.

** DPC Ind., 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 and Sodium Fluorosilicate, 2 full pallets minimum for Powdered Activated Carbon, and 8 pail minimum for Calcium Hypochlorite.

^aHarcros Chemicals, Inc pricing listed as "delivered".

^a Thatcher Chemical Soda Ash 250 bag minimum(12,500 lbs), Filter Aid Polymer minimum order 450 lb drum, Sodium Hypochlorite 220 gals minimum(1 pallet).

^b Chemtrade Chemicals product Hyper-ion 810 not on City of Craig Water Department approved chemical list.