

# MEMORANDUM

To: Craig City Council & Administration  
From: Carl R. Ray, Water & Wastewater Director  
Date: February 8, 2023  
Re: Chemical bids review and recommendations.

Below are my recommendations for which chemical companies to award bids to, for the 2023 process chemicals to be used at the water and wastewater plants. Seventeen bid packets were sent out to various chemical suppliers. The city received nine bids, one bid that arrived late, and we received no response from two suppliers on January 31, 2023. All of my recommendations are for the lowest bid that meets all requirements of the specifications.

**Item A. PACL/ACH 1158 or CC2215** (Bulk) – to USALCO the **lowest bid**.

(Alt: 820B & CC2220) (Bulk) – to USALCO the **lowest bid**.

(These bids have met the bid specifications for prequalification of this chemical)

**Item B. Salt** - to Snyder & Counts Feed the **lowest/only bid**.

**Item C. Soda Ash** - to Harcros Chemical, Inc. the **lowest bid**.

**Item D. Chlorine (ton cylinder)** - to DPC Industries, Inc. the **lowest bid\***.

**Item E. Sulfur Dioxide (ton cylinder)** - to DPC Industries, Inc. the **lowest bid\***.

**Item F. Potassium Permanganate** – to Chemrite Inc. the **lowest bid**.

**Item G. Sodium Fluorosilicate** – to Univar Solutions USA, Inc. the **lowest bid**.

**Item H. Powdered Activated Carbon** – to Chemrite, Inc the **lowest/only bid**.

**Item I. Coagulant Polymer** – No Bid

**Item J. Filter Aid Polymer** – to Thatcher Company, Inc. the **lowest/only bid**.

**Item K. Calcium Hypochlorite** - to Chemrite, Inc. the **lowest bid**.

**Item L. Sodium Hypochlorite** – to Treatment Technology Holding the **lowest bid**.

**Item M. Ammonium Sulfate Solution 40%** - to Treatment Technology Holding the **lowest bid**.

I've attached a bid tabulation sheet for your convenience, and have highlighted (in yellow) my award recommendations.

Note\* DPC Industries, Inc. was the lowest bid for Item D chlorine, and the lowest bid for item E sulfur dioxide. DPC Industries, Inc. note a separate Superfund charge of \$5.40 per ton for chlorine, and also charges \$50/container-month rental. Based on typical use and quantity of cylinders on hand, the estimated net cost is \$1.6027/lb for chlorine and \$1.6000/lb for sulfur dioxide.

Year 2023

## Chemical Bid Tabulation Sheet

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

Chemical	Thatcher Company, Inc.	DPC Industries, Inc.	Snyder & Counts Feed	Summit Chemical Speciality	USALCO	DuBois	UNIVAR Solutions USA, Inc.	Sterling	Harcros Chemicals, Inc.	Shannon Chemical Corp.	Chemrite Inc.	Treatment Technology Holding
<b>A</b> -PACL./ACH 1158 or 2215	NB	NB	NB	0.613	0.574	NB	NB	NB	NB	NB	NB	NB
<b>(alt)</b> 820B or CC2220	NB	NB	NB	0.649	0.609	NB	NB	NB	NB	NB	NB	NB
<b>B</b> -Salt	NB	NB	***0.13	NB	NB	NB	NB	NB	NB	NB	NB	NB
<b>C</b> -Soda Ash	1.07	NB	NB	NB	NB	NB	NB	NB	0.30	NB	NB	0.529
<b>D</b> -Chlorine (Ton)	3.00	1.5**	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
<b>E</b> -Sulfur Dioxide (Ton)	3.25	1.5**	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
<b>F</b> -Potassium Permanganate	NB	NB	NB	NB	NB	NB	NB	NB	3.60	6.47	3.33	NB
<b>G</b> -Sodium Fluorosilicate	NB	NB	NB	NB	NB	NB	2.02	NB	2.05	NB	2.15	2.31
<b>H</b> - Powdered Act. Carbon	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	2.35	NB
<b>I</b> - Coagulant Aid - Polymer	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
<b>J</b> -Filter Aid - Polymer	5.5	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB	NB
<b>K</b> -Calcium Hypochlorite T/G*	NB	NB	NB	NB	NB	NB	3.70	NB	NB	NB	2.55	4.35
<b>L</b> - Sodium Hypochlorite B/D*	7.83/15.88	NB	NB	NB	NB	NB	NB/6.61	NB	NB	NB	NB	3.98/5.01
<b>M</b> - Ammonium Sulfate Sol T/D*	11.04/21.50	NB	NB	NB	NB	NB	NB	NB	6.55/NB	NB	NB	5.98/6.39

\*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 Industries, Inc. charges \$50 per container per month. Also, for chlorine, the Superfund tax of \$5.40/ton will be applied. Estimated cost for Chlorine is \$1.6027/lb. Estimated cost for Sulfur Dioxide is 1.6000/lb.

\*\*\*Failed to submit bid by deadline.