

memorandum

TO: City Council
John Godwin, City Manager

FROM: Doug Harris, Director of Utilities

SUBJECT: **AWARD WATER & WASTEWATER TREATMENT CHEMICAL BIDS**

DATE: 07/20/2016

BACKGROUND: Bids for water and wastewater treatment chemicals are scheduled annually. Bids were received and publicly opened at 3:00 p.m. on 07/19/2016.

STATUS OF ISSUE: Bids were advertised in *The Paris News* on 07/03/2016 and 07/10/2016 and published on the City of Paris Department of Utilities website; bid packets were mailed to 54 vendors, 23 submitted bids. Low bids received: Chlorine, \$568.00/ton, Brenntag Southwest; Alum, \$176.00/ton, Chemtrade Chemicals US.; Ammonia, \$1,410.00/ton, Tanner Industries; Bulk Lime, \$161.00/ton, Texas Lime Company; Bagged Lime, \$269.00/ton, Texas Lime Company; Powdered Activated Carbon, \$0.514/lb., Standard Purification.; Sulfur Dioxide, \$730.00/ton, Brenntag Southwest; Sodium Hydroxide, \$448.00/ton, Brenntag Southwest; Polymer, \$0.89/lb., Polydyne Inc.; Fluoride, \$2.16/gal, Mosiac. The bid tabulation is attached. All original bid documents are available for review in the office of the City Clerk.

BUDGET: Department 82 - Water Production 10-0211-82-00: \$472,740.00; Department 86 – Wastewater Treatment 10-0211-86-00: \$109,400.00; Overall total: \$582,140.00.

RECOMMENDATION: Approve the low bids received for water and wastewater treatment chemicals to be used in FY 2016/2017.

City of Paris

Bid Tabulation

Bids Received: July 19, 2016

Effective: Oct 1, 2016-Sep 30, 2017

Chemical: FY15-16 Price: Unit FY15-16 Supplier:	Chlorine \$ 589.00 ton Brenntag SW	Alum \$ 179.50 ton Chemtrade	Ammonia \$ 1,500.00 ton Tanner Industries	Lime (Bulk) \$ 163.29 ton Austin White Lime	Lime (Bag) \$ 268.60 ton Texas Lime	P A C \$ 0.4950 lb. Norit Americas	SO 2 \$ 730.00 ton Brenntag SW	NaOH \$ 437.00 ton Brenntag SW	Polymer \$ 1.010 lb. Polydyne	Fluoride \$ 2.490 gal. Univar
Affinity Chemical		249.00								
Airgas Specialty Products			1,460.00							
Austin White Lime				163.77	282.39					
BHS Specialty Chemicals										2.2183
Brenntag Southwest, Inc.	568.00	340.00				0.5699	730.00	448.00		
Cabot Norit Activated Carbon						0.53				
Cal-Pacific Carbon, LLC						0.67				
Chameleon Industries, Inc.		317.75								
Chemtrade Chemicals US		176.00								
DPC Industries, Inc.	695.00						775.00	495.40		
FSTI, Inc.								513.00		
GEO Specialty Chemicals, Inc.		430.04								
K. A. Steel Chemicals, Inc.								535.00		
Lhoist North America				188.00	308.00					
Mosaic										2.16
Pencco, Inc.										2.25
Polydyne, Inc.									0.89	
Solenis, LLC									0.96	
Standard Purification						0.514				
Sterling Water Technology									1.2946	
Tanner Industries			1,410.00							
Texas Lime Company				161.00	269.00					
Univar USA, Inc.								479.00		2.46
High:	\$ 695.00	\$ 430.04	\$ 1,460.00	\$ 188.00	\$ 308.00	\$ 0.6700	\$ 775.00	\$ 535.00	\$ 1.29	\$ 2.46
Low:	\$ 568.00	\$ 176.00	\$ 1,410.00	\$ 161.00	\$ 269.00	\$ 0.5140	\$ 730.00	\$ 448.00	\$ 0.890	\$ 2.16
Unit Cost Difference:	\$ (21.00)	\$ (3.50)	\$ (90.00)	\$ (2.29)	\$ 0.40	\$ 0.02	\$ -	\$ 11.00	\$ (0.12)	\$ (0.33)
Estimated Units WTP:	100	1000	30	100	10	25000		250		25000
Estimated Units WWTP:	50						50		50000	
Change per Chemical:	\$ (3,150.00)	\$ (3,500.00)	\$ (2,700.00)	\$ (229.00)	\$ 4.00	\$ 475.00	\$ -	\$ 2,750.00	\$ (6,000.00)	\$ (8,250.00)
Total Cost per Chemical:	\$ 85,200.00	\$ 176,000.00	\$ 42,300.00	\$ 16,100.00	\$ 2,690.00	\$ 12,850.00	\$ 36,500.00	\$ 112,000.00	\$ 44,500.00	\$ 54,000.00
Total Chemical Cost:	\$ 582,140.00									
Overall Change:	\$ (20,600.00)									
							Estimated Chemical Cost for FY 2016/2017 10-0211-82-00:		\$ 472,740.00	
							Estimated Chemical Cost for FY 2016/2017 10-0211-86-00:		\$ 109,400.00	