

CLAYTON COUNTY WATER AUTHORITY

Request for Bid

WATER AND WASTEWATER TREATMENT CHEMICALS

Bid Opening: Tuesday, February 2, 2016 at 2:00 p.m. local time

ADDENDUM # 1

Dated: January 11, 2016

Acknowledgment of receipt of this addendum MUST BE SIGNED AND INCLUDED IN YOUR RESPONSE TO THE RFB.

REVISION:

1. **The Bid Form has been revised. Please use the revised version which is provided with this Addendum on pages 2-4.1R through 2-4.5R.**

Revision included the deletion of lines 14 and 23 (no need for price per gallon on either Caustic Soda or Ferric Sulfate).

QUESTIONS:

1. **Could you advise current pricing for products included in above referenced bid/contract?**

Answer: Please see results on pages 2 and 3 of this Addendum.

2. **I was wondering if you could please send me the bid tab from the previously awarded bid.**

Answer: Please see results on pages 2 and 3 of this Addendum.

3. **On the list of chemicals- Caustic 20% @ usage of 4,000,000 pounds is listed twice- is that correct? Total usage of 8,000,000 pounds?**

Answer: The Bid Form has been revised, and is provided with this Addendum.

4. **I am interested in more information on the polymers you are bidding- item numbers 16, 17, 18, and 19. What facilities are these being used at, are trials required prior to bidding, and who are the contacts for scheduling a time to run some lab tests.**

Answer: Refer to the Polymer Performance Evaluation RFI package on our website (www.ccwa.us) for detailed information on our polymer evaluation program. As a summary, the evaluation will be done at our three Water Reclamation Facilities.

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A D D E N D U M # 1

Vendors are encouraged to bring their products to our facilities and run a series of tests to determine which product(s) they would like to run through our performance evaluation process. As always the polymer product(s) CCWA are currently running will be the competition.

The test will have two phases and both phases must be completed successfully at the sole discretion of CCWA for approval as a polymer to be used in our Water Reclamation system. Testing will run from November 2015 through July 31, 2016. Any and all polymer(s) deemed "successful" will be included in our **2017** Annual Chemical RFB. Each vendor wanting to participate in the polymer performance evaluation must first submit the request to each facility per the form included in the RFI package.

For your convenience, a link to the RFI package can be accessed by clicking [here](#).

SIGNATURE

COMPANY NAME

DATE

CLAYTON COUNTY WATER AUTHORITY

2015 Water and Wastewater Treatment Chemicals - BID RESULTS

Item No:	1	2	3	4	5	6	7	8	9	10	11	12	13
Item Description:	Liquid Aluminum Sulfate	Dense Soda Ash	Bulk Hydrated Lime	Liquid Lime 30% Calcium Hydroxide	Powdered Activated Carbon 50 lb bag	Powdered Activated Carbon 1,000 lb sack	Sodium Silica Fluoride	Fluorosilic Acid 23%	Copper Sulfate Med. Crystal	Phosphoric Acid 36% PO ₄	Sodium Hydroxide 25%	Sodium Hypochlorite 12.5% 55 gal drum	Sodium Hypochlorite 12.5% Bulk tanker
Price per:	/ dry ton	/ lb	/ lb	/ lb	/ lb	/ lb	/ lb	/ gal	/ lb	/ gal	/ lb	/ gal	/ gal
AFFINITY CHEMICAL	258.50												
ALLIED UNIVERSAL CORP													0.665
BASF CORP.													
BRENNTAG MID-SOUTH		0.24			0.60	0.60	0.46		2.384		0.18	1.70	0.60
BURNETT LIME CO. INC.				0.055									
C & S CHEMICALS, INC.	450.00												
CARMEUSE LIME & STONE			0.101385										
CARUS CORPORATION										2.652			
CEDARCHEM, LLC													
CHEMRITE, INC.			0.100145						1.84	3.167			
CHEMTRADE CHEMICALS	184.49												
CHEMTREAT INC.													
CHENEY LIME & CEMENT CO.			0.96965										
COLONIAL CHEMICAL SOLUTIONS		0.248		0.0524					1.60	2.59	0.1459	1.646	
DPC ENTERPRISES													0.5969
E & C CHEMICALS										2.75	0.16		
EVOGUA WATER TECHNOLOGIES													
F2 INDUSTRIES					0.64	0.61				2.94			
FORT BEND SERVICES, INC.													
GEO SPECIALTY CHEMICALS	363.81												
GREER INDUSTRIES			0.1175										
GULBRANDSEN TECHNOLOGIES													
KEMIRA WATER SOLUTIONS													
KEY CHEMICAL INC.								2.06					
LHOIST NORTH AMERICA of AL			0.1106										
MOSAIC GLOBAL SALES								2.09					
PENCCO INC.								2.80					
POLYDYNE, INC.													
SHANNON CHEMICAL CORP.								3.17	2.17	2.52			
SOLENIS, LLC													
SOUTHERN STATES CHEMICAL													
STERLING WATER TECH (Covine)										3.1008			
SUMMIT CHEMICAL SPECIALTY PRODUCTS													
THATCHER CHEMICAL OF FL					0.650	0.650	0.513		1.588				
UNIMIN LIME CORP.			0.09022										
UNIVAR USA, INC.		0.275			1.25	1.25	0.52		1.65	2.7523	0.17	2.18	0.639
WATER SOLUTIONS (Azure)													
Lowest Bid Amount:	184.49	0.24	0.09022	0.0524	0.60	0.60	0.46	2.06	1.588	2.52	0.1459	1.646	0.5969
LOWEST BIDDERS:	CHEMTRADE CHEMICALS	BRENNTAG MID-SOUTH	UNIMIN LIME CORP.	COLONIAL CHEMICAL SOLUTIONS	BRENNTAG MID-SOUTH	BRENNTAG MID-SOUTH	BRENNTAG MID-SOUTH	KEY CHEMICAL INC.	THATCHER CHEMICAL OF FL	SHANNON CHEMICAL CORP.	COLONIAL CHEMICAL SOLUTIONS	COLONIAL CHEMICAL SOLUTIONS	DPC ENTERPRISES

CLAYTON COUNTY WATER AUTHORITY

2015 Water and Wastewater Treatment Chemicals - BID RESULTS

Item No:	14	14	15	16	17	18	19	20	20	21	22	23
Item Description:	Caustic Soda 20%	Caustic Soda 20%	Polymer, Ashland Praestol K144L	Polymer -SE-365	Polymer Polydyne SE-365	Sulfuric Acid 78% (gallon)	Sulfuric Acid 78% (tote)	Femic Sulfate liquid	Femic Sulfate liquid	Purate bulk	Purate tote	Aluminum Chlorohydrate
Price per:	/ gal	/ lb	/ lb	/ lb	/ gal	/ gal	/ lb	/ lb of Iron EE	/delivered gal	/ lb	/ lb	/ lb
AFFINITY CHEMICAL												
ALLIED UNIVERSAL CORP	0.58	0.057										
BASF CORP.			Non-responsive	Non-responsive	Non-responsive							
BRENNTAG MID-SOUTH	0.625	0.06127	Non-responsive				0.22					0.28
BURNETT LIME CO. INC.												
C & S CHEMICALS, INC.												
CARMEUSE LIME & STONE												
CARUS CORPORATION												
CEDARCHEM, LLC												0.273
CHEMRITE, INC.	0.63189	0.06195										
CHEMTRADE CHEMICALS								1.2069				0.211
CHEMTREAT INC.			Non-responsive	Non-responsive					0.75	0.90		
CHENEY LIME & CEMENT CO.												
COLONIAL CHEMICAL SOLUTIONS	0.7549	0.0738					0.175					
DPC ENTERPRISES												
E & C CHEMICALS	1.23	0.12										
EVOQUA WATER TECHNOLOGIES										0.538	0.934	
F2 INDUSTRIES												
FORT BEND SERVICES, INC.			Non-responsive		Non-responsive							
GEO SPECIALTY CHEMICALS												
GREER INDUSTRIES												
GULBRANDSEN TECHNOLOGIES												0.232
KEMIRA WATER SOLUTIONS								0.842				0.280
KEY CHEMICAL INC.												
LHOIST NORTH AMERICA of AL												
MOSAIC GLOBAL SALES												
PENCOO INC.								1.12				
POLYDYNE, INC.			Non-responsive	0.85	0.90							
SHANNON CHEMICAL CORP.												
SOLENIS, LLC			1.22									
SOUTHERN STATES CHEMICAL						1.51						
STERLING WATER TECH (Coyne)												
SUMMIT CHEMICAL SPECIALTY PRODUCTS												0.243
THATCHER CHEMICAL OF FL												
UNIMIN LIME CORP.												
UNIVAR USA, INC.	0.6111	0.06015				1.6075	0.28					
WATER SOLUTIONS (Azure)										0.448	0.75	
Lowest Bid Amount:	0.58	0.057	1.22	0.85	0.90	1.51	0.175	0.842		0.448	0.75	0.211
LOWEST BIDDERS:	ALLIED UNIVERSAL CORP	ALLIED UNIVERSAL CORP	SOLENIS, LLC	POLYDYNE, INC.	POLYDYNE, INC.	SOUTHERN STATES CHEMICAL	COLONIAL CHEMICAL SOLUTIONS	KEMIRA WATER SOLUTIONS		WATER SOLUTIONS (Azure)	WATER SOLUTIONS (Azure)	CHEMTRADE CHEMICALS

Division 2

Bid Requirements

Section 4: Bid Form – REVISED

Bid of _____
(Hereinafter "Bidder"), organized and existing under the laws of the State of _____,
doing business as _____ (insert "a corporation," "a
partnership," or "an individual" or such other business entity designation as is applicable).

To the Clayton County Water Authority (hereinafter "CCWA").

In compliance with the Request for Bids, Bidder hereby proposes to perform all Work for **Water and Wastewater Treatment Chemicals** in strict accordance with the bid documents as enumerated in the Request for Bids, within the time set forth therein, and at the prices stated below.

By submission of this bid, Bidder certifies, and in the case of joint bid each party thereto certifies as to the party's own organization that this bid has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this bid with any other Bidder or with any competitor. Bidder also certifies compliance with the Instructions to Bidders.

In submitting this bid, Bidder certifies Bidder is qualified to do business in the state of Georgia as required by laws, rules, and regulations or, if allowed by statute, covenants to obtain such qualification prior to contract award.

Bidder accepts the terms and conditions of the Documents.

BID:

The undersigned proposes to supply, in all respects, sound and conformable with this bid document the goods for the amounts as shown on this Bid Form, which includes a list of chemicals by type, indicating our estimated requirements for the year. Please note that these are estimated quantities only, and CCWA reserves the right to purchase more or less based on actual need. CCWA does not guarantee any minimum or maximum quantities.

ADDENDA:

Bidder acknowledges receipt of the following Addenda:

Division 2

Bid Requirements

Section 4: Bid Form - REVISED

TREATMENT CHEMICALS (price per unit size)		Estimated Quantities	Package Size	BID PRICE (per listed unit size)		COMMENTS: Delivery location, delivery time, product availability, minimum quantities per shipment, including deposit on chlorine cylinders or any containers, etc.
1	Liquid Aluminum Sulfate* (price per dry ton). <i>Delivery must be within 5 days of date of order.</i>	1,600 dry tons	4,000 gal. tanker		/ dry ton	
2	Dense Soda Ash* (price per pound)	40 tons	50 lb. bag		/ lb.	
3	Bulk Hydrated Lime* (price per pound)	100 tons	18 ton tanker		/ lb.	
4	Liquid Lime* (price per pound) 30% Calcium Hydroxide. <i>Detailed specifications included for this chemical on page 4-1.4.</i>	850,000 lbs.	Bulk tanker no size limit		/ lb.	
5	Powdered Activated Carbon* (price per pound) (1)	3,000 lbs.	50 lb. bag		/ lb.	
6	Powdered Activated Carbon* (price per pound)	10,000 lbs.	1,000 lb. sack, 5 sack minimum		/ lb.	
7	Sodium Silica Fluoride* (price per pound)	60,000 lbs.	50 lb. bag		/ lb.	
8	Fluorosilic Acid 23% * (price per gallon)	16,000 gal.	4,000 gal. tanker		/ gal.	

Division 2

Bid Requirements

Section 4: Bid Form - REVISED

TREATMENT CHEMICALS (price per unit size)		Estimated Quantities	Package Size	BID PRICE (per listed unit size)		COMMENTS: Delivery location, delivery time, product availability, minimum quantities per shipment, including deposit on chlorine cylinders or any containers, etc.
9	Copper Sulfate Med. Crystal* (price per pound)	40,000 lbs.	50 lb. bag		/ lb.	
10	Phosphoric Acid 36% PO4* (price per gallon) (2)	24,000 gal.	4,000 gal. tanker		/ gal.	
11	Sodium Hydroxide 25% (price per pound)	10 totes	3,782 lb. tote		/ lb.	
12	Sodium Hypochlorite 12.5% solution * (<i>percentage by weight</i>) - (price per gallon)	6 drums	55 gallon drum		/ gal.	
13	Sodium Hypochlorite 12.5% solution * (<i>percentage by weight</i>) - (price per gallon) Delivery must be within 5 days of date of order.	500,000 gal.	Bulk tanker no size limit		/ gal.	
14	INTENTIONALLY NOT USED					
15	Caustic Soda 20% (price as cost <u>per pound</u>)	4,000,000 lbs.	Bulk tanker no size limit		/ lb.	
16	Polymer, Ashland Praestol #K144L (price per pound)**	120,000 lbs.	Bulk tanker 4,000 gal.		/ lb.	

Division 2

Bid Requirements

Section 4: Bid Form - REVISED

TREATMENT CHEMICALS (price per unit size)		Estimated Quantities	Package Size	BID PRICE (per listed unit size)		COMMENTS: Delivery location, delivery time, product availability, minimum quantities per shipment, including deposit on chlorine cylinders or any containers, etc.
17	Polymer, Brennfloc CP2606 (price per pound) **	120,000 lbs.	Bulk tanker 4,000 gal.		/ lb.	
18	Polymer – SE-365 (price per pound) **	130,000 lbs.	200 - 300 gal. tote		/ lb.	
19	Polymer-CedarFloc 504 (price per pound)	15,000 lbs.	55 gallon drum		/ lb.	
20	Sulfuric Acid (78%) * (<u>price per gallon</u>)	16,000 gal.	Bulk tanker 4,000 gal.		/ gal.	
21	Sulfuric Acid (78%) * tote (<u>price per pound</u>)	30,000 lbs.	200 - 330 gal. tote		/ lb.	
22	Ferric Sulfate liquid [price as cost <u>per pound of iron</u> (EE)]	800,000 lbs.	Bulk tanker no size limit		/ lb.	
23	INTENTIONALLY NOT USED					
24	Purate bulk * (3) (price per pound)	220,000 lbs.	4,000 gal. tanker		/ lb.	

Division 2

Bid Requirements

Section 4: Bid Form - REVISED

TREATMENT CHEMICALS (price per unit size)		Estimated Quantities	Package Size	BID PRICE (per listed unit size)		COMMENTS: Delivery location, delivery time, product availability, minimum quantities per shipment, including deposit on chlorine cylinders or any containers, etc.
25	Purate tote * (3) (price per pound)	30,000 lbs.	200 - 330 gal. tote		/ lb.	
26	Aluminum Chlorohydrate, Al ² O ³ = 23.0 to 24.0%, specific gravity at 70°F = 1.33 to 1.35 (price per pound delivered) *	820,000 lbs.	45,000 lb. tanker		/ lb.	

- (1) A minimum of one (1) 1000 lb pallet would be acceptable which includes 25 – 40 lb paper bags. 40# paper bags are acceptable. Powder activated carbon made to AWWA B600 specs will also be acceptable.
- (2) Phosphoric Acid 36% PO4 will be required at all three locations (WJ Hooper WRF, JW Smith WRF, and Freeman Road WRF). Each location has a 6,000 gallon tank.
- (3) CCWA chlorine dioxide generators utilize Purate technology. Purate unit pricing must include bi-monthly calibration, inspection and testing of Purate/chlorine dioxide generation equipment at no additional charge at three (3) facilities using this product. Vendor selected must be able to perform repairs on Purate/chlorine dioxide equipment. Vendor must comply with CCWA Risk Management Requirements during the contract period. Also, Immigration Form and corresponding contractor affidavits must be completed.

* Must be NSF60 certified for drinking water applications.

** We will purchase the polymer that yields lowest cost per dry ton of solids produced.

Note: Please refer to the Specifications section of this RFB package, Attachments A and B.

Company Name of Bidder: _____

Division 2

Bid Requirements

Section 4: Bid Form – REVISED

ORDERING CONTACT INFORMATION:

Any other pertinent information, i.e. ordering: instructions, phone number, and contact person: _____

Submitted by:

(COMPANY NAME OF BIDDER)

By: _____
(SIGNATURE)

(TITLE)

(DATE)

_____ (SEAL)
(ATTEST)

(ADDRESS)

(PHONE NUMBER)

(FAX NUMBER)

(LICENSE NUMBER) (If applicable)

(E-MAIL ADDRESS)

END OF SECTION