



# CITY OF GRIFFIN

## RECOMMENDED AWARDS FOR FY15 WATER TREATMENT CHEMICALS

CHEMICALS: Description	Amount	Bid Total	PO	Company
Aluminum Sulfate, Liquid	995,000	44,775.00	B15-002-	Chemtrade
Aqua Pak Nuchar Carbon	10,500	8,925.00	B15-003-	Brenn-Tag
Caustic Soda (50%)	5,500 gal	13,860.00	B15-004-	Allied Universal
Caustic Soda (25%) Bulk	11,000	9,130.00	B15-017-	Allied Universal
CedarFLOC 510 Polymer	600 lbs	1,650.00	B15-005-	CedarChem
Chemical Hydrated Lime 400	270,000 lbs	34,803.00	B15-006-	Chemrite
Liquid Chlorine (150-lb cyl)	58	3,248.00	B15-007-	Allied Universal
Liquid Chlorine (1-ton cyl)	71	27,477.00	B15-008-	DPC
** Liquid Lime	316,000 lb	18,012.00	B15-009-	Burnett Lime
Liquid Phoshate -Aquadene SK7870	22,350	10,057.50	B15-010-	Carus Chemical
Magnifloc LT7989 Flocculent	26,000 lbs	25,448.80	B15-011-	Sterling Water Technologies
Phosphate Additive	12,000 lbs	13,440.00	B15-012-	Carus Chemical
Poly Aluminum Chloride (CedarCLEAR 757)	160,000 lbs	36,000.00	B15-001-	CedarChem
Potassium Permanganate	13,500 lbs	24,826.50	B15-013-	Carus Chemical
Sodium Bi- Sulfite (43%)	70,150 lbs	14,030.00	B15-014-	Industrial Chemical
Sodium Chlorite – 25%	274,000 lbs	\$ 133,849.00	B15-015-	International Dioxide
Sodium Permanganate 20%	10,641 gal	85,670.69	B15-018-	Carus Chemical
Sodium Silico Fluoride	74,000 lbs	\$ 33,670.00	B15-016-	Brenn-Tag
** Sole Source/Renewal of FY14 contract (due to equipment)		538,872.49	annual chemical spend (approx)	



CITY OF GRIFFIN

BID TALLEY

BID NUMBER:	14-022	no bids
BID TITLE:	FY15 Chemicals	low bid / recommended award
BID OPEN DATE:	May 29, 2014	within 2% of low

Description	Qty. tons	UOM Request ed	Affinity Chemical	Allied Universal	American Development	American International	Brenn-tag	Burnett Lime	C & C Chemicals	Carus Chemical	Cedar Chem	Chemrite	Chemtrade	USALCO	DPC	Evoqua Water Tech (Siemens)	F2 Industries	GEO Specialty Chemicals	Industrial Chemical	International Dioxide	Kemira	Marubeni Specialty Chemicals	Polydyne, Inc	Shannon Chemicals	Southwest Engineers	Sterling Water Technologies	Thatcher	Univar
# of bids submitted			1 bid	4 bids	1 bid	1 bid	9 bids	sole src	1 bid	4 bids	2 bids	6 bids	1 bid	NO	2 bids	1 bid	5 bids	1 bid	3 bids	1 bid	NO	1 bid	NO	2 bids	1 bid	2 bids	3 bids	6 bids
Aluminum Sulfate, Liquid	995,000	wet lb TOTAL:	0.05335 53,083.25						0.095 94,525.00				0.045 #####					0.086287 #####										
Aqua Pak Nuchar Carbon	10,500	dry lb TOTAL:					0.85 8,925.00										0.92 9,660.00									0.919 9,649.50		
Caustic Soda (50%)	5,500	gal TOTAL:		2.52 #####			2.54 13,970.00												3.1875 17,531.25								2.9551 16,253.05	
Caustic Soda (25%) bulk	11,000	gal TOTAL:		0.83 9,130.00			1.99 21,890.00					0.945 #####															1.2744 14,018.40	
CedarFLOC 510 Polymer (NO substitution)	600	dry lb TOTAL:									2.75 1,650.00																	
Chemical Hydrated Lime 400	270,000	dry lb TOTAL:					0.14 37,800.00					0.1289 #####							0.15 40,500.00								0.14 37,800.00	
Liquid Chlorine (150-lb cyl)	58	150-lb cvl TOTAL:		56.00 3,248.00			59.25 3,436.50								130.00 7,540.00													
Liquid Chlorine (1-ton cyl)	71	1 ton cyl TOTAL:		388.00 27,548.00											387.00 #####													
Liquid Lime (sole-sourced due to equipment)	316,000	sole source TOTAL:						.057 18,012.00																				
Liquid Phoshate -Aquadene SK7870	22,350	wet lb TOTAL:								0.45 #####							0.55 #####							0.577 #####		0.5875 #####		
Magnifloc LT7989 Flocculent	26,000	dry lb TOTAL:					1.03 26,780.00					1.92 #####												1.16 #####	0.9788 #####			
Phosphate Additive	12,000	dry lb TOTAL:								1.12 #####							1.16 #####						1.72 #####					
Poly Aluminum Chloride (CedarCLEAR 757)	160,000	wet lb TOTAL:									0.225 #####																	
Potassium Permanganate	13,500	dry lb TOTAL:				2.07 27,945.00	1.885 25,447.50			1.839 #####		2.07 #####					1.884 #####					1.85 24,975.00				1.927 26,014.50		
Sodium Bi-Sulfite (43%)	70,150	wet lb TOTAL:																	0.20 14,030.00									
Sodium Chlorite (25%)	274,000	wet lb TOTAL:														0.492 #####				0.4885 133,849.00							0.63 172,620.00	
Sodium Permanganate 20%	10,641	gal TOTAL:			9.600000 102,153.60		13.371 #####			8.051 #####		8.49 #####					8.06 #####										11.3975 #####	
Sodium Silico Fluoride (USA manufactured)	74,000	dry lb TOTAL:					0.455000 33,670.00					0.459800 #####														0.5714 42,283.60	0.575 42,550.00	
Notes/Comments												bid KemireC-581																

submitted by:

## City of Griffin

## Chemical List FY14(7/1/13 - 6/30/14)

Item #	Chemical	Short Description	Total Qty	Approx. Qty per delivery	UOM pricing	Deliver s to plants:	UOM Price (specify UOM)	Total Price	Note any/all additional charges	Contact info: name,phone , email	Comment
1	Aluminum Chloride Hydroxide Sulfate (GPAC 2300 - <b>NO Substitution</b> )	BULK - delivered in 4,500 gal loads	480,000 lb	4,500 gallons	wet lb	2	n/a	n/a			RENEWAL
2	Aluminum Sulfate, Liquid	BULK - delivered in 4,500 gal loads	943,000 lb	4,500 gallons	wet lb	1, 3	n/a	n/a			RENEWAL
3	Aqua Pak Nuchar Carbon	dry weight; 45-lb bags; pallets must fit electric pallet jack with 3¾ clearance	12,000 lb	45 bags (2,250 lbs) per delivery	dry lb	1,2					
4	Caustic Soda (50%)	delivered 55 gallon drums @ 700 lbs ea	100 drums (5,500 gallons)	8 drums per	gal	3					
5	Caustic Soda (25%)	BULK - delivered in 1,000 - 4500 gal loads (tank size unknown at current time)	11,000 gal	1,000 - 4,500 gallon per delivery	gal	3					
6	Chemical Hydrated Lime 400	HI CAL NSF/ANSI 60; dry weight; 50-lb bags (Note: Pallets to fit electric pallet jack 3-3/4 clearance)	120 tons (240,000 lbs)	50 bags (2,500 lbs per pallet) 8 pallets at a time	dry lb	1					
7	Liquid Chlorine (150-lb cyl)	150 lb cylinders	54	9 cylinders per delivery	cylinder	1*,3					
8	Liquid Chlorine (1-ton cyl)	1 ton cylinders	71	1 to 3 cylinders per delivery	cylinder	1, 2, 4	n/a	n/a			RENEWAL
9	Liquid Lime	sole source	316,000 lb	4,500 gallons	wet lb	2	n/a	n/a			RENEWAL
10	Liquid Phoshate -Aquadene SK7870	275 gallons per tote; (Valve has to accept 2" Cam Lock Connector; has to fit electric pallet jack with 3 ¾ clearance)	26,820 lb	1 tote (3,163 lbs) per	wet lb	2					
11	Magnifloc LT7989 Flocculent	liquid polymer; NO substitutions; delivered in 55 gal drums	6 tons (12,000 lbs)	4 drums per delivery	wet lb	1					
12	Phosphate Additive	Poly blend (Need to provide coupons, mixer, pump & barrel plus spare pump and mixer for backup); delivered-pallets of 53-lb, 5-gal containers)	6 tons (12,000 lbs)	24 pails (1,200 lbs)	dry lb	1					
13	Potassium Permanganate	dry weight; 55-lb containers (ordered by pallets); delivered in 5-gal, 55 lb containers	13 tons (26,000 lbs)	1 to 2 pallets per delivery	dry lb	1, 2, 4, 5*					
14	CedarFLOC 510 Polymer ( <b>NO substitution</b> )	dry weight; 50-lb bags	800 lbs	5 bags per delivery	dry lb	2					
15	Sodium Bi- Sulfite (43%)	55 gallon (610 lb) drums; must be 43% solution	70,510 lb	6 or 7 drums per	wet lb	3, 4	n/a	n/a			RENEWAL

submitted by:

## City of Griffin

### Chemical List FY14(7/1/13 - 6/30/14)

Item #	Chemical	Short Description	Total Qty	Approx. Qty per delivery	UOM pricing	Deliver s to plants:	UOM Price (specify UOM)	Total Price	Note any/all additional charges	Contact info: name,phone , email	Comment
16	Sodium Chlorite – 25%	BULK - domestic liquid; delivered in 4500 gal loads	130,000 lb	4,500 gallons	wet lb	1, 2					
17	Sodium Silico Fluoride (USA manufactured)	dry weight; delivered in 50-lb bags	54,000 lb	4,000 lbs per delivery	dry lb	1, 2					
<b>All Chemicals are to be FOB Griffin,GA with NO fuel adjustment cost. All Chemicals are to be NF 60 Approved and the CAS Registry Number must be provided.</b>											
<b>Date of bid pricing: _____.</b>											

#### Delivery Location addresses and delivery times:

1	2	2	4	5
Harry Simmons 229 N. Expressway, Griffin, GA	Still Branch Reservoir 2045 Flat Shoals Rd Concord, GA 30206	Cabin Creek 1140 N Hill Street Griffin, GA 30224	Potato Creek 1150 County Line Rd Griffin, GA 30224	Shoal Creek 2940 W Ellis Rd Griffin, GA 30224
8AM - 2PM deliveries	8AM - 2PM deliveries	10AM - 2PM deliveries	8AM - 2PM deliveries	8AM - 2PM deliveries
* <u>GENERAL Considerations:</u>	- Make sure you meet the plant specific delivery considerations for the chemicals singled out below. - Any specific questions are to be submitted; they will be answered by the specific plant and you will receive an email response. Any questions of significance will be compiled into an addendum. - Invoices are to be sent to the ordering plant.			
<u>Special Considerations for Plant 1:</u>	- Chlorine, 1-ton cyl: must be delivered by short ( $\leq 30$ feet) flat bed trailer with fifth wheel and lift gate. (no B-frames). - Chlorite: must be delivered by tanker pumper with rear discharge able to pump 25 ft. - Liquid Alum: must be delivered by pumper with rear off-loader that can pump elevation of 3 floors. - PhosPhate Additive: supplier must provide Simmons with 2 each (main & backup) LMI pump, mixing drum and mixing motor. Must also supply racks, coupons and testing lab results quarterly to the City's corrosion control program. - All pallet deliveries must fit existing pallet jack with 3 3/4 clearance. - * Chlorine (150-lb cyl): Plant 1 needs 2 cylinders delivered twice per year to Sun City Chlorine Booster Station, Jordan Hill Road, Griffin, GA. This can be coordinated with delivery to Plant 3.			
<u>Special Considerations for Plant 2:</u>	- General: lift arm cross bar on boom raises to height of 10'10" from ground (7' from dock) - General: All pallet deliveries must fit existing pallet jack with 3 3/4 clearance. - Chlorine: 1-ton cyl: must be delivered by short ( $\leq 30$ feet) flat bed trailer with fifth wheel and lift gate. (no B-frames).			
<u>Special Considerations for Plant 3:</u>	- Liquid Alum: must be delivered by pumper with rear off-loader that can pump a min. elevation of 15 ft. - Caustic soda: must be delivered using hand truck (no pallets): must NOT be frozen - Soduim Bi-sulfite: must be delivered using hand truck (no pallets)			
<u>Special Considerations for Plant 4:</u>	- General: low boom; very sharp turn to dock - General: deliveries need to be by flat bed trucks $\leq 40$ feet - Soduim Bi-Sulfite: must be delivered by truck with lift gate and pallet jack .			
<u>Special Considerations for Plant 5:</u>	- *Potassium Permanganate: delivery will be for one pallet, one time per year.			