



BAY AREA CHEMICAL CONSORTIUM (BACC)

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DUBLIN SAN RAMON SERVICES DISTRICT

May 29, 2013

Bay Area Chemical Consortium

- The Bay Area Chemical Consortium (BACC) was formed in 2009 with Dublin San Ramon Services District (DSRSD) as the coordinating agency
- The Bay Area Chemical Consortium (BACC) is an informal cooperative that advertises and opens sealed competitive bids for process chemicals and then prepares bid recommendations
- The goal of BACC is to reduce the cost of purchasing a chemical by producing one bid document listing multiple agencies and soliciting a bid price for the aggregate quantity
- BACC currently consists of about 32 water and wastewater agencies
- Agencies are grouped into geographic zones or regions for bidding so that transportation costs will be similar
- Bidders submit a single bid price for all of the agencies in each region
- BACC's role ends once bid recommendations and award letters are prepared
- Participating agencies execute their own contracts with the lowest responsive bidder and handle all invoicing and payments

BACC Member Participation

2010

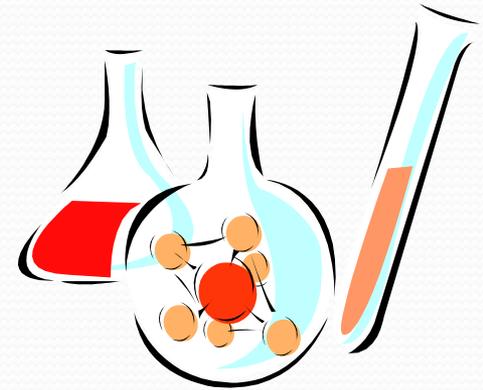
- 9 agencies participated in BACC's first bid request for 2.5 million gallons of 12.5% sodium hypochlorite
- 6 agencies participated in a bid for ferric chloride and ferrous chloride
- 5 agencies participated in a bid for water and wastewater treatment polymers

2013

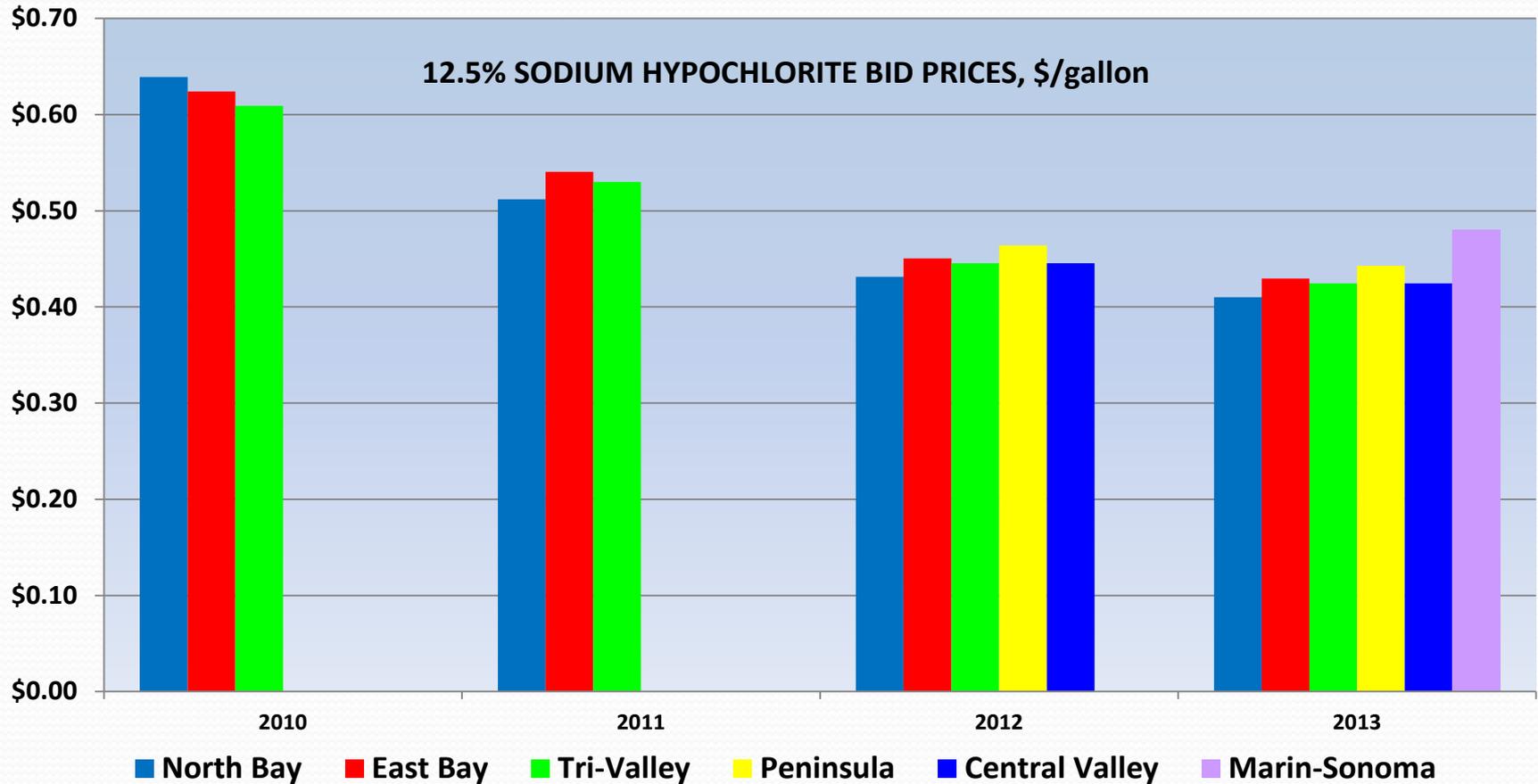
- BACC completed bids for 14 different chemicals for a total of 29 participating agencies
- 25 agencies participated in the bid for 5.3 million gallons of 12.5% sodium hypochlorite (bleach)
- All bids are now based on the July 1-June 30 fiscal year
- Participating agencies pay membership fees

CHEMICALS BID FOR FY 13/14

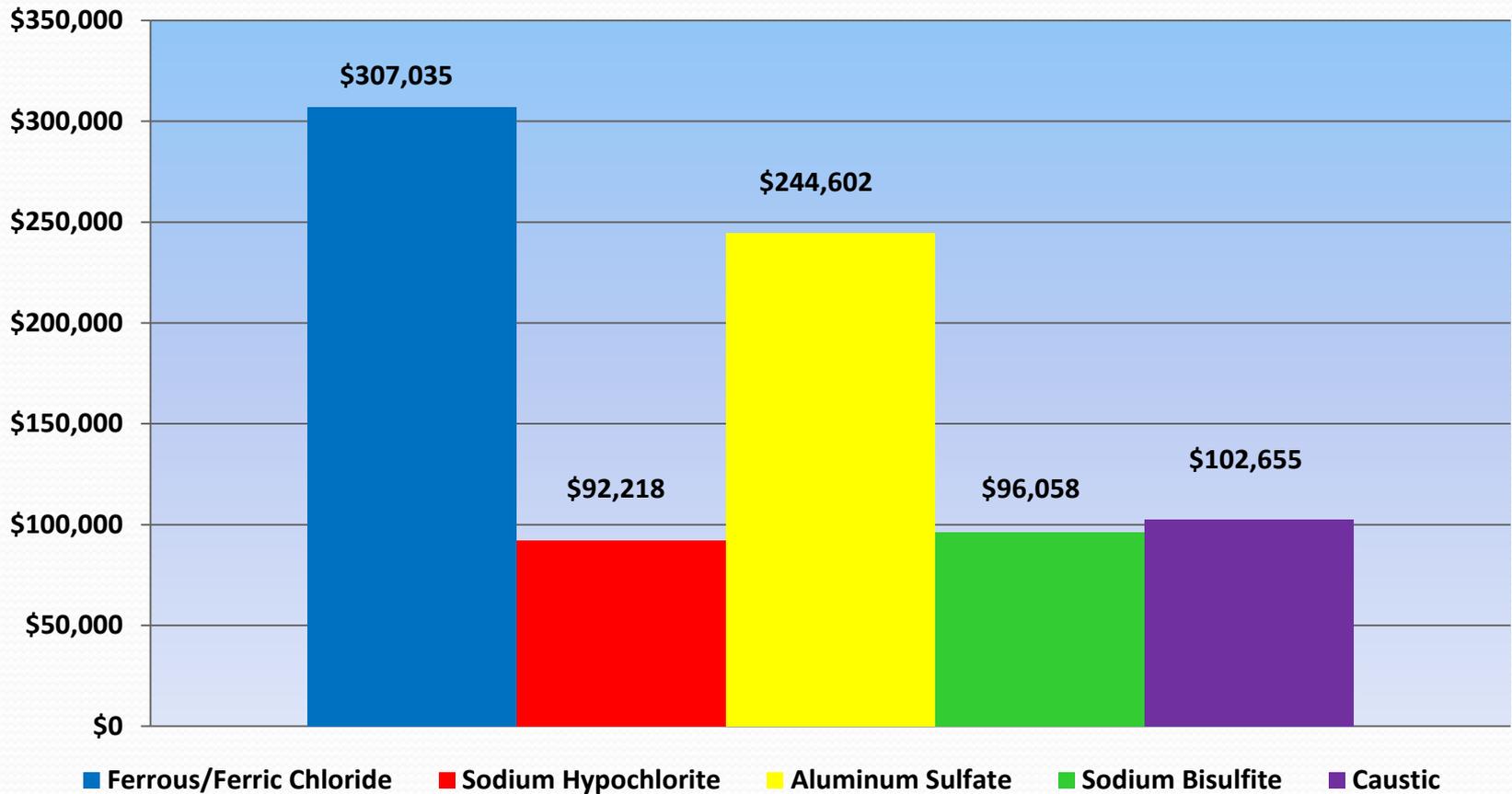
- Sodium Hypochlorite 12.5%
- Aluminum Sulfate (alum)
- Ammonium Sulfate
- Citric Acid
- Ferrous Chloride and Ferric Chloride
- Hydrofluorosilicic Acid (fluoride)
- Liquid Chlorine
- Polymers
- Sodium Bisulfite (25%)
- Sodium Hydroxide (25%, 30%, 50%)
- Sodium Thiosulfate Tablets
- Sulfur Dioxide
- Aqueous Ammonia



Sodium Hypochlorite Bid Prices 2010 to 2013



Estimated Savings in FY 2013/2014 compared to FY 2012/2013



BACC FY 2012-2013 BID PRICES						
	GEOGRAPHIC AREA					
Chemical	North Bay	East Bay	Tri-Valley	Peninsula	Marin-Sonoma	Central Valley
Aluminum Sulfate	\$0.9639/gallon					
Ammonium Sulfate		\$2.39/gallon	\$0.65/gallon			
Citric Acid	\$6.50/gallon		\$6.50/gallon			
Ferrous Chloride	\$693.00/dry ton	\$693.00/dry ton	\$693.00/dry ton	\$693.00/dry ton		
Ferric Chloride	\$697.50/dry ton	\$697.50/dry ton	\$697.50/dry ton	\$697.50/dry ton		
Hydrofluosilicic Acid			\$3.4523/gallon			
Powdered Activated Cargon	\$0.6987/lb.		0.575/lb.			
Sodium Bifulfite	\$0.97/gallon	\$0.955 per gallon		\$0.98/gallon		
Sodium Hydroxide	\$0.2410/dry lb. - CCWD \$0.2450/dry lb. - West County WD		\$0.2490/dry lb.			\$0.3040/dry lb.
12.5% Sodium Hypochlorite	\$0.4312/gallon	\$0.4506/gallon	\$0.4455/gallon	\$0.4639/gallon		\$0.4455/gallon
Polydyne Clarifloc WE-385	\$9.775/gallon					
Kemira PAX-XL19			\$2.85/gallon			
Polydyne WE-200			\$9.775/gallon			
Praestol K144L		\$12.50/gallon				
Hexafloc 571F		\$11.70/gallon				
Clarifloc WE-980		\$9.775/gallon				
Polydyne WE-527				\$9.775/gallon		
Polydyne WE-984				\$8.613/gallon		
Kemira PAX-XL8			\$2.15/gallon			
Praestol K279FLX	\$13.05/gallon					
Polydyne C-6267		\$9.775/gallon				
Polydyne C-331		\$0.875/gallon				
Aries Tek Superfloc A-100			\$2.30/lb.			

BACC FY 2013-2014 BID PRICES

Chemical	GEOGRAPHIC AREA					
	North Bay	East Bay	Tri-Valley	Peninsula	Marin-Sonoma	Central Valley
Aluminum Sulfate	\$0.7965/gallon				\$8.424/gallon	
Ammonium Sulfate		\$2.194/gallon	\$0.565/gallon			
Aqueous Ammonia		\$1.01/gallon	\$4.64/gallon			\$1.015/gallon
Citric Acid	\$6.380/gallon		\$6.380/gallon			
Ferrous Chloride	\$650.00/dry ton	\$619.00/dry ton	\$650.00/dry ton	\$650.00/dry ton		\$650.00/dry ton
Ferric Chloride		\$619.00/dry ton	\$587.00/dry ton	\$630.00/dry ton	\$700.00/dry ton	\$579.00/dry ton
Hydrofluosilicic Acid	\$3.03/gallon		\$3.44/gallon			
Hydrogen Peroxide	\$3.98/gallon					\$2.98/gallon
Liquid Chlorine						\$419.00/ton
Sodium Bifulfite	\$0.895/gallon	\$0.895/gallon		\$0.895/gallon	\$0.895/gallon	
Sodium Hydroxide - 30%	\$0.2254/dry lb.					
Sodium Hydroxide - 25%		\$0.2337/dry lb.	\$0.2357/dry lb.			\$0.2377/dry lb.
Sodium Hydroxide - 50%		\$0.2190/dry lb.	\$0.2200/dry lb.			\$0.2227/dry lb.
12.5% Sodium Hypochlorite	\$0.4102/gallon	\$0.4296/gallon	\$0.4245/gallon	\$0.4429/gallon	\$0.4800/gallon	\$0.4245/gallon
Sulfur Dioxide						\$0.385/lb.
Polydyne Clarifloc WE-385	\$9.095/gallon					
Polydyne WE-1265	\$9.520/gallon					
Praestol K279FLX	\$12.500/gallon					
Clarifloc WE-980		\$9.520/gallon				
Polydyne C-6267		\$9.095/gallon				
Polydyne C-331		\$0.875/gallon				
Zetag 8819		\$9.100/gallon	\$9.100/gallon			
Zetag 8819 - North San Mateo CS				\$9.790/gallon		
Zetag 8819 - City of South SF				\$9.540/gallon		
Kemira PAX-XL19			\$2.890/gallon			
Polydyne WE-200			\$9.095/gallon			
Kemira PAX-XL8			\$2.150/gallon			
Aries Tek Superfloc A-100			\$2.350/lb.			
Nalco CatFloc LS			\$5.360/gallon			
Nalco CatFloc 8102 Plus			\$6.290/gallon			
Nalco Nalclear 7766			\$13.860/gallon			
Polydyne Clarifloc C-9530				\$9.520/gallon		
Polydyne WE-527				\$9.520/gallon		
Polydyne WE-984				\$8.526/gallon		
Polydyne Clarifloc WE-289				\$4.704/gallon		
Polydyne WE-526				\$9.520/gallon		
Clarifloc C-308P					\$4.902/gallon	
Zetag 8846FS					\$17.610/gallon	
Polydyne Clarifloc WE-200						\$9.095/gallon
Polydyne NW-127						\$0.925/gallon
Polydyne WE-906						\$9.520/gallon

Typical Schedule of Activities

- September-October: survey of the membership to see who wants to bid what chemicals
- November-December: draft “front end” documents circulated for review and comment
- January-February: draft bid documents prepared and circulated for review and comment for each chemical
- March 15: bids advertised for bidding
- April 15: bid opening
- May 1: Bid review completed, bid recommendations circulated and award letters sent to successful bidders. Agencies can now seek Board approval and/or contact successful bidders to execute contracts.
- May 31: invoices for membership fees sent to the all of the BACC agencies that participated in bidding.
- July: BACC membership meeting to discuss what worked well and what can be done to improve the process.
- July-August: responding the agency problems with deliveries and invoices

Cost Sharing

- During 2012 DSRSD's costs totaled about \$25,000 for administering 10 bids
- Administrative costs include surveying the membership, producing bid documents, newspaper advertising, responding to questions from bidders, opening bids, preparing bid recommendations, and conducting membership meetings
- Prior to 2013 DSRSD absorbed the administrative costs
- During 2012 BACC's members agreed to begin sharing the administrative costs in 2013 based on a NTE fee of \$250 per bid per agency
- During 2013 the 14 bids and 29 participating agencies resulted in a total of 92 combinations of agencies and bids
- If 2013's actual costs turn out to be less than \$250 per bid per agency then the fee will be reduced accordingly
- Invoices for the membership fees will be mailed around May 31, 2013, after all bidding is complete
- There is no charge for membership unless an agency participates in a bid



DUBLIN SAN RAMON SERVICES DISTRICT

Water, wastewater, recycled water

April 23, 2013

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Bay Area Chemical Consortium

Water and wastewater agencies in the Bay Area are working together to purchase chemicals by combining bid solicitations under the name of the Bay Area Chemical Consortium (BACC). BACC is an informal cooperative that advertises and opens sealed competitive bids and then prepares bid recommendations. Once bids are opened, participating public agencies enter into their own contracts with the lowest responsive bidder.

Combined bid solicitations offer vendors an opportunity to sell greater quantities of their products. As a result, participating agencies usually obtain lower prices than by bidding alone. Because more than 30 public agencies are now participating, significant savings for chemical purchases are being passed along to the agencies' water and wastewater customers.



FREQUENTLY ASKED QUESTIONS

On what products does the consortium bid?

In 2011 BACC solicited bids for sodium hypochlorite, ferric/ferrous chloride, caustic soda, and polymers. In 2012 BACC expects to add to this list bids for alum, anhydrous ammonia, hydrofluorosilicic acid, powdered activated carbon, and sodium bisulfate. Additional chemicals can be added to this list as long as more than one agency wishes to bid for a particular chemical.

How much are member agencies saving?

Savings vary, but consortium members have saved up to 20 percent by participating in BACC bids.

How are bids prepared and advertised?

DSRSD is currently serving as the coordinating agency for BACC and handles administration:

- Schedules meetings or conference calls to open bids or resolve any issues;
- Emails consortium members to determine which agencies want to participate in specific bids, estimated quantities, and product specifications;
- Circulates proposed bid documents to members for comments;
- Sends bid solicitations by email and regular mail to a list of vendors and advertises in the Bay Area News Group newspapers;
- Hosts bid openings and provides bid reviews and recommendations for the group.

BACC website
www.dsrsd.com

We can help if....

- You are interested in joining the Bay Area Chemical Consortium, or
- You are interested in starting your own consortium, or
- You just have questions about how this might work

For More Info

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- gallagher@dsrsd.com or ivy@dsrsd.com



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Questions?