

RFB #18-01 Water & Wastewater Treatment

Unit Price Chemical Bid

QUESTIONS AND CITY RESPONSES

Question #1

Can you please give me the incumbent prices for the Cationic Polyelectrolyte and Dewatering Polymer?

Response to Question #1

Incumbent pricing is as follows:

Cationic Polyelectrolyte – \$0.1050 per pound

Dewatering Polymer - \$2.805 per active pound; product is 41% active, therefore neat delivered price is \$1.15 per pound.

Question #2

On page 12 – Noncollusion Affidavit, there are 2 places to sign that must be acknowledged by a Notary. Is one spot for the bidder and the other for Escondido?

(Signature Must be Acknowledged by a Notary)

Title _____

Of _____

(Signature Must be Acknowledged by a Notary)

Title _____

Of _____

APPROVED AS TO FORM:

OFFICE OF THE CITY ATTORNEY

MICHAEL R. MCGUINNESS, Interim City Attorney

By: _____

Response to Question #2

There are (2) signature lines on the Noncollusion Affidavit to accommodate up to two (2) company officials with signature authority. Both signature lines are not required if a company only has one (1) official with signing authority.

Question #3

Do I need to submit a sample if we are the current vendor?

Response to Question #3

No, it is stated as such in paragraph 15 of the General Provisions:

15. SAMPLES OR SPECIMENS

If bidder's product is not presently being used by the City, bidders must provide a one-liter sample so that the City may determine suitability and feed rates. Bidders must call the Water Treatment Plant at 760-839-5466 and or the Wastewater Treatment Plant at 760-839-6290 **May 8, 2017 through May 12, 2017 to schedule an allotted time for testing.** If bidders fail to provide their samples and fail to schedule a testing appointment **May 8, 2017 through May 12, 2017**, the City will not accept their bids.

Question #4

Could I get you to e-mail me the last bid tabulation you have on file for these products so we can determine whether or not we can bid competitively?

Response to Question #4

Here is a link to the bid analysis from the last bid.

<http://www.escondido.org/Data/Sites/1/media/PDFs/ChemicalBid1301BidAnalysis.pdf>

Question #5

Do you have current pricing for these products that we can use for comparison?

Response to Question #5

1. Sodium Chloride - \$240.00 / Ton
2. Cationic Polyelectrolyte – \$0.47 / Lb
3. Ferric Sulfate - \$297.00 / Ton
4. Aqua Ammonia - \$.1286 / Ton
5. Purate - \$.64 / Lb + \$10,505.84 freight charge
6. Hydrofluosilicic Acid - \$594.00 / Ton
7. Sodium Hydroxide (Caustic Soda) - \$598.90 / Dry Ton
8. Polyelectrolyte – Bulk Polymer - \$0.1050 / Lb
9. Sodium Hypochlorite - \$0.71 / Gal
10. Bioxide - \$2.16 / Gal
11. Dewatering Polymer - \$1.15 / Active Lb
12. T-22 Filter Aid – Flocculant=\$0.95 / Lb and Coagulant=\$0.25 / Lb

Question #6

Please confirm the product quantity for Sodium Hydroxide that is required. Page 30 lists 685 Tons, (price requested per ton) and 2640 Tons (price requested per pound). Page 31 list the Product Requirement as 2640 tons total. Is there more than one delivery location for Sodium Hydroxide?

Please provide the typical delivered quantity for Sodium Hydroxide.

Please confirm if you are requesting the price in Dry Tons or Weight Tons?

Please provide the current pricing and supplier for Sodium Hypochlorite and Sodium Hydroxide.

Response to Question #6

The product quantity for Sodium Hydroxide is 685 Weight Tons. There is only one delivery location.

The typical delivered quantity for Sodium Hydroxide is 45,000 to 50,000 Lbs.

Price is requested in Dry Tons.

The current pricing for Sodium Hypochlorite is \$0.71 per Gallon and it is currently supplied by Olin.

The current pricing for Sodium Hydroxide is \$598.90 per Dry Ton and it is currently supplied by Olin.

Question #7

Please answer the following questions in regards to CATIONIC POLYELECTROLYTE:

Who is the incumbent supplier?

What is the current product?

What is the current Price?

Is the packaging always bulk?

Response to Question #7

The incumbent supplier is Polydyne Inc.

The current product is Clarifloc C-308P.

The current price is 0.43 \$/lb.

The product is always delivered in bulk.

Question #8

Will this bid be a public opening?

Response to Question #8

Yes. The public opening will be at 2:00 pm on June 1, 2017 as stated on the Notice to Bidders.

Question #9

This question is specific to Sodium Hypochlorite. As written is the Quality section of this bid, the following pH of 11.0 + 0.5 is requested for change to reflect the allowances of AWWA B300-11 (included below). With the Water plant now as a receiving plant, additional caustic up to higher limits prior to dilution for systems use will exceed the .5 allowances. It is requested that a range of 11-13 as written in the AWWA standard replace the previous.

Excerpt from AWWA B300-11 standard - *“Control the pH of stored hypochlorite solutions at pH 11–13 even after dilution. Storage of concentrated hypochlorite solutions at pH values lower than 11 is not recommended because of rapid decomposition of hypochlorite ion/hypochlorous acid and the consequent formation of chlorate, even though this reduces the amount of perchlorate formed. When the pH is higher than 13, perchlorate formation is enhanced because of the ionic strength effect. As such, [utilities](#) should continue to insist that manufacturer specifications include pH control in the range of 11–13. Given the typical pH range of on-site generation (OSG) hypochlorite (pH 9–10), such solutions should be used as soon as possible after manufacture and should not be stored for more than 1–2 days.”*

Response to Question #9

This was addressed in Addendum #3 with the removal of the pH requirement 11.0 + 0.5 from the bid specification.

Question #10

The RFP #18-01 is stating WE-880 instead of WE-888 for your T22 Filter Aid?

Response to Question #10

The was addressed in Addendum #3 with the correction of the product name to WE-888.

Question #11

In reading the bid specifications for Chemical #8, Polyelectrolyte for the Dissolved Air Flotation Thickener (Page 33-35), you have the approved Polydyne product C-331. This product is a Mannich type polymer which is only made by one vendor in the United States. Estimated quantities are listed at 380,000 annual pounds. This approved Mannich polymer is only 3.4% active substance when delivered. Solenis will be bidding this application with one of our emulsion polymers which are 46%-48% active substance. Therefore our emulsion polymer will be 15 times more concentrated than the Polydyne C-331. This will equate to using at least 15 times less pounds of the emulsion versus the Mannich. Your pricing page does not account for this by only requesting our price per pound. Our total annual usage at 15 times less, our price per pound should be based on 25,333 total annual pounds of Emulsion Polymer to offer a comparable total annual cost versus the Polydyne C-331, and not the total annual estimated amount for Mannich.

We would like to ask the District to account for this in an addendum.

Response to Question #11

At this time the bid specifications for Chemical #8, Polyelectrolyte – Bulk Polymer will not change and no further addendums will be issued. Considering our current timeline, there is not enough time to accurately and exhaustively test compatibility with all affected processes. Future testing could be arranged, if said chemical can be proven to not have any adverse effect to plant processes.

Question #12

12.5% Bleach:

1. Page 38, 12. Invoices
 - a. It says that invoices shall not include sales tax per BOE Water Additives section. Only potable water treatment chemicals are tax exempt. Wastewater chemicals are taxable and just want this to be clarified as such.

Caustic Soda 50%:

2. Page 30, 7. Sodium Hydroxide
 - a. Are the quantities and pricing to be based upon wet or dry tons and pounds?
 - b. What is the difference between the two quantity lines? Is this really the same requirement expressed differently?
 - i. 685 tons in \$/ton?
 - ii. 2,640 tons in \$/lb?

Response to Question #12

12.5% Bleach used to make potable or recycled water is tax exempt per SBOE Section 275.0280 Water Additives/Chemicals referenced below.

(B) WATER ADDITIVES

275.0280 **Chemicals.** The following chemicals added to water which is resold remain in the water and may be purchased ex-tax:

calcium hypochlorite	sodium hydroxide
quick lime	hydrated lime
Chlorine	sodium hypochlorite
soda ash	lime
copper sulfate 4/9/64	sodium silicofluoride 11/21/62.

Sodium Hydroxide (Caustic Soda) 50% is price per Dry Ton, cost in \$/Ton is preferred.