



## ADDENDUM NO. 1 BID NO. 1386 WASTEWATER TREATMENT CHEMICALS

To: All Prospective Proposers

February 10, 2011

Prospective Proposers for the **BID NO. 1386 Wastewater Treatment Chemicals** are hereby notified that the Bid#1386 is corrected and amended as follows based upon questions we have received from you the bidders:

**Question # 1:** It was requested us to consider changing our bid spec for Sodium Hypochlorite from pricing in dry pounds to pricing in gallons. It is agreed by staff with this request that the pricing should be based upon gallons instead of dry pounds. This will affect the Bid #B-1386 in the following places:

"BID SUBMITTAL SHEET ITEM 2" "Quantity" & "Description" - The Quantity is now "**596,000**", the Description should now read "**Liquid Sodium Hypochlorite, per gallon, list manufacturer and Product Number**".

"Technical Specifications for Liquid Sodium Hypochlorite"

1. GENERAL""B. ...Prospective offeror(s) shall offer unit costs in \$/lb of NaOCl (dry)."

**This part of B. should be deleted.**

C. The supplier shall bill by the gallon weight of NaOCl (dry) delivered in pounds. The supplier shall calculate the volume weight of NaOCl (dry) (gallons) delivered in each shipment and the extended cost of each shipment as follows:

- (i) vol. of Liq. Sod. Hypo, in gal = (wt. of Liq. Sod. Hypo, in lb)/ (density of the Liq. Sod. Hypo. in lb/gal)
- (ii) Cost of shipment, in \$ = (vol. Liq. Sod. Hypo, in gal)/ (unit cost of Liq. Sod. Hypo. in \$/gal)  
wt. of NaOCl in ship. in lb = (wt. of Liq. Sodium Hypo. in ship. in lb) (NaOCl conc., in %by wt.)
- (iii) Cost of shipment, in \$ = (wt. of NaOCl in shipment, in lb) (unit cost of NaOCl, in \$/lb of NaOCl)"

**This should be changed to "The supplier shall bill by the gallons of NaOCl. The supplier shall calculate the volume weight of NaOCl (dry) (gallons) delivered in each shipment. "And the rest deleted.**

"6. QUANTITY"

The table under "Expected Quantity, Gallons/yr." should now read "**596,000.**"

"FORM B – SAMPLE PROPOSAL CITY OF LAS NORTH VEGAS CHEMICAL PRICE SHEET"  
"Item No. 2" "Qty." & "Unit of Measure" - The Qty is now "**596,000**", the Unit of Measure should now read "**Gallons**".

**Question #2:** It was also asked for clarification of section 5.5 Sodium Hypochlorite. This section should be changed from "The liquid solution should be clear or practically clear and free from visible contaminants. As delivered, the weight percent of NaOCL shall not be less than 12.5% or greater than 15.5% of available chlorine with approximately 0.3% to 0.85% excess NaOH for stability control...." to read as follows:

**"The liquid solution should be clear or practically clear and free from visible contaminants. As delivered, the weight percent of NaOCL shall not be less than 12.5% or greater than 15.5% with approximately 0.3% to 0.85% excess NaOH for stability control".**

**Question # 3.** It was requested for clarification of "Technical Specifications for Liquid Sodium Hypochlorite"

"1. GENERAL" line (ii). I believe that the change of "C" above should answer this main question.

**Question # 4:** Does the City have a preference for coal or coconut shell GAC?

The City prefers coal GAC

**Question # 5:** Is there mesh size specified?

The mesh size (U.S. Sieve Series) is the following:  
Greater than 4 mesh (4.75mm), %10 max.  
Less than 8 mesh (2.36mm), %5 max.

Other characteristics:  
H2S Capability (ASTM D6646 (, g/ml 02.min.  
Moisture, % as packed. 8 max

**Question # 6** What is the Iodine Number, hardness or the Ash Content?

We do not know the Iodine Number, the hardness, or the ash content and was not given any other information from our design engineers.

**Question # 7** Does the City's WRF have a delivery location and does it have a loading dock?

The delivery location for this material when it is ordered is 2580 North Betty Lane, Las Vegas, Nevada 89125. This location has a loading dock and the ability to unload the material.

**Question # 8** Responsibility for installation?

The City will contract with either the supplier or contractor for installation of the material.

**Question # 9** What are normal order quantities? This is to be determined with usage- the material will be re-ordered as the GAC Odor Control vessels absorb H2S.

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**Question # 10** Are there any previous suppliers or bid tabulations”?

No, this is a new bid.

**Question # 11** What about the Activated Carbon Specifications in CLNV Specification Section 11395 PART 1 1.4G)?

A new section will be added:  
Carbon Performance Verification Procedures

1. Carbon Testing

- a. Engage the services of Week Laboratories, inc., City of Industry, CA (626-336-2139) to carry out all the required carbon performance testing.
- b. Perform the following test:  
(1) H<sub>2</sub>S breaking through capacity, in accordance with ASTM D 6646.

2. Preliminary Performance Verification:

- a. Submit, within 60 days after Contract execution, a certificate from the carbon manufacturer certifying that its proposed activated carbon will meet the above specifications.

3. Testing of Delivered Carbon:

- a. Accompany each lot of activated carbon delivered to the Site by an analysis sheet of the measured characteristics of the carbon in that lot.
- b. Random samples of the delivered carbon will be selected by the City for testing to ensure product quality.
- c. If a random sample fails to meet the specifications, the City will have the option of removing the lot of carbon off the site within 48 hours of notification or retesting another random sample at the City's Expense.
- d. If the re-test fails, remove the failed lot of carbon within 48 hours of notification.
- e. Under no circumstances will more than one re-test be allowed.

**Question # 12** Bid Submittal Sheet regarding award.

Bid Submittal sheet should be changed to read “**(Bid will be awarded as ALL/NONE/PART)**”

**Question # 13** What is the policy on Price Escalation?

The City of North Las Vegas requires the vendor to provide a letter from the manufacturer for the intended price increase indicating the reasons for the increase and showing why it should be approved. The City will entertain no more than a 5% price increase per year.

**Question # 14** Should there be an “equal” sign in Ferric Chloride attachment 1. (i).

Yes, this is correct. Please make the change in Ferric Chloride Attachment 1.c. (i) to show an “equal” sign.

**Questions # 15** Do you have Delivery Logistics for the three chemicals listed?

The Sodium Bisulfite would have basically the same requirement as the Sodium Hypochlorite, the Citric Acid will be delivered in totes, and the Granular Activated Carbon will be delivered in bags either 40 lb bags or 1,000 lb super bags. The deliveries are assumed to be full truck load deliveries. Please see the additional attachments regarding the Delivery Logistics.

**Question # 16** Do you know how quickly you will use up the Citric Acid you will need?

We do not know at this time. It will be determined by how quickly we use up the Citric acid that is being supplied by our construction contractor.

**Question # 17** What are the Sodium Bisulfite and the Citric Acid unit of measures for pricing?

Wet Pounds. The Sodium Bisulfite and the Citric Acid unit price should be in wet pounds.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.

**THIS ADDENDUM MUST BE SIGNED AND SUBMITTED WITH BID #1386.**

Please note the corrections. If there are additional clarifications that are needed, please submit them by email to Tony Esguerra, Assistant Purchasing Manager, [esguerraa@cityofnorthlasvegas.com](mailto:esguerraa@cityofnorthlasvegas.com).

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Proposer

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Printed Name of Signature

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Signature