

**BID INVITATION**  
(THIS IS NOT AN ORDER)

FROM: FINANCE DEPARTMENT  
CITY OF WEATHERFORD  
P.O. BOX 255  
WEATHERFORD, TX. 76086  
(817) 598-4232

DATE:  
BID NUMBER: 2014-011  
BID TITLE: SODIUM CHLORITE WITH CLO2  
GENERATOR  
BID OPENING: 2 P.M., August 12, 2014

TO:

SEALED BIDS/PROPOSALS FOR THE ITEMS SPECIFIED WILL BE RECEIVED AT THE OFFICE OF THE DIRECTOR OF FINANCE, 303 PALO PINTO STREET, WEATHERFORD, TEXAS 76086 UNTIL:

**2:00 PM, TUESDAY, AUGUST 12, 2014**

**GENERAL CONDITIONS OF BIDDING - READ CAREFULLY. FAILURE TO COMPLY WITH THESE CONDITIONS MAY RESULT IN THE REJECTION OF YOUR BID AT THE DISCRETION OF THE CITY.**

1. SEALED BIDS/PROPOSALS MUST BE RECEIVED ON THE ATTACHED BID SUBMITTAL FORM, PRIOR TO OPENING DATE AND TIME TO BE CONSIDERED. LATE PROPOSALS WILL BE RETURNED, UNOPENED.
2. **BIDS SHALL BE PLAINLY MARKED AS TO THE BID NUMBER, NAME OF BID, AND OPENING DATE ON THE OUTSIDE OF A COMPLETELY SEALED ENVELOPE, AND MAILED OR DELIVERED TO THE FINANCE DEPARTMENT, CITY OF WEATHERFORD, P.O. BOX 255, 303 PALO PINTO STREET, WEATHERFORD, TEXAS 76086.**
3. ANY SUBMITTED ARTICLE DEVIATING FROM THE SPECIFICATIONS MUST BE IDENTIFIED AND HAVE FULL DESCRIPTIVE DATA ACCOMPANYING SAME, OR IT WILL NOT BE CONSIDERED.
4. ALL MATERIALS ARE TO BE QUOTED FOB WEATHERFORD, TEXAS, DELIVERED TO THE FLOOR OF THE CITY WAREHOUSE, OR AS OTHERWISE INDICATED.
5. UNLESS OTHERWISE NOTED ON THE BID, ALL PRICES FOR ANNUAL BIDS SHALL REMAIN FIXED FOR THE TIME PERIOD SPECIFIED ON THE BID SUBMITTAL FORM.
6. IN CASE DEFAULT BY BIDDER AFTER BID ACCEPTANCE, THE CITY OF WEATHERFORD MAY, AT ITS OPTION, HOLD THE ACCEPTED BIDDER OR CONTRACTOR LIABLE FOR ANY AND ALL RESULTANT INCREASED COSTS TO THE CITY AS A PENALTY FOR SUCH DEFAULT.
7. THE CITY OF WEATHERFORD RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS, TO WAIVE ALL INFORMALITIES AND REQUIRE THAT SUBMITTED BIDS REMAIN IN FORCE FOR A SIXTY (60) DAY PERIOD AFTER OPENING OR UNTIL AWARD IS MADE, WHICHEVER COMES FIRST.
8. THE QUANTITIES SHOWN MAY BE APPROXIMATE AND COULD VARY ACCORDING TO THE REQUIREMENTS OF THE CITY OF WEATHERFORD THROUGHOUT THE CONTRACT PERIOD.
9. THE ITEMS ARE TO BE PRICED EACH NET. PACKAGING OR SHIPPING QUANTITIES WILL BE CONSIDERED.
10. ANY ATTEMPT TO NEGOTIATE WITH THE CITY OF WEATHERFORD OR ITS REPRESENTATIVES PRIOR TO AWARD, OR GIVE FALSE INFORMATION ON THE CONTENTS OF THIS BID SHALL BE GROUNDS FOR DISQUALIFICATION.
11. THE CITY OF WEATHERFORD IS EXEMPT FROM ALL SALES AND EXCISE TAXES. (ARTICLE 20.04B)

12. ANY CATALOG OR MANUFACTURERS REFERENCE IN THIS INVITATION TO BID IS DESCRIPTIVE, BUT NOT RESTRICTIVE, AND IS USED ONLY TO INDICATE TYPE AND GRADE UNLESS OTHERWISE STATED.
13. FURNISH SPECIFICATIONS AND DESCRIPTIVE LITERATURE ON ALL ITEMS BID.
14. IN THE EVENT A NO-BID IS TO BE SUBMITTED, NOTE SAME ON INVITATIONS AND RETURN WITH THE GENERAL PROVISIONS INCLUDED HEREIN.
15. THE CITY OF WEATHERFORD RESERVES THE RIGHT TO AWARD BY ITEM OR TOTAL BID AND TO WAIVE ANY FORMALITIES AND TECHNICALITIES.
16. CASH DISCOUNTS WILL BE CALCULATED FROM DATE COMPLETE SHIPMENT OF ORDER IS RECEIVED, OR DATE INVOICE IS RECEIVED BY THE CITY, WHICHEVER IS LATER. PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES AND DELIVERY TICKETS.
17. PAYMENT FOR MATERIAL OR SERVICES WILL BE MADE ONLY AFTER COMPLETION OF ORDER HAS BEEN RECEIVED BY THE CITY, AND AFTER THE USING DEPARTMENT HAS CERTIFIED RECEIPT OF MATERIAL OR SERVICES, AND VERIFIED THAT THE MATERIAL OR SERVICE IS IN ACCORDANCE WITH THE BID SUBMITTED.
18. A BID CALCULATED ON AN "ALL OR NONE" BASIS, MUST BE SO STATED ON THE BID.
19. THE CITY OF WEATHERFORD RESERVES THE RIGHT TO CANCEL ANY CONTRACT AWARDED FROM THIS BID WITH 30 DAYS WRITTEN NOTICE TO THE SUCCESSFUL BIDDER IF CITY DISCOVERS SUB-STANDARD MATERIALS OR SERVICE NOT MEETING BID SPECIFICATIONS, OR THE PRICING OF SERVICES OR MATERIALS ARE NO LONGER IN THE BEST INTEREST OF THE CITY OF WEATHERFORD.
20. THE ENCLOSED "VENDOR QUESTIONNAIRE" FORM AND "CONFLICT OF INTEREST QUESTIONNAIRE" MUST BE FULLY COMPLETED AND ENCLOSED AS PART OF THE FORMAL BID PACKAGE.
21. ALL BIDS CALLING FOR LABOR AND MATERIALS FURNISHED BY THE BIDDER MUST BE BID AS SEPARATE AMOUNTS, SO SPECIFIED, FOR TAX AND ACCOUNTING PURPOSES. MATERIALS WHICH ARE INCORPORATED INTO OR BECOMES PART OF THE PROJECT ARE EXEMPT FROM SALES TAX. THE CONTRACT OR PURCHASE ORDER WILL SO REFERENCE THESE AMOUNTS. THE CONTRACTOR IS EXPECTED TO EXECUTE A RESALE CERTIFICATE INSTEAD OF PAYING THE SALES TAX AT THE TIME OF THE PURCHASE. THE CITY OF WEATHERFORD WILL ISSUE AN EXEMPTION CERTIFICATE FOR THE MATERIALS AS LONG AS THEY ARE A PART OF THE FINISHED PROJECT.
22. BIDDER SHALL STATE DELIVERY TIME IN "DAYS" AFTER RECEIPT OF ORDER.
23. BIDDER SHALL FURNISH AS A PART OF THE SEALED BID, A DETAILED STATEMENT OF WARRANTY.
24. IN THE EVENT OF A TIE BID FOR IDENTICAL MATERIALS BID AT IDENTICAL PRICES, THESE GENERAL CONDITIONS OF BIDDING WILL BE EVALUATED FOR COMPLIANCE AND WILL BE USED TO BREAK THE TIE. IN THE EVENT OF A COMPLETE AND TOTAL TIE IN ALL AREAS, THE STATE OF TEXAS LAW CONCERNING TIE BIDS WILL APPLY.
25. UNLESS OTHERWISE STATED, ALL MATERIALS ARE TO BE BID AS NEW AND UNUSED.
26. THIS CONTRACT WILL BE AWARDED EITHER TO THE LOWEST RESPONSIBLE BIDDER OR TO THE BIDDER WHO PROVIDES GOODS OR SERVICES AT THE BEST VALUE FOR THE MUNICIPALITY IN ACCORDANCE WITH CHAPTERS 252 AND 271 OF THE TEXAS LOCAL GOVERNMENT CODE.

**BID SUBMITTAL FORM**  
(THIS IS NOT AN ORDER)

FINANCE DEPARTMENT  
CITY OF WEATHERFORD  
P.O. BOX 255  
WEATHERFORD, TX. 76086

DATE:  
BID NUMBER: 2014-011  
BID TITLE: SODIUM CHLORITE WITH CLO<sub>2</sub> GENERATOR  
BID OPENING: 2 P.M., AUGUST 12, 2014

PLEASE QUOTE PRICES FOR THE ARTICLES OR SERVICES BELOW. THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ALL OR ANY PART OF YOUR OFFER, AND TO ACCEPT THE OFFER THE CITY CONSIDERS THE MOST ADVANTAGEOUS. BY SUBMITTING THIS BID THE UNDERSIGNED HEREBY CERTIFIES THAT SAID BID HAS BEEN INDEPENDENTLY ARRIVED AT AND THAT PRICE, TERMS OR CONDITIONS APPEARING OR APPLICABLE HERETO, HAVE NOT AND WILL NOT BE DISCLOSED BY OR ON BEHALF OF THE BIDDER OR COMPETITOR. ANY SUGGESTIONS AS TO QUANTITY TO SECURE A BETTER PRICE ARE WELCOME. ADDRESS CORRESPONDENCE TO THE CITY OF WEATHERFORD FINANCE DEPARTMENT, 303 PALO PINTO STREET, WEATHERFORD, TEXAS 76086. **FOR ADDITIONAL INFORMATION OR CLARIFICATION, PLEASE CONTACT TAZ THURMAN, ACTING WATER PLANT MANAGER 817-598-4010.**

**APPROXIMATELY 90,000 LBS. OF SODIUM CHLORITE-25% SOLUTION DELIVERED  
OVER A THREE-YEAR PERIOD AND ACCOMPANYING CLO<sub>2</sub> GENERATOR/FEED SYSTEM  
PER ATTACHED SPECIFICATIONS**

**DELIVERED PRICE PER POUND: \$ \_\_\_\_\_**

THE UNDERSIGNED HEREBY OFFERS TO FURNISH AND DELIVER THE ARTICLES OR SERVICES AS SPECIFIED ABOVE AT THE PRICES AND TERMS STATED AND IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND GENERAL CONDITIONS OF BIDDING, ALL OF WHICH ARE MADE A PART OF THIS OFFER. THIS OFFER IS NOT SUBJECT TO WITHDRAWAL.

\_\_\_\_\_  
COMPANY OR INDIVIDUAL

\_\_\_\_\_  
AUTHORIZED SIGNATURE

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PHONE NUMBER

## **City of Weatherford**

### **Specifications for Chlorine Dioxide Generator**

#### **For Water Purification Plant**

##### **1.0 General**

The City of Weatherford, Texas Water Purification Plant (WPP) currently uses Chlorine Dioxide as the primary disinfectant for the City's drinking water supply. The Chlorine Dioxide is injected into the raw water line approximately 3,000 feet from the treatment building. Current average daily flow is 4.5 million gallons per day (MGD) and the maximum hydraulic capacity of the WPP is 15 MGD. Plant raw water flow is variable between 0-9,700 gpm.

##### **2.0 Scope of Supply**

Bidder shall furnish and install two Chlorine Dioxide generators using liquid sodium chlorite and chlorine gas. The generators shall produce Chlorine Dioxide which shall be injected into the raw water supply pipe. The generators shall maintain a minimum of 95% generator efficiency (with a maximum of 10% excess chlorine). Generators shall be capable of proportional flow pacing in correlation to plant raw water flow rate (4-20 mA signal) and user designated dosage rate (ppm). The owner shall be able to maintain a constant dosage rate at the point of injection in variable flow rate raw water line.

Installation, start-up with chemical analysis and commissioning shall be included. Installation of the Chlorine Dioxide generators and ancillary equipment shall not interfere with WPP operation and the production of drinking water. Installation and start-up shall be completed within 48 hours.

Bidder shall supply two Chlorine Dioxide generators with capability to overcome 90 psi in raw water line 3,000 feet from generator. Chlorine Dioxide solution line is a 2-inch PVC line.

Bidder will provide one laboratory amperometric titrator with the platinum/platinum probe, provide titrating training, and provide for the monthly analyses with written report of three distribution system samples for the DBP chlorite by a TCEQ certified lab.

Bidder will be responsible for providing all parts and labor necessary to maintain generators for the contractor term at no additional cost.

Bidder shall provide official training, and O&M manual for all equipment, and materials and safety data sheets for all chemicals provided.

The owner reserves the right to cancel the contract with the selected bidder, should the bidder fail to repair damaged or broken equipment within two (2) weeks of written notification by the owner.

### **3.0 Performance Criteria**

The system must be able to communicate with a Modicon PLC. Utilizing a Modicon PLC would be preferred by the City. All data points both real and calculated will be identified on an Excel spreadsheet. This data shall include address and scaling. [Example: Address %mw0401 is 0 to 100 PSI line pressure and scaled 400 to 20000 counts]. All interfacing of the two PLC systems shall be the responsibility of the supplier. The City of Weatherford shall make required protocols available to the supplier.

### **4.0 Required Site Visits**

The generators shall work with existing site conditions and bidder shall arrive within 24 hours of notification by the Owner in an emergency situation.

Bidder shall make one site visit per month, not counting emergency site visits, for equipment calibration, measure generator efficiency and to perform preventative maintenance on the generators. Date of monthly site visits to be determined by the Owner.

A field service report shall be prepared after each monthly visit. The report shall include:

- 1) Generator Data
  - i) Generator identification
  - ii) Production set point
  - iii) Rotometer setting with corresponding chlorite ml/min and chlorite lb/day feed rate
  - iv) Educator gpm flow rate
- 2) Service and Maintenance Activities Performed
- 3) Analytical Data
  - i) Generator efficiency
    - i. Percent chlorite converted to chlorine dioxide
    - ii. Percent excess chlorine
  - ii) Chlorine Dioxide concentration
    - i. Raw water-titration steps A,B,C,D chlorine Dioxide concentration, chlorite concentration, and chlorine concentration

### **5.0 Basis for Bids**

Bids shall be based on the requirements in this specification, a three-year period, and the chemical usage as described in Attachment A.

**Appendix A**

								25%		
				ClO <sub>2</sub>	25%	25%	NaClO <sub>2</sub>			
				ClO <sub>2</sub>	lb/3yr	NaClO <sub>2</sub>	NaClO <sub>2</sub>	lb/3yr		
MGD	H <sub>2</sub> O	lb/gal	ClO <sub>2</sub> ppm	=	lb/day	ClO <sub>2</sub> lb/yr	contract	lb/day	lb/yr	contract
Plant maximum flow rate										
14	8.34	2.12	=	247.5				247	90,000	270,000
Plant average flow rate										
4.5	8.34	2.12	=	79.56	29,039			87,118		

25% sodium chlorite weighs between 10.2 and 10.4 lbs./gal depending on vendor

Each lb. of chlorine dioxide requires:

5.42 lbs. of 25% sodium chlorite

0531 gallons of 25% sodium chlorite

0.53 lbs. 100% chlorine (g)

# CONFLICT OF INTEREST QUESTIONNAIRE

# FORM CIQ

For vendor or other person doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 1491, 80th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code by a person who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the person meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code.

A person commits an offense if the person knowingly violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.

## OFFICE USE ONLY

Date Received

**1** Name of person who has a business relationship with local governmental entity.

**2**  Check this box if you are filing an update to a previously filed questionnaire.

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)

**3** Name of local government officer with whom filer has employment or business relationship.

\_\_\_\_\_  
Name of Officer

This section (item 3 including subparts A, B, C & D) must be completed for each officer with whom the filer has an employment or other business relationship as defined by Section 176.001(1-a), Local Government Code. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the filer of the questionnaire?

Yes       No

B. Is the filer of the questionnaire receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

Yes       No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership of 10 percent or more?

Yes       No

D. Describe each employment or business relationship with the local government officer named in this section.

**4**

\_\_\_\_\_  
Signature of person doing business with the governmental entity

\_\_\_\_\_  
Date

CITY OF WEATHERFORD  
VENDOR QUESTIONNAIRE

I. Business Name and Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. \_\_\_ Proprietorship \_\_\_ Partnership \_\_\_ Corporation

III. Employer ID Number or Social Security Number: \_\_\_\_\_

IV. Years Company Has Been in Business: \_\_\_\_\_

V. Company Owners/Officers by Name and Title:

- a. \_\_\_\_\_
- b. \_\_\_\_\_
- c. \_\_\_\_\_
- d. \_\_\_\_\_
- e. \_\_\_\_\_

VI. Bank and Other Business References:

- a. Bank: \_\_\_\_\_  
Phone: \_\_\_\_\_ Contact: \_\_\_\_\_
  
- b. Company: \_\_\_\_\_  
Phone: \_\_\_\_\_ Contact: \_\_\_\_\_
  
- c. Company: \_\_\_\_\_  
Phone: \_\_\_\_\_ Contact: \_\_\_\_\_

Information must be furnished to City prior to award of contract.