

REQUEST FOR SEALED BIDS

Notice is hereby given that the City of Fort Stockton is requesting sealed bids for:

Chemicals and Filters for Two (2) Existing Water Treatment Plants

Sealed bids must be mailed to the **City of Fort Stockton, P.O. Box 1000 or 121 W. Second Street, Fort Stockton, Texas, 79735**. The deadline for receiving sealed bids is **4:00 p.m., Friday, March 17, 2023**, in the Office of the City Secretary; at which time they will be opened publicly and read aloud. Sealed bids received after the specified time of closing will be returned unopened. The approved and accepted bid will be awarded at the Regular City Council Meeting scheduled for **March 27, 2023 @ 5:30 P.M.**

To obtain a packet, please contact City Secretary Marina Cantu @ (432) 336-8525, Fort Stockton City Hall, P.O. Box 1000 or 121 W. 2nd Street, Fort Stockton, Texas 79735.

Sealed bids must be submitted in a sealed envelope & marked:

“Chemicals and Filters for Two (2) Existing Water Treatment Plants”

In furthering our goal to continue to provide quality water to the citizens of the City of Fort Stockton, the City is seeking to receive bids from a qualified company to provide pricing for each specified request, including any freight and delivery charges for the operation of the City of Fort Stockton R/O Plants. Company Representatives may bid on one or more items, individually.

Therefore, it is in the best interest of the City of Fort Stockton to obtain the services of the highest qualified company to assist in providing **pricing for the chemicals and filters for the Two (2) Existing Water Treatment Plants**.

Each Qualified Company will be evaluated only on the quality and experience of the company and its personnel.

The City Council reserves the right to accept the statement which, in its judgment is from the most responsible firm; to reject any or all statements; and to waive irregularities or informalities in any statement submitted.

The City of Fort Stockton is an Affirmative Action/Equal Opportunity Employer.

By order of the City Council at a Regular Meeting held on the 13th day of February 2023.


Marina Cantu, City Secretary

REQUEST FOR BIDS
FOR
CHEMICALS & FILTERS
FOR
TWO (2) EXISTING WATER TREATMENT PLANTS

OWNED AND OPERATED
BY
CITY OF FORT STOCKTON

Release Date: February 13, 2023

Close Date: March 17, 2023

Section 1.01 INTRODUCTION

The City of Fort Stockton (the City) is requesting Bids from qualified service providers in the field of water treatment processes, and consumables for the support of chemical and filter services for two (2) existing Reverse Osmosis treatment plants (RO plants) owned & operated by City of Fort Stockton. The contract(s) will be initially awarded for one (1) year with the option to extend an additional year.

The City of Fort Stockton (the City) is requesting bids from qualified providers of filters and valves for two (2) existing Reverse Osmosis Treatment Plants (RO plants) owned & operated by City of Fort Stockton.

City of Fort Stockton has two (2) existing RO plants at two (2) different locations:

1. Downtown Fort Stockton (City Yard Plant) (Physical address: 501 N. Valentine Ft. Stockton, Texas 79735)
2. Two (2) miles west of City limits (Hill Plant) (Physical address: 626 S. Ellyson Blvd. Ft. Stockton, Texas 79735).

Chemicals:

City Yard RO plant – RO plant has (2) two trains - Train1 & Train 2 each with an array configuration of 10:5-6M capable of 361 GPM of Permeate production rate PER Train. Permeate water from each RO train is blended with 90 gpm of treated feed to achieve total of 451 GPM PER train finished water with a TDS of 250-400. Raw water is pumped via booster pump skid into the Pretreatment system of each train. Pretreatment consist of antiscalant feed system and 1 micron cartridge filters. Each RO train has its own individual tote fed antiscalant chemical feed system that has Walchem pump with drawdown column and 1 micron cartridge prefiltration before the feed water enters the RO membranes (Toray TM720L membranes). Antiscalant chemical blend is used for preventing fouling & scaling of membranes due to presence of silica, carbonate, and sulfate & some iron in feed water. A Clean-in-Place (CIP) skid for cleaning of membranes with a

permeate flush on shutdown is installed. A single CIP skid is common to both trains 1 & 2. Both RO trains are loaded with full instrumentation and controls for automated operation of the plant.

Main RO plant – RO plant has three (3) trains A, B & C each with an array configuration of 18:9-7M capable of 700 GPM of Permeate production rate PER Train. All blending is off skid to blend a small amount of raw well water, to achieve finished water with TDS of 250-400 for each train. Raw water is gravity fed into the Pretreatment system of each train. The Pretreatment consist of Wedeco UV reactors, antiscalant feed system and 1 micron cartridge filters. Each RO train has its own tote fed antiscalant chemical feed system that has Walchem pump with a drawdown column and 1 micron cartridge prefiltration before the feed water enters the RO membranes (Toray TM 720-400). Antiscalant chemical blend is used for preventing fouling & scaling of membranes due to presence of silica, carbonate, and sulfate & some iron in feed water. A standalone Clean in place skid for cleaning of membranes is installed. A single CIP skid is common to all 3 trains A, B & C. RO trains are loaded with full instrumentation and controls for automated operation of the plant.

Filters:

City Yard RO Plant – RO Plant has two (2) trains – Train 1 & Train 2 each with an array configuration of 10:5-6M capable of 361 GPM of Permeate production rate per train. Permeate water from each RO train is blended with 90 GPM of treated feed to achieve a total of 451 GPM per train finished water with a TDS of 250-400. Raw water is pumped via booster pump skid into the Pretreatment System of each train. Pretreatment consists of Antiscalant Feed System and 1 Micron Housing. Each RO train has its own individual fed Antiscalant Chemical Feed System that has a Walchem Pump with a drawdown column and 1 Filter Housing that contains ninety-seven (97) 1 Micron Cartridge Filters located before the feed water enters the RO membranes. There are two (2) additional Filter Housings that contain ninety-seven (97) 1 Micron Cartridge Filters each, utilized for water well filtration.

Main RO Plant – RO Plant has three (3) trains – A, B & C each with an array configuration of 18:9-7M capable of 700 GPM of Permeate production rate per train. Raw water is gravity fed into the Pretreatment System of each train. The Pretreatment consist of Wedeco UV reactors, Antiscalant Feed System and 1 Filter Housing that contains ninety-seven (97) 1 Micron Cartridge Filters.

The Bids will be evaluated by the City Manager of Fort Stockton and may include an interview of one or more teams. The team judged as the most qualified will be recommended to the City Council for award of the contract.

Section 1.02 PROJECT SCOPE

Chemicals:

The scope will include providing chemicals and filters for the operation of the City of Fort Stockton R/O Plants. The scope will include delivery program (delivering chemicals and filters to plant site in Fort Stockton and offloading from the supplier trucks). The scope will include supplying to the City with a specialty blended NSF approved antiscalant chemical blends that can achieve high recovery rates and that can control sulfate, silicate, calcium carbonate and iron as well as other constituents that have fouling & scaling potential. It shall be required that prospective bidders request from the City a copy of the most current water analysis from two (2) different source wells, for the purpose of providing in their proposals, a calculated dosing rate and yearly cost analysis of a chemical treatment program specific to the City's raw water quality and each RO plant's total permeate output.

Filters:

The scope will include providing the City of Fort Stockton R/O Plants with:

- 1 micron, spiral wound cartridge filters, 2.5"D x 1.1" ID x 40" L, with compression springs, as needed;

SCOPE OF SERVICES:

All bidders are requested to be able to comply with but not limited to the following to meet scope specified in this **Bid**:

Chemicals:

- 1) Assist the City in achieving highest recovery with least quantity brine production by recommending and providing NSF approved antiscalant chemical that are custom formulated & blended specific to the feed water quality and flowrates of feed water from two (2) different source wells for each RO plant. Proposed Antiscalant chemical blends must have high active ingredient concentration and must be capable of controlling silica & sulfate scaling potential of feed water
- 2) Able to predict optimal dosing rates for antiscalant chemicals to be able to achieve minimum of 75% recovery rate or higher and cleaning chemicals that will reduce the frequency of cleaning intervals to minimum possible.
- 3) Able to provide chemicals (antiscalant and cleaning chemicals) and offload chemicals at delivery.
- 4) Able to provide a minimum of 1 year warranty for damage by chemicals on the membranes & main RO equipment & associated components.

Filters:

- 1) Able to provide cartridge filters for a minimum of one year.

PRICING:

Pricing information is to be included in tabular form for the items requested. Estimated shipping fee(s) should be included in the bid.

QUALIFICATIONS:

Prospective Qualifier's team is requested to be able to comply with below listed capabilities:

- 1) Prospective Qualifier's team must have experience working in State of Texas for a minimum of 5 years in Water Treatment Industry.
- 2) Prospective Qualifier must provide experience & capabilities to specially formulate and blend chemicals to improve recovery rates, prevent scaling and fouling of membranes and minimize the volume of waste steam.
- 3) Prospective Qualifier must provide a Chemical Expert within depth knowledge of performing water quality modeling and hydraulic modeling using French Creek Software and /or other similar modeling software to create process design reports and help determine various critical design parameters.

EQUIPMENT AND FACILITIES

Bidder must be based on or have a shop facility in Texas. Must have the ability to undertake and complete its projects 100% whenever required.

Section 1.03 DELIVERY OF SUBMITTAL

Bids must be received by the City of Fort Stockton, attention Marina Cantu, City Secretary at the following address no later than Friday, March 17, 2023, 4:00 PM (Local Time).

Marina A. Cantu

City Secretary
RO Plant Services Proposal
121 W. 2nd Street
Fort Stockton, Texas 79735

The submitting Bidder is responsible for the means of delivering the Bid to the location listed in Section 1.03 on time. Delays due to any instrumentally used to transmit the Bids including delay occasioned by the Bidder or the City of Fort Stockton's internal mailing system will be the responsibility of the Bidder. Bid must be completed and delivered in sufficient time to avoid disqualification for lateness due to difficulties in delivery. The time clock in City of Fort Stockton City Secretary's Office is the official clock for determining whether submittals are submitted within the designated time constraints. Late Bid documents will not be accepted under any circumstances.

There is no expressed or implied obligation for the City of Fort Stockton to reimburse responding teams for any expenses incurred in the preparation of a Bid in response to this request. The

City of Fort Stockton reserves the right to increase or decrease the scope of work related to this project as outlined in the Bid after a team is selected to accommodate changes in the project needs as determined by the City of Fort Stockton or to serve its best interests

Section 1.04 INSTRUCTIONS FOR COMPLETION OF RESPONSES

- (a) Information presented in the Bid will be used to evaluate the professional qualifications and determine the Bidder(s) which will be selected to provide professional services to the City.
- (b) Responses shall be completed in accordance with the requirements of this Bid and on 8 1/2 x 11” pages, double spaced, (one side only and including cover letter) using a font size no smaller than 11 point and one inch margins. Bids shall be without ambiguity, and with adequate elaboration, where necessary, for clear understanding.

Section 1.05 WITHDRAWAL OF PROPOSALS

An authorized representative of the company may withdraw a Bid at any time prior to the Bid submission deadline, upon presentation of acceptable identification as an authorized representative of such company.

Section 1.06 AWARD OF CONTRACT

- (a) It is understood that the City reserves the right to accept or reject any and all Bids and to re-solicit for Bids, as it shall deem to be in the best interests of the City. Receipt and consideration of any Bids shall under no circumstances, obligate the City to accept any Bid. If an award of contract is made, it shall be made to the responsible Bidder(s) whose bid is determined to be the best evaluated submission.

Section 1.07 CENTRAL POINT OF CONTACT

Bidder must provide a central point of contact to establish service, resolve issues and end service.

Section 1.08 DISQUALIFICATION OF BIDDERS

- (a) Bidders may be disqualified for any of the following reasons:
 - (i) The Bidder is involved in any litigation against the City.
 - (ii) The Bidder is in arrears on an existing contract or has defaulted on a previous contract with the City.
 - (iii) Lack of financial stability.
 - (iv) Failure to perform under previous or present contracts with the City.

Section 1.09 EVALUATION CRITERIA

- (a) The City will make its selection from the bids submitted in response to this Request for Bids. If deemed necessary by the City, interviews with the firms deemed most qualified, may be conducted. Once a selection is made, a scope of work will be negotiated with the chosen team(s). The chosen firm(s) will then be requested to submit a detailed contract to perform the services. The City maintains the right to terminate the selection process at any time if they feel it is in the best interest of the City. When an agreement is reached, City Manager will make a recommendation to the City Council to execute a contract pursuant to the agreement. The City reserves the right to accept or reject any or all Bids and to accept what in the judgment of the Mayor and City Council is the most advantageous Bid.

Section 2.00 QUALIFICATION SUBMITTED SHALL AT LEAST PROVIDE FOR THE FOLLOWING:

- (a) Brief description of past and/or current contracts with similar scope along with references with a proof of working experience in State of Texas for a minimum of 10 years in Water Treatment Chemicals Industry.
- (b) List the location of the office or offices of the team as well as the contact information and who is the sole agent for contact with the City of Fort Stockton for this contract.
- (c) Brief description or summary to prove that the bidder's team has experience in formulation and blending of Specialty Chemicals that can improve recovery rates, prevent scaling and fouling of membranes and minimize the volume of waste stream.
- (d) By execution and submission of a response to the Request for Bids, the Bidder hereby represents and warrants to the City that the Bidder has read and understands the Request for Bids and the response is made in accordance with the Request. Bidder acknowledges that it understands all terms within the Request for Bids and that it had the right to consult with counsel regarding all the above documents.
- (e) By submitting this Request for Bids, the Bidder specifically waives any right to recover or be paid attorney's fees from the City or any of the City's employees and representatives under any of the provisions of the Texas Uniform Declaratory Judgments Act (Texas Civil Practice and Remedies Code, Section 37.001, et. Seq., as amended). By submitting a response to the Request for Bids, each Bidder agrees to waive and does hereby waive any claim the Bidder has or may have against the City, its respective employees and representatives for the award of attorney fees, arising out of or in any way connected with the following:
 - (i) The administration, evaluation, or recommendation of any Request for Bids.**
 - (ii) Acceptance or rejection of any Request for Bids; and**
 - (iii) Award of Contract.**
- (f) The City reserves the right to waive, delete or amend any of the requirements connected with the Request for Bids and to reject any and all bids.

- (g) Any other relevant information that the Bidder wishes to submit to the City that will assist the City in determining the extent to which the services meet the City's need to provide the best value for the City