

EL PASO WATER UTILITIES

1154 Hawkins Blvd, El Paso, Texas 79925, 1st Floor Purchasing and Contracts

Formal Bid Solicitation Check List

Antiscalant and Clean in Place Chemicals

Bid # 05-18

THIS CHECKLIST IS PROVIDED FOR YOUR CONVENIENCE

Before turning in your bid proposal did you do the following?

_____ Did you check our website www.epwu.org for any addendums? **(Failure to sign addenda and include with bid proposal may deem the bidder's submission non-responsive.)**

_____ Did you complete the Conflict of Interest Questionnaire?

_____ Did you complete the Statement of Residency?

_____ Did you complete the Statement of Nondivestment from Israel?

_____ REVIEW the process associated with the Texas Ethics Commission form 1295? (Form will be required to be completed by awardee on the Friday before Public Service Board Meeting)

_____ Did you sign the Bid Proposal and provide two (2) signed bid proposals, one (1) original signed in blue ink and one (1) copy?

_____ Did you complete the Excel Worksheet with all HIGHLIGHTED costs and blank spaces filled out and submit it on a CD or USB Drive along with the sealed bid proposal? The Excel worksheet is found with the bid announcement located at www.epwu.org **(Failure to include the Excel Worksheet and submit it on a CD or USB Drive may deem the bidder's submission non-responsive). Please Label CD or USB Drive with Bid number and Company name.**

_____ Is your bid in a sealed envelope marked with the **Bid Number** and **Company name**? Deliver your bid to the El Paso Water Utilities Purchasing Department by **11:00 a.m. August 13, 2018.**



BID PROPOSAL TO EL PASO WATER UTILITIES

1154 HAWKINS BLVD., EL PASO, TX 79925
Phone: 915/594-5628 Fax: 915/594-5689

The undersigned bidder offers to furnish all the materials, supplies, equipment and /or services shown below in accordance with specifications, terms and conditions set forth herein. Note: The "INSTRUCTION TO BIDDERS" are attached on the last two pages of this bid proposal document and are applicable, unless otherwise stated within the bid proposal document.

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FIRM: _____

MAILING ADDRESS: _____ SIGNATURE: _____

STREET ADDRESS: _____ PRINTED NAME: _____

CITY/STATE/ZIP: _____ TITLE: _____

PHONE NUMBER: _____ FAX: _____

E-MAIL: _____ DATE: _____

Bid Proposal shall bear an original signature, in ink, of a responsible officer or agent for the company. Failure to sign will be the basis for declaring the bid proposal non-responsive.

Submit two (2) signed bid proposals, one (1) original signed in blue ink and one (1) copy. Note: Faxed and/or Email bids will not be accepted.

Any requests for clarifications and/or changes to this bid proposal shall be made in writing via email to Levi Chacon at lchacon@epwu.org or sent via fax to Levi Chacon at (915) 594-5689. Requests need to be submitted by March 05, 2018. Requests submitted after this time frame, may not elicit a response. Answers to bid questions will be posted March 07, 2018.

All items noted on the last two pages of the attached "INSTRUCTIONS TO BIDDERS" will apply to this bid proposal **except** for the following:

- Item(s):
Item # 14 - Bid Security
Item # 15 - Payment & Performance Bond

NOTE: Bidders are to complete the attached check list and Excel form spreadsheet found with this Bid announcement located at www.epwu.org. Bidder must provide a saved read only CD formatted copy or USB Drive of this Excel spreadsheet returned with sealed bid. CD or USB Drive must have the bid

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number and company name written on the CD or USB Drive. Failure to complete this may deem the bidders submission non responsive.

This bid will be awarded to the bidder with the lowest, responsive, responsible "Total Bid" for items ___1___ thru ___5___ as noted on the Excel spreadsheet.

***EAU = ESTIMATED ANNUAL USAGE**

*The quantities shown on the Excel spreadsheet is an estimated annual usage. Although no obligation shall exist to purchase these quantities, the Utility reserves the right to increase, decrease and/or change these requirements to provide for continued operation during the Contract Period.

Bidder must provide:

A current Safety Data Sheet (SDS) for the Product.

A typical Certificate of Analysis for the Product the Bidder proposes to provide

Provide an affidavit affirming that the Product the Bidder proposes to provide will comply with ANSI/NSF Standard 60 for Drinking Water Treatment Chemicals

Failure to provide any of the information requested on this Bid form or requested as an attachment to the Bid Proposal may result in the disqualification of the Bid submittal

THE ITEM(S) CONTAINED WITHIN THIS BID PROPOSAL IS / ARE TO BE PROVIDED IN ACCORDANCE TO THE FOLLOWING AND OR ATTACHED SPECIFICATIONS:

CONDITIONS FOR ALL CHEMICALS

BIDDER RESPONSIBILITIES:

In addition to all requirements and responsibilities described in the attached SPECIFICATION, the Bidder shall also comply with the following responsibilities:

- a. Primary and Alternate Distribution Facility: The Bidder will provide, as part of the Bidder's Proposal, the location of the Primary Distribution Facility from which the product will be shipped, as well as an Alternate Distribution Facility that can be used in order to provide the Product to the UTILITY on a timely basis in the event of a disruption in the flow of the product, or raw materials needed to produce it, to the Primary Distribution Facility.
- b. Safety Data Sheet: A current Safety Data Sheet (SDS) for the Product shall be provided with the Bid Proposal submittal. Failure to provide the Safety Data Sheet (SDS) with the Bid Proposal submittal may result in the disqualification of the Bid Proposal submittal.
- c. Certificate of Analysis: The Bidder shall furnish, by attachment to the Bid Proposal, a typical Certificate of Analysis of the Product the Bidder would provide should the Bid Proposal be accepted. This analysis shall comply with all analysis methods and requirements described in the attached SPECIFICATION. The SUPPLIER shall submit such typical analysis with each shipment and on an annual basis or at any time there is a change in the manufacturing practices during the Contract Period.
- d. Sample: The Bidder may be required to furnish a typical sample of the Product.

ORDERING PROCEDURES:

The SUPPLIER will be provided with a Material Release order by FAX OR E-MAIL for delivery of the Product. Upon written notification, delivery is to be made in partial shipments which will continue throughout the

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Contract Period. SUPPLIER will be available to make the delivery within the Notification Time given on the Proposal form.

SHIPPING REQUIREMENTS:

The Product shall be delivered F.O.B., freight pre-paid.

In addition to any shipping requirements included in the attached SPECIFICATION, the SUPPLIER shall comply with the following:

- a. Delivery containers shall be cleaned and inspected by the SUPPLIER for any contamination or impurities immediately prior to filling, and shall be protected against the introduction of impurities during the entire filling, transport, and delivery processes.
- b. The SUPPLIER shall follow all applicable Federal, State and Local shipping regulations.
- c. The Product shall with a legible tag showing:
 -) Product name
 -) Name and address of manufacturer
 -) Specific gravity (for liquids)
 -) Grade and/or Concentration

If the Product is delivered via tanker truck, the SUPPLIER shall comply with the following requirements:

- a. A certified statement of specific tanker cleaning shall be emailed to the treatment plant prior to each shipment. The statement shall include the method of cleaning, the method of inspection, security procedures following cleaning/inspection, the cleaning company, and a contact name and phone number for the cleaning company. El Paso Water Utilities reserves the right to inspect the cleaning and filling facilities. After the first cleaning, this requirement may be waived if the delivery containers are used exclusively for delivering only the Product meeting the requirements of this specification. The SUPPLIER must request this wavier in writing and sequentially be granted it by El Paso Water Utilities before it is implemented.
- b. After filling the delivery container at the loading location, all hatches and connection caps shall be sealed against tampering.

DELIVERY AND UNLOADING REQUIREMENTS:

The product shall be delivered to the locations and during the hours specified in the attached SPECIFICATION.

A 24 HOUR NOTICE OF REQUEST FOR DOCK APPOINTMENT SHALL BE PHONED INTO ALL LISTED FACILITES REQUESTING PRODUCT BY TRANSPORTATION COMPANY DISPATCH.

DOCK APPOINTMENT FOR DELIVERY IS REQUIRED AND THE EL PASO WATER UTILITIES WILL NOT HONOR OR PAY DEMURRAGE.

After a dock appointment is made, the SUPPLIER must email the El Paso Water Utilities facilities at the email addresses listed in the attached SPECIFICATION before the truck leaves the SUPPLIER's facilities. The email must contain the following information:

- a. The names of the driver and anyone accompanying the driver, including a supervisor, trainer or trainee
- b. The tractor and trailer numbers

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- c. PDF or other photo copy of the Bill of Lading which includes the EPWU contract number, the name of the transport company, contract name, and the cap seal numbers multiple loads are from the same lot, provided that one copy is provided to each of the treatment plants receiving a delivery from that lot.

Each delivery must be accompanied by a Certificate of Analysis conforming to all requirements contained in these Conditions and in the attached SPECIFICATION. A single Certificate of Analysis may be used if

Responsibility for expediting and tracking each shipment shall be the SUPPLIER's until delivery is accepted. The SUPPLIER shall notify El Paso Water Utilities' Contract Representative and the Treatment Plant immediately of any delay while in route to the delivery location.

All truckload deliveries shall be accompanied by one scale ticket from a state certified scale showing the name of the scale company, its location, date, truck and trailer number, and gross, tare and net weights.

The weight tickets shall be for the actual load delivered to El Paso Water Utilities.

Antiscalant shall be delivered by tanker truck in volumes not to exceed 4,000 gallons. The shipper shall supply all hoses and fittings required to connect to the existing El Paso Water Utilities facilities. Delivery containers shall be structurally sound and meet industry standards for compatibility with the Antiscalant. All hatches and fill/drain connections shall be capped and in good condition to prevent contamination of product.

Delivery vehicle hoses shall be clean, capped, and sealed while in transit to prevent contamination of product during unloading.

Where applicable, appropriate volume to weight conversions shall be calculated if delivered product unit differs from invoiced unit price using the following calculation:

Lb. invoiced = gal. delivered x specific gravity of product x 8.34 Lb. /gal

The SUPPLIER shall allow a minimum of 2.5 hours unloading time without demurrage.

Deliveries shall be accepted on Monday through Friday ONLY DURING THE HOURS OF 8:00 A.M. TO 3:00 (1500) P.M., TO THE FACILITY LISTED BELOW.

Kay Bailey Hutchison Desalination Plant:

10751 Montana Ave. El Paso, Texas 79935, Attn: Mr. Art Ruiz, (915) 621-2051, aruiz@epwu.org

Any alternative method of determining weight for the Product must be submitted in writing with this proposal and approved by El Paso Water Utilities. El Paso Water Utilities reserves the right to determine the quantity delivered through its online instrumentation or weighing after offloading, if it believes weight tickets are inaccurate or that an entire shipment was not offloaded. It further reserves the right to make payments based on this determination.

The container or tanker truck used to deliver the product shall have a tamper-proof seal. El Paso Water Utilities personnel will visually inspect the delivery container prior to unsealing, opening, sampling and unloading. Seals shall not be removed prior to inspection. Prior to being unloaded, El Paso Water Utilities personnel must accept each delivery. In the event a delivery is rejected by El Paso Water Utilities, the SUPPLIER shall provide a replacement shipment meeting the requirements of this specification within 72 hours of original delivery.

El Paso Water Utilities reserves the right to reject any shipment it cannot identify, does not deem secure, or does not pass El Paso Water Utilities' screening test

Personnel entering the premises of the El Paso Water Utilities (to include drivers of delivery vehicles) are required to wear an identification badge containing the following information:

- a. Name
- b. Company Name
- c. Employee's Picture

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Entry to the premises of the El Paso Water Utilities facilities may be denied to individuals without identification as addressed above.

The SUPPLIER is responsible for unloading of the Product, and making any necessary connections to EPWU facilities, in a manner that fits EPWU facilities and procedures. If the Proposal is accepted, before making any chemical deliveries the SUPPLIER shall make a preliminary visit to each of the facilities to which chemicals will be delivered to become familiar with unloading conditions and necessary connections.

During the delivery/unloading process, the SUPPLIER shall follow proper safety and security procedures to the satisfaction of El Paso Water Utilities including safety procedures described in applicable AWWA standards and the Product SDS, and the use of personal protective equipment (PPE) recommended by the Product SDS. El Paso Water Utilities reserves the right to refuse unloading if driver does not have the proper PPE.

TESTING REQUIREMENTS:

El Paso Water Utilities reserves the right to analyze each delivery to determine if it meets required specifications. Tests performed and tests methods shall be at the sole discretion of El Paso Water Utilities.

If El Paso Water Utilities determines that the Product delivered does not meet required specifications, the material will be rejected and must be removed at the SUPPLIER's expense. If material is determined to be unacceptable to El Paso Water Utilities, three additional one-liter samples shall be collected from the delivery container in accordance with any applicable AWWA standards, sealed and labeled in the presence of the SUPPLIER, and retained by El Paso Water Utilities. A notice of nonconformance shall be provided by El Paso Water Utilities to the SUPPLIER within ten working days after receipt of the shipment at the point of destination.

The results of El Paso Water Utilities' tests shall prevail unless the SUPPLIER notifies El Paso Water Utilities within five working days after receipt of the complaint that a retest is desired. On receipt of the request for a retest, El Paso Water Utilities shall forward to the SUPPLIER one of the sealed samples. In the event results obtained by the SUPPLIER, on retesting, do not agree with the test results obtained by EPWU, the other sealed sample shall be forwarded, unopened, to a referee laboratory agreed on by both parties. If a referee analysis is needed, analysis shall be conducted using the methods required for the Certificate of Analysis (see attached SPECIFICATION). The results of the referee analysis shall be accepted as final. The cost of the referee analysis shall be paid by the SUPPLIER if the material does not meet the requirements of this specification and by El Paso Water Utilities if the material does meet this specification.

TITLE TRANSFER:

Title of the Product shall pass from the SUPPLIER to El Paso Water Utilities when El Paso Water Utilities has received, inspected and approved the material, subject to El Paso Water Utilities rights to return the product described herein.

ESTIMATED QUANTITIES:

The estimated annual usage is provided in the SPECIFICATION and is an approximate estimate. No obligation shall exist to purchase these quantities, and the UTILITY reserves the right to increase, decrease and/or change these requirements to provide for continued operation during the Contract Period.

SPECIFICATION FOR ANTISCALANT AND CLEAN-IN-PLACE CHEMICALS

IMPORTANT DATES:

(All times are Mountain Standard Time):

Advertisement Dates:	February 23 & March 02, 2018
Intent to Pilot Deadline:	March 05, 2018 at 5:00 PM
Deadline for emailed written questions:	March 05, 2018 at 5:00 PM
Date answers to questions posted on website:	March 07, 2018 by 5:00 PM
Deadline for receipt of Antiscalant Pilot Proposal:	March 16, 2018 at 12:00 PM
Coordination and Installation Period	March 16 – April 9, 2018
Pilot Delivery and Installation Deadline	April 9, 2018
Pre-Start Period Dates	April 9 – April 17, 2018
Pilot Start-Up Date	April 18, 2018
12-week Pilot Completion Date	July 11, 2018
Final Report due Date	August 6, 2018 by 5:00 PM
Autopsy Report Due Date:	August 6, 2018 by 5:00 PM
Bid Proposal Deadline	August 13, 2018 at 11:00 AM

*Schedule is subject to change in the event that EP Water receives no new requests for intent to Pilot.

SUPPLIER QUALIFICATIONS:

Only SUPPLIERS that have either provided antiscalant to the Kay Bailey Hutchison Desalination Plant (KBHDP) with successful results or have successfully completed pilot testing at Kay Bailey Hutchison Desalination Plant as required to demonstrate their capabilities to supply Antiscalant to the UTILITY shall be considered during this competitive selection.

The SUPPLIER shall have experience providing Antiscalant compounds specifically designed for reverse osmosis drinking water treatment processes.

The SUPPLIER shall have prior experience using NSF-Approved chemicals in a municipal water treatment facility with a treatment capacity greater than 3 MGD of RO permeate production capacity.

PILOT STUDY REQUIREMENTS:

- a. If the SUPPLIER has not yet successfully conducted pilot testing, the SUPPLIER shall be given an opportunity to submit in writing to the UTILITY by March 05, 2018 by 5:00 PM local time (MST) its intent to conduct a pilot test at the expense of the SUPPLIER. If no submittals are received before the deadline, bidding shall be open only to those SUPPLIERS who have met the specifications in the SUPPLIER QUALIFICATIONS section above.
- b. The SUPPLIER shall furnish and install a pilot skid which uses RO membranes as used at the KBHDP and specified in the SUPPLEMENTAL INFORMATION: Process Description section, and SUPPLIER shall run the pilot for a minimum time period of 12 weeks without membrane fouling.
- c. The SUPPLIER shall complete pilot testing and include a full report of pilot results and findings to the UTILITY by August 06, 2018. Report must also include an evaluation of feed water well data.
- d. The SUPPLIER shall demonstrate in their report that use of their antiscalant maintains the following performance parameters:
 - i. An average salt rejection percentage of 95% or higher
 - ii. An average permeate conductivity of 650 uS/cm or lower

- e. The SUPPLIER shall supply at their cost an autopsy of an RO element used in the pilot testing and shall submit an autopsy report to the UTILITY to supplement pilot study report by August 06, 2018.

PRODUCT REQUIREMENTS:

1. The Antiscalant, and/or CIP chemicals where specified, provided under this contract shall meet the following specifications:
2. The Antiscalant shall inhibit:
 - a. The precipitation of sparingly soluble inorganic salts such as, but not limited to, calcium carbonate, calcium sulfate, barium sulfate, strontium sulfate and silica.
 - b. The deposition of colloidal materials such as, but not limited to clays and the hydroxides of metals such as aluminum, iron, and manganese.
3. The Antiscalant shall be fully compatible with feed water constituents such as aluminum, iron, and manganese, and these feed water constituents, if present, exposure to these chemicals will not cause precipitation of the Antiscalant or a catalyzed reaction that damages the membrane.
4. The Antiscalant dose is limited to the range 1-6 mg/L due to equipment limitations. Proposed Antiscalant doses outside this range will not be accepted. No concentrated products shall be used - the UTILITY will not dilute Antiscalant prior to use.
5. The Antiscalant shall fully inhibit any sparingly soluble salts that are indicated by the feed water analyses in Appendix A over the complete temperature ranges indicated when dosed as recommended by the SUPPLIER, and when the RO plants are operated at the recoveries specified in the SUPPLEMENTAL INFORMATION: Process Description section. If the Antiscalant use causes a sparingly-soluble inorganic precipitant that fouls the RO membrane at the recoveries specified in the SUPPLEMENTAL INFORMATION: Process Description section with feed water quality as specified in Appendix A, then the Antiscalant SUPPLIER shall either clean or replace the membrane elements to the satisfaction of the UTILITY, at no additional cost to the UTILITY. System performance will be monitored for indications of precipitation. The occurrence of precipitation will be indicated by a loss in specific flux or increase in normalized differential pressure relative to the balance of the membrane system or as identified by cartridge filter replacement and visually in the feed piping.
6. When the cause of fouling is indistinguishable from biological fouling, autopsy will be used to confirm Antiscalant failure. The proposer is advised to consider operation at the entire temperature range specified, when determining their proposal dose.
7. The Clean-in-Place Chemicals shall be compatible with raw water quality, RO membranes and antiscalant used and as recommended by SUPPLIER. These chemicals shall include:
 - a. A low pH scale cleaner for removal of inorganic scale such as that formed from calcium carbonate (it is projected that a maximum of 2 cleaning will be required per year)
 - b. A high pH scale cleaner for removal of organic fouling (it is projected that a maximum of 2 cleaning will be required per year)
 - c. A cleaner for removal of silica and silicates (it is projected that a maximum of 1 cleaning will be required per year)
8. The CIP chemicals must be compatible with all major manufacturers of Reverse Osmosis and Nanofiltration membranes and must not void the membrane element warranty when used as recommended.
9. The SUPPLIER shall provide Standard Operating Procedures for the CIP chemicals used and if requested by the UTILITY, support staff for a CIP procedure.

10. The Antiscalant solution and CIP chemicals shall retain full inhibition and dispersant properties for a period of one (1) year from the date of delivery to the UTILITY'S facility. The Antiscalant solution shall not support biological growth in the solution during the maximum storage period of one (1) year from the date of delivery.
11. The Antiscalant and CIP chemicals shall be certified compliant with ANSI/NSF Standard 60 for Drinking Water Treatment Chemicals—Health Effects.
12. The Antiscalant and CIP chemicals shall comply with applicable provisions and recommendations of the following, except as otherwise shown or specified.
 - a. American National Standards Institute
 - b. National Sanitation Foundation

CERTIFICATION REQUIREMENTS:

1. The Certificate of Analysis provided for the Product shall affirm compliance with these specifications and include the product name and specific gravity of the Product.
2. An affidavit certifying the Product's compliance with ANSI/NSF Standard 60 for Drinking Water Treatment Chemicals—Health Effects must be submitted with the Proposal and with each shipment. The affidavit shall be from one of the following laboratories accredited by ANSI to test and certify drinking water treatment chemicals in accordance with NSF/ANSI Standard 60:
 -) National Sanitation Foundation (NSF)
 -) Underwriters Laboratory (UL)
 -) Water Quality Association (WQA)

INFORMATION TO BE INCLUDED IN BID PROPOSAL:

1. SUPPLIER shall provide the following in the Bid Proposal:
 - a. Contract Price of Delivered Antiscalant Solution: \$/lb
 - b. Projected Operating pH, standard pH units
 - c. Projected Hydrochloric Acid Dose, lb/day (if required)
 - d. Projected Daily Maximum Consumption at Kay Bailey Hutchison Desalination Plant: lb/day
 - e. Projected Dosing Rate at Kay Bailey Hutchison Desalination Plant: lbs/gallon and mg/L
 - f. Projected 2-Skid Operation Daily Cost: \$/day (24 hour per day basis)
 - g. Projected Maximum Daily Cost: \$/day (24 hour per day basis)
 - h. Contract price of Clean-in-Place (CIP) chemicals: \$/batch cleaning of 1 RO for each cleaner type. (A batch is defined as the total amount of CIP chemical needed whether in dry or liquid form that the SUPPLIER recommends as necessary to clean 1 skid at the KBHDP)
2. Contract Price of Delivered Antiscalant Solution:
 - a. SUPPLIER shall provide a contract price based on the design conditions specified herein.
 - b. Contract price establishes the maximum price that the UTILITY will pay for Antiscalant during the contract period.
 - c. Demonstration testing will confirm that the projected dose is sufficient for full scale operation. If the required dose is greater than the projected dose, the contract price will be reduced using the following equation:
Reduced Contract Price = Bid Proposal Contract Price *(Projected Dose (lb/gal)/Required Dose (lb/gal))
3. Provide the following calculations to support the information summarized in the Bid Proposal:
 - a. Calculations shall use flow values from the SUPPLEMENTAL INFORMATION: Process Description section and Water Quality Data from Appendix A (KBH Water Quality Data) as the basis of the calculations.

- b. Dose Predictions: Provide summary sheets of SUPPLIER'S dose projection program outputs or hand calculations describing how the design dose of hydrochloric acid and Antiscalant was selected.
- c. Projected Daily Consumption: Based on the dose projection software use the following equations to develop projected consumption for each facility:

Maximum Daily Consumption (lb/day) = Dose (lb/gal) * Max Permeate Flow (15 million gallons per day)/Design Recovery (%)

2-Skid operation Daily Consumption (lb/day) = Dose (lb/gal) * 2-skid Permeate Flow (6 million gallons per day)/Design Recovery (%)

- d. Projected Maximum Daily Cost:

- i. Based on the consumption calculations above, provide a summary calculation for the maximum daily consumption using the following equation:
- ii. Maximum Daily Cost (\$/day) = [Contract Price of Delivered Antiscalant (\$/lb)*Maximum Daily Consumption of Kay Bailey Hutchison Desalination Plant (lb/day)] + [Hydrochloric Acid Cost (\$0.45/lb) * Projected Maximum Hydrochloric Acid Consumption (lb/day)]

- e. Projected 2-skid Operation Daily Cost:

- iii. Based on the consumption calculations above, provide a summary calculation for the 2-skid operation daily consumption using the following equation:
- iv. 2-skid Operation Daily Cost (\$/day) = [Contract Price of Delivered Antiscalant (\$/lb)*2-Skid Operation Daily Consumption of Kay Bailey Hutchison Desalination Plant (lb/day)] + [Hydrochloric Acid Cost (\$0.45/lb) * Projected 2-Skid Operation Hydrochloric Acid Consumption (lb/day)]

- 4. SUPPLIER shall submit testing procedures that are followed in determining the concentration of the offered product (i.e. viscosity, total solids, etc.) prior to Demonstration Testing.
- 5. Provide a reference list for a minimum of five (5) facilities using the proposed Antiscalant. At a minimum, one shall be a Texas facility with 3 MGD or greater RO permeate production capacity, include:
 - a. Facility Name
 - b. Location/Facility Address
 - c. Point of Contact
 - d. Average Consumption: mg/L and lb/day

WARRANTIES AND GUARANTEES:

- 1. The Antiscalant shall be fully compatible with the reverse osmosis (RO) membrane elements listed in the SUPPLEMENTAL INFORMATION: Process Description section. When the Antiscalant is used in accordance with the SUPPLIER'S recommendations it shall not cause permanent deterioration of membrane performance. Under no circumstances shall use of the supplied product in accordance with SUPPLIER'S recommendations cause SUPPLIER'S warranty provisions to be voided. If such an event occurs, the UTILITY shall be responsible for identifying the loss in RO membrane performance and providing testing as required for identification of the cause of the deterioration.

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- a. The UTILITY shall provide the SUPPLIER with operational data and test results that support their claims.
 - b. At that time, the SUPPLIER shall identify which membrane elements have been affected. UTILITY shall perform identification work with SUPPLIER to confirm SUPPLIER's recommendations.
 - c. Should use of the Antiscalant in accordance with the SUPPLIER'S recommendations result in deterioration of the membrane element's performance, the SUPPLIER shall clean or replace all affected membrane elements in a timely manner at no cost to the UTILITY. Performance shall be restored to at least the original performance of the system at the start of Demonstration Testing.
 1. Normalized salt rejection, normalized differential pressure and specific flux shall be used for both baseline and current operating conditions.
 - ii. For normalized salt rejection, a permanent loss of 1% over a 6 month period will be grounds for replacement if the loss in salt rejection can be attributed to damage from scale or incompatibility with the Antiscalant.
 - iii. For normalized differential pressure, irreversible feed channel fouling shall be said to have occurred if more than 3 psig of irreversible fouling occurs within a 6 month period that can be attributed to scale formation or incompatibility with the Antiscalant.
 - iv. For specific flux, irreversible fouling shall be said to occur if the clean membrane specific flux is less than 85% of the original clean membrane condition for more than 3 consecutive clean in place cycles.
 - d. In this instance, the SUPPLIER will have 7 days to prepare a plan of action, if the plan of action requires CIP, the UTILITY will provide CIP equipment and operational support during cleaning operations and SUPPLIER shall provide cleaning chemicals, operational support and a detailed cleaning procedure for use during CIP.
 - e. If warranty membrane replacement is required, the UTILITY must be able to operate the RO system in a fouled state while the SUPPLIER replaces the membrane elements. The SUPPLIER must replace all elements that cannot be restored to an undamaged condition as identified by the operating conditions within 21 days after the previous CIP. Replacement membranes shall be provided in a new condition from the original membrane manufacturer.
 - f. Membrane replacement may not exceed a period of two (2) months or the UTILITY shall seek damages that may include increased operational support, electricity and lost revenue.
2. The Antiscalant shall be fully compatible with hydrochloric acid addition. When used, hydrochloric acid is injected into the same static mixer as the Antiscalant at the Kay Bailey Hutchison Desalination Plant. Visible precipitation in and around the location of Antiscalant injection, as well as precipitant identified during cartridge filter replacement, shall be considered indicators of a possible precipitation issue. The UTILITY shall provide operational data to support any claim that the membrane performance has been impacted by Antiscalant performance. Should precipitation occur as a result of chemical incompatibility with the hydrochloric acid feed location, the SUPPLIER shall clean or replace **all** affected membrane elements in a timely manner at no cost to the UTILITY. Conditions in WARRANTIES AND GUARANTEES, Parts 1.D, 1.E and 1.F shall apply.
 3. Should the Antiscalant result in deterioration of the membrane elements or fail to prevent precipitation of sparingly soluble salts from constituents identified in Appendix A herein, the UTILITY reserves the right to terminate the supply contract and may, at their discretion, seek other remedies as specified herein.
 - a. Deterioration and failure to prevent salt precipitation shall be identified by either visual identification of Antiscalant precipitation upstream of the RO system or through the use of normalized operating data including normalized permeate flow, normalized differential pressure

and normalized salt rejection. When needed, scaling shall be verified through independent autopsy of the membranes.

- b. Irreversible deterioration shall have been said to occur if the fouling or loss in performance cannot be corrected through cleaning methods recommended by the SUPPLIER.

DEMONSTRATION TESTING:

1. Prior to execution of the supply contract, the proposed Antiscalant(s) of the low bidder must successfully complete a jar test and 30 day demonstration test at the design recovery and flow at Kay Bailey Hutchison Desalination Plant. The SUPPLIER will provide product for this test at no cost to the UTILITY.
2. Jar Test
 - a. The SUPPLIER shall provide jar testing equipment and a sample of the proposed product for a jar test that will be conducted at the Kay Bailey Hutchison Desalination Plant. The SUPPLIER shall provide operational support during the jar test and laboratory analysis of the collected samples.
 - b. During Jar Testing, the SUPPLIER will test six samples:
 - o Jar 1 – Water sampled downstream of the sand strainers, with Antiscalant at the projected dose.
 - o Jar 2 – Water sampled downstream of the sand strainers, with Antiscalant at the projected dose plus 0.2 ppm.
 - o Jar 3 – Water sampled downstream of the sand strainers, with Antiscalant at the projected dose plus 0.4 ppm.
 - o Jar 4 – Water sampled downstream of the sand strainers, with Antiscalant at the projected dose minus 0.2 ppm.
 - o Jar 5 – Water sampled downstream of the sand strainers, with Antiscalant at the projected dose minus 0.4 ppm.
 - o Jar 6 - Water sampled downstream of the sand strainers without Antiscalant.
 - c. Prior to chemical addition, a raw water sample common to all jars shall be collected and analyzed for TDS and TSS.
 - d. After chemical addition, jar test samples shall be collected at 5 minutes, 1 hour, 6 hours, 12 hours, and 24 hours for each jar. Samples shall be collected from the middle of the jar using an integral sample port or syringe.
 - e. Samples shall be analyzed in two ways:
 1. Unfiltered samples shall be tested for temperature, conductivity, TDS and TSS.
 2. Filtered samples:
 - Filter using 0.45 micron filter paper at the time of sample collection.
 - Test for temperature, conductivity, and TDS.
 - After filtering, collect the filter paper, record the sample information including date, time and sample number. Store filter papers individually in sealed zip lock bags.
 - f. After testing, a jar test report will be provided to the UTILITY by SUPPLIER documenting the results of the jar test within one week of jar test completion. Original filter papers will be given to the UTILITY with the jar test report.
 - g. If jar testing shows that precipitant is being formed at TSS concentrations greater than 1 mg/L during testing at the design pH and projected Antiscalant dosing conditions, the SUPPLIER may provide a proposal for another product and proposals will be reevaluated.
 - h. If precipitation is not occurring at a concentration greater than 1 mg/L, the SUPPLIER shall perform a 30 Day Trail Test as described herein.

3. 30 Day Demonstration Test
 - a. This test will occur on the full scale system using chemical doses recommended by SUPPLIER. During testing, one train will be operated continuously with other trains being operated as needed to meet demand. The continuous test will serve as the baseline for product evaluation. System performance will be monitored for indications of precipitation and an autopsy of the cartridge filters and feed piping shall be made by the UTILITY at the end of the test to confirm any positive indications. If unsuccessful, the SUPPLIER may, at no additional cost to the UTILITY, repeat the demonstration testing using adjusted dosing conditions. Failure to successfully inhibit precipitation or deposition of the Antiscalant during the second 30-day demonstration test, as discussed above, will terminate the test and the next lowest proposer's product will begin its 30-day demonstration. Additionally, the SUPPLIER shall either clean or replace the membrane elements at no cost to the UTILITY.
 - b. This test may be repeated at high and low temperature conditions at the UTILITY option.
 - c. This demonstration test will be conducted at the design operating conditions to identify any issues associated with normal system operation.
 - d. The SUPPLIER shall provide the UTILITY with the name, address, and telephone number of the point of contact to request shipment of Antiscalant prior to the Demonstration test.
4. Dose and Proposal Price Adjustment: the UTILITY will allow the SUPPLIER to use a dose greater than the projected dose if required to achieve stable operation. However, the SUPPLIER price shall be reduced so that the operating cost incurred by the UTILITY does not change. The calculation basis for price reduction is summarized in INFORMATION TO BE INCLUDED IN PROPOSAL, Part 2.C.

SUPPLEMENTAL INFORMATION:

1. Process Descriptions
 - a. The Kay Bailey Hutchison Desalination Plant can produce a total of approximately 15 MGD of RO permeate from a brackish groundwater source. Groundwater is supplied from 16 wells. Recent blended well water quality data, prior to RO pretreatment is provided in Appendix A. Prior to Antiscalant addition, the groundwater is strained using a sand strainer. If used, hydrochloric acid and Antiscalant are dosed at the head of a static mixer upstream of 5 micron cartridge filters. The hydrochloric acid can be dosed to maintain pH to help control calcium carbonate scale formation potential. Finally, filtered and pretreated water pressure is boosted by centrifugal pumps and fed to the RO system, which operates at 82.5% recovery. RO permeate is combined with a side stream and then sodium hydroxide and sodium hypochlorite are added to disinfect and stabilize the product stream. Sodium hydroxide is injected to maintain product water pH to achieve stabilization.
 - b. Kay Bailey Hutchison Desalination Plant uses Hydranautics ESPA-1 in each of the 5 RO trains. The membranes have been in service for approximately 10 years and may be replaced by a similar product during the term of this Contract.
2. Well Water Quality Data
 - a. See Appendix A for Kay Bailey Hutchison Desalination Plant water quality data.

SUBJECT: Antiscalant and Clean in Place Chemicals

BID NUMBER: 05-18

TO BE OPENED: 11:00 A.M. MST, August 13, 2018

Page 13 of 26

Brand Name/Product Name: _____

Manufacturer(s) (must include specific name(s)): _____

Notification Time Required for Delivery of Order: _____

Location of Primary Distribution Facility: _____

Distance (in miles) of Primary Distribution Facility from EPWU facilities: _____ **miles**

Contract Price of Delivered Antiscalant Solution: \$/lb: _____

Projected operating pH, standard pH units: _____

Projected Hydrochloric Acid Dose, lb/day (if required): _____

Projected 2-Skid Operation Daily Antiscalant Consumption at Kay Bailey Hutchison Desalination Plant, lb/day: _____

Projected Daily Maximum Antiscalant Consumption at Kay Bailey Hutchison Desalination Plant, lb/day: _____

Projected Dosing Rate at Kay Bailey Hutchison Desalination Plant: _____ lb/gallon _____ mg/L

Projected 2-Day Operation Daily Cost, \$/day (24 hour per day basis): _____

Projected Maximum Daily Cost, \$/day (24 hour per day basis): _____

Contract price (delivered) of 1 batch cleaning with low pH scale cleaner for removal of inorganic scale such as that formed from calcium carbonate: \$/Batch _____

Contract price (delivered) of 1 batch cleaning with high pH scale cleaner for removal of organic fouling: \$/Batch _____

Contract price delivered of 1 batch cleaning with cleaner for removal of silica and silicates: \$/Batch _____

PRICE ESCALATION:

A Price Escalation may be considered under the following conditions:

- a. Prices must be firm for at least the first 12 month period from award of the Master Contract.
- b. A request for a price increase must be accompanied by a Certified Letter from the contractor's supplier or other forms of evidence as deemed necessary by El Paso Water Utilities which includes the price increase to the contract. The price increase shall be effective within 14 calendar days from El Paso Water Utilities acceptance.
- c. El Paso Water Utilities reserves the right to cancel the contract resulting from this Bid Proposal and rebidding our requirements if the price escalation requested is above the current open market price. Cancellation of the contract will not affect any outstanding orders.
- d. All price increases accepted shall be effective for a 12 month period from the revised date of the Master Contract.

PRICE DE-ESCALATION:

If the Contractor receives a price decrease from the supplier, the Contractor is responsible to notify El Paso Water Utilities within two working days of the price decrease and pass the price decrease on to the Utility. The price decrease will be effective upon receipt of the price reduction from the Contractor.

DISCOUNT:

Unless a discount is provided as an inducement for prompt payment, El Paso Water Utilities is not obligated to make payment on invoice(s) for this contract until 30 days after receipt of the invoice or 30 days after acceptance of the **Antiscalant and Clean in Place Chemicals**, whichever is later. Any discount will be used in the evaluation of the bid submittal to determine the lowest responsive bid.

Discount: _____

Payment Terms: _____

Payment may be delayed in accordance with exceptions under the Texas Prompt Payment Act (Chapter 2251 of the Texas Government Code). Interest on all overdue payments shall be imposed in accordance with the provisions of the Texas Prompt Payment Act.

El Paso Water Utilities is exempt from State and City Sales Tax

Bidder must answer the following questions:

1. Does the bidder that is making and submitting the bid qualify as a "**Resident Bidder**" or a "**NonResident Bidder**" under Texas Law? If the bidder is a "**Resident Bidder**", please complete and return the **Statement of Residency Form** with your bid.

Answer: _____

2. If the bidder is a "**NonResident Bidder**" does the state, in which the nonresident bidder's principal place of business is located, have a law requiring a nonresident bidder of that state to bid a certain amount or percentage under the bid of a resident bidder of that state in order for the nonresident bidder of that state to be awarded the contract on their bid in such state?

Answer: _____

3. If the answer to Question Number 2 is "Yes", by what amount or percentage must a Texas resident bidder bid under the bid of a resident bidder of that state in order to be awarded a contract on such bid in said state?

Answer: _____

A "**NonResident Bidder**" will not be awarded this Bid unless the nonresident's bid is lower than the lowest bid submitted by a responsible **Texas Resident Bidder** by the same amount that a **Texas Resident Bidder** would be required to underbid the nonresident bidder to obtain a comparable contract in the state where the nonresident's principal place of business is located. The definitions for the terms "**Bidder**", "**Texas Resident Bidder**" and "**NonResident Bidder**" are included in the "**Instructions to Bidders**" on the last two pages of this bid proposal.

[SECTION LEFT INTENTIONALLY BLANK]

STATEMENT OF RESIDENCY

The following information is required by El Paso Water Utilities in order to comply with the provisions of Texas Government Code §§ 2252.001 *et. seq.* Failure to provide the required information may constitute a basis for rejection of your bid. Bidders' cooperation in this regard will avoid costly time delays in the award of bids by El Paso Water Utilities. Failure to provide all required information may result in the apparent low bidder being considered non-responsive and non-responsible, and the second low bidder being considered for award.

Definitions

Resident Bidder: a person whose principal place of business is in the State of Texas, including a contractor whose ultimate parent company or majority owner has its principal place of business in the State of Texas.

Nonresident Bidder: a person who is not a resident.

Principal Place of Business in Texas: a permanent business office located in Texas from which a bid is submitted and from which business activities are primarily conducted for the organization other than submitting bids to governmental agencies, where at least one employee works for the business entity.

Bidder's Complete Company Name: _____

State the address of your principal place of business in the space provided below:

State the nature of the business conducted at your principal place of business in the space provided below:

State the number of employees you have at your principal place of business: _____

I swear and attest that the information provided above is true and correct as of the date _____ ("Bidder") submitted its bid on Bid No. _____. I further attest that I am an authorized representative of Bidder or have been duly authorized to represent Bidder in this matter. I understand that the information provided is being relied on by El Paso Water Utilities in order for it to comply with state purchasing laws and will materially affect its decisions in this regard. Should the information provided be false or materially misleading, any contract entered into between El Paso Water Utilities and Bidder will be void and El Paso Water Utilities may pursue any legal claims it may have against Bidder.

[SIGNATURE ON NEXT PAGE]

By: _____
Contractor Name
Name: _____
Owner
Title: _____
Company: _____

ACKNOWLEDGMENT

STATE OF _____ §

COUNTY OF _____ §

This instrument was acknowledged before me on the _____ day of _____, 20____, by _____, as _____ of _____, a _____.

Notary Public, State of _____

My Commission Expires:

TYPE AND TERM OF CONTRACT:

This is a **Good(s) and/or Service(s) Contract**, under which El Paso Water Utilities shall order all of its requirements for the good(s) and/or service(s) described within this bid proposal from the lowest, responsible, responsive bidder, hereinafter referred to as Contractor, for the duration of the contract.

Note: Good(s) and/or Service(s) will be ordered on “**as-required**” basis.

The **Contract** to provide **Antiscalant and Clean in Place Chemicals** shall be from **AWARD OF BID** by the Public Service Board for a term of one year. Upon mutual agreement, the contract may be extended under the same terms and conditions for two additional one year extensions.

Bidders are advised that only bids with a firm, fixed price, F.O.B., El Paso Texas for the above listed time period will be considered. **Bids not complying with this provision may be disqualified.**

When the successful supplier cannot furnish the required **Antiscalant and Clean in Place Chemicals** within the delivery time specified above, the Utility reserves the right to **Antiscalant and Clean in Place Chemicals** from any available source and bill the successful supplier for any additional cost over the bid amount.

This bid is to award a contract to the most responsive, responsible bidder for an initial one year period. If upon mutual consent between both parties the contract may be extended for an additional year for a maximum of up to two years total. In the event El Paso Water Utilities has not obtained another goods and/or services contractor by the expiration date of the existing contract term, the Contractor shall nonetheless continue for a period not to exceed six (6) months on a month-to-month basis after the end of its term, unless El Paso Water Utilities has notified the Contractor that El Paso Water Utilities has obtained another contractor.

INTERLOCAL PURCHASING AGREEMENTS: (applicable to competitively procured goods/services contracts).

- a. The Utility has entered into Interlocal Purchasing Agreements with other governmental entities, pursuant to the Interlocal Cooperation Act, Chapter 791 of the Texas Government Code. The Contractor agrees to offer the same prices and terms and conditions to other eligible governmental agencies that have an interlocal agreement with the Utility.
- b. The Utility does not accept any responsibility or liability for the purchases by other governmental agencies through an interlocal cooperative agreement.

INVOICES AND PAYMENTS:

- a. The Contractor shall submit invoices, in single copy, for each contract. Invoices covering more than one contract will not be accepted.
- b. If transportation costs are allowed in the bid a separate line item will be included in the proposal.
- c. Invoices shall reflect the Contract Number and/or the Purchase Order Number.
- d. Do not include Federal tax, State tax, or City Tax. El Paso Water Utilities shall furnish tax exemption certificate upon request.
- e. Discounts will be taken from the date of receipt of services or date of invoice, whichever is later.
- f. El Paso Waters Utilities' obligation is payable only and solely from funds available for the purpose of this contract for good(s) and/or service(s). Lack of funds shall render this contract null and void to the extent funds are not available and any delivered but unpaid for good(s) and/or service(s) will be returned to the Contractor by El Paso Water Utilities.
- g. Mail invoices to:

El Paso Water Utilities Accounting Department

**P.O. Box 511
El Paso, Texas 79961-0511**

- h. Contractor shall advise the Purchasing Department of any changes in its remittance addresses.
- i. All proper invoices received by El Paso Water Utilities will be paid within 30 days of El Paso Waters Utilities' receipt date of the invoice.
- j. If partial shipments or deliveries are authorized by El Paso Water Utilities, the Contractor shall be paid for the partial shipment or delivery as stated above.
- k. El Paso Water Utilities may withhold or off set the entire payment or part of any payment otherwise due to a Contractor, if good(s) or service(s) is/are defective or non-conforming.

INDEMNIFICATION:

Contractor or its insurer will INDEMNIFY, DEFEND AND HOLD El Paso Water Utilities, its officers, agents and employees, HARMLESS FOR AND AGAINST ANY AND ALL CLAIMS, CAUSES OF ACTION, LIABILITY, DAMAGES OR EXPENSE, (INCLUDING BUT NOT LIMITED TO ATTORNEY FEES AND COSTS) FOR ANY DAMAGE TO OR LOSS OF ANY PROPERTY, OR ANY ILLNESS, INJURY, PHYSICAL OR MENTAL IMPAIRMENT, LOSS OF SERVICES, OR DEATH TO ANY PERSON ARISING OUT OF OR RELATED TO THIS AGREEMENT. Without modifying the conditions of preserving, asserting or enforcing any legal liability against El Paso Water Utilities as required by law, El Paso Water Utilities will promptly forward to Contractor every demand, notice, summons or other process received by El Paso Water Utilities in any claim or legal proceedings contemplated herein. Contractor will 1) investigate or cause the investigation of accidents or occurrences involving such injuries or damages; 2) negotiate or cause the to be negotiated the claim as the Contractor may deem expedient; and 3) defend or cause to be defended on behalf of El Paso Water Utilities all suits for damages even if groundless, false or fraudulent, brought because of such injuries or damages. Contractor will pay all judgments finally establishing liability of El Paso Water Utilities in actions defended by Contractor pursuant to this section along with all attorneys' fees and costs incurred by El Paso Water Utilities including interest accruing to the date of payment by Contractor, and premiums on any appeal bonds. El Paso Water Utilities, at its election will have the right to participate in any such negotiations or legal proceedings to the extent of this interest. El Paso Water Utilities will not be responsible for any loss or damage to the Contractor's property from any cause.

GRATUITIES:

El Paso Water Utilities may, by written notice to the Contractor, cancel this contract without liability to Contractor if it is determined by El Paso Water Utilities that gratuities, in the form of entertainment, gifts, or otherwise, were offered or given by the Contractor, or any agent or representative of the Contractor, to any officer or employee of El Paso Water Utilities with a view toward securing a contract or securing favorable treatment with respect to the awarding or amending, or the making or any determinations with respect to the performing of such a contract. In the event this contract is canceled by El Paso Water Utilities pursuant to this provision, El Paso Water Utilities shall be entitled, in addition to any other rights and remedies, to recover or withhold the amount of the cost incurred by the Contractor in providing such gratuities.

TERMINATION:

I. TERMINATION FOR CONVENIENCE

El Paso Water Utilities may terminate this contract, in whole or in part, at any time by written notice to the Contractor. The Contractor will be paid its costs, including the contract close out costs, and profit on work performed up to the time of termination. The Contractor will promptly submit its termination claim to El Paso Water Utilities to be paid the Contractor. If the Contractor has any property in its possession belonging to El Paso Water Utilities, the Contractor will account for the same, and dispose of it in the manner El Paso Water Utilities directs.

II. TERMINATION FOR DEFAULT

If the Contractor fails to comply with any provision of the contract, El Paso Water Utilities may terminate this contract for default. Termination shall be effected by serving a notice of intent to terminate the contract, with a copy to Surety, if applicable, setting forth the manner in which the Contractor is in default. The contractor will be given an opportunity to correct the problem within a reasonable amount of time as specified by El Paso Water Utilities before termination notice is rendered. El Paso Water Utilities shall have the right to immediately terminate the Contract for default if Contractor violates any local, state, or federal laws, rules or regulations that relate to the performance of this Contract.

If El Paso Water Utilities terminates this Contract because the Contractor failed to perform the services as required by the Contract, El Paso Water Utilities shall have the right to obtain like services from another vendor in substitution for those due from the Contractor. The cost of substitute services shall be determined by informal or formal procurement procedures as required by the Local Government Code. El Paso Water Utilities may recover the difference between the cost of the substitute services and the Contract price from the Contractor as damages. El Paso Water Utilities may deduct the damages from Contractor's account for services rendered prior to the termination or services rendered by Contractor pursuant to a different contract or pursue any other lawful means of recovery. The failure of El Paso Water Utilities to obtain substitute services and charge the Contractor under this clause is not a bar to any other remedy available for default.

FORCE MAJEURE:

If, by reason of Force Majeure, either party hereto will be rendered unable wholly or in part to carry out its obligations under this Contract then such party will give notice and full particulars of such Force Majeure in writing to the other party within a reasonable time after occurrence of the event or cause relied upon, and the obligation of the party giving such notice, so far as it is affected by such Force Majeure, will be suspended for only thirty (30) days during the continuance of the inability then claimed, except as hereinafter provided, but for no longer period, and such party will try to remove or overcome such inability with all reasonable dispatch.

The term Force Majeure as employed herein, will mean acts of God, strikes, lockouts, or other industrial disturbances, acts of public enemies, orders of any kind of government of the United States or the State of Texas or any civil or military authority, insurrections, riots, epidemics, landslides, lightning, earthquake, fires, hurricanes, storms, floods, washouts, droughts, arrests, restraint of government and people, civil disturbances, explosions, breakage or accidents to machinery, pipelines, or canals. It is understood and agreed that the settlement of strikes and lockouts will be entirely within the discretion of the party having the difficulty, and that the above requirement that any Force Majeure will be remedied with all reasonable dispatch will not require the settlement of strikes and lockouts by acceding to the demands of the opposing party or parties when such settlement is unfavorable in the judgment of the party having the difficulty. If a party is unable to comply with the provisions of this contract by reason of Force Majeure for a period beyond thirty days after the event or cause relied upon, then upon written notice after the thirty (30) days, the affected party shall be excused from further performance under this contract.

AVAILABILITY OF FUNDS:

The awarding of this contract is dependent upon the availability of funds. In the event that funds do not become available, the contract may be terminated or the scope may be amended. A 30-day written notice will be given to the vendor and there shall be no penalty nor removal charges incurred by El Paso Water Utilities.

VENUE:

Both parties agree that venue for any litigation arising from this contract shall lie in El Paso, El Paso County, Texas.

CONTRACT ADMINISTRATION:

Administration of this Contract, on behalf of El Paso Water Utilities, is the responsibility of Levi Chacon, Purchasing Agent, Purchasing and Contract Administration, who is your point of contact for general information or specific matters concerning this contract. Levi Chacon can be reached by telephone at (915) 594-5625, or by FAX at (915) 594-5689. Correspondence should be addressed to: El Paso Water Utilities, Purchasing and Contract Administration, Attn: Levi Chacon, 1154 Hawkins Blvd. El Paso, TX 79925. Please refer to Bid Number or Contract Number in all correspondence.

INSURANCE:

For the duration of this contract and any extension hereof, Contractor shall purchase and maintain such insurance as is appropriate for the Work being performed and as will provide protection from claims which may arise out of or result from Contractor's performance of the Work and Contractor's other obligations under the Contract Documents, whether it is to be performed by Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable: Workers' compensation, Automobile Liability insurance and Commercial General Liability insurance: (a) Covering contractor and its employees and (b) For the protection of the general public and El Paso Water Utilities for bodily or wrongful death and property damage in the limits indicated in the following table. Insurance shall be procured from insurers or indemnity companies acceptable to Owner. Insurance or Indemnity Company furnishing insurance for the Contract shall be authorized to do business in Texas.

INSURANCE REQUIREMENTS				
LIMITS OF COVERAGE FOR ALL GOODS AND SERVICES	AUTOMOBILE {Combined Single Limit} Per Accident	COMMERCIAL GENERAL LIABILITY {Combined Single Limit} <u>Per Project</u>	WORKERS' COMPENSATION {Employers' Liability} Per Accident Per Employee Per Disease	UMBRELLA {Combined Single Limit}
CONTRACT PRICE LESS THAN \$100,000: Occurrence General Aggregate Products/Completed Operations Aggregate	\$300,000	\$ 500,000 \$ 500,000 \$1,000,000	\$ 500,000 \$ 500,000 \$ 500,000	Not applicable
CONTRACT PRICE EQUAL TO \$100,000 OR GREATER AND LESS THAN \$500,000: Occurrence General Aggregate Products/Completed Operations Aggregate	\$500,000	\$ 500,000 \$1,000,000 \$1,000,000	\$ 500,000 \$ 500,000 \$ 500,000	Not applicable
CONTRACT PRICE EQUAL TO OR GREATER THAN \$500,000 AND UP TO AND INCLUDING \$10,000,000: Occurrence General Aggregate Products/Completed	\$1,000,000	\$1,000,000 \$2,000,000 \$2,000,000	\$1,000,000 \$1,000,000 \$1,000,000	\$2,000,000 \$2,000,000

Operations Aggregate				
CONTRACT PRICE GREATER THAN \$10,000,000:				
Occurrence	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
General Aggregate		\$2,000,000	\$1,000,000	\$5,000,000
Products/Completed		\$2,000,000	\$1,000,000	
Operations Aggregate				

With respect to the above required insurance, El Paso Water Utilities and its officers and employees shall be named as additional insureds as their interests may appear. El Paso Water Utilities shall be provided with 30 days advance notice, in writing, of any cancellation or material change. El Paso Water Utilities shall be provided with certificates of insurance evidencing the above required insurance prior to the commencement of this contract and thereafter with certificates evidencing renewal or replacement of said policies of insurance at least 15 days prior to the expiration or cancellation of any such policies.

NOTE: The insurer waives any right of subrogation it may acquire against the Owner, its partners, agent and employees.

Notices and Certificates required by this contract clause shall be provided to:

El Paso Water Utilities
Purchasing and Contract Administration Department
Attn: Levi Chacon, Purchasing Agent
1154 Hawkins Blvd.
El Paso, Texas 79925

Failure to submit insurance certification may result in contract cancellation.

Please refer to Bid Number/Contract Number and Title in all correspondence.

CONE OF SILENCE

The "Cone of Silence" is imposed upon each RFP, RFQ or Bid from the time of advertising until it is posted on the Public Service Board Agenda for award. The Cone of Silence prohibits communications with El Paso Water Utilities employees to attempt to influence the purchasing decision. As such, the Cone of Silence prohibits any communication regarding RFP's, RFQ's or Bids between, among others:

-) Potential vendors, service providers, bidders, or consultants and El Paso Water Utilities employees.
-) Potential vendors, service providers, bidders, or consultants, any member of the Board, the President/CEO, or their respective staff and members of the respective selection committee.

The provisions do not apply to, among other communications:

-) Oral communications with Sr. Purchasing Agent, Purchasing Agent, Contracts Developer Coordinator, or Procurement Analyst, provided the communications is limited strictly to matters

- of process or procedure already contained the solicitation document;
-) The provisions of the Cone of Silence do not apply to oral communications at pre-proposal or pre-bid conferences, oral presentations before selection committees, contract negotiations during duly notice public meeting, public presentations made to the President/CEO and Board members during a duly noticed public meeting; or
 -) Communications in writing at any time unless specifically prohibited by the applicable, RFP, RFQ or bid document.

In addition to any other penalties provided by law, violation of the Cone of Silence by any proposer or bidder shall render that proposer's or bidder's RFP, RFQ or bid award voidable. Any person having personal knowledge of a violation of these provisions shall report such violations to El Paso Water Utilities General Counsel and the Purchasing Agent.

The "Cone of Silence" applies to any and all potential subcontractors as well.

RESERVATION OF RIGHTS

- a. If only one or no Bid response is received by "submission date", EPWU has the right to reject, re-propose, accept, and/or extend the Bid by up to an additional two (2) weeks from original submission date.
- b. The right to reject any/or all Bids and to make award as they may appear to be advantageous to EPWU.
- c. The right to hold Bid for ninety (90) days from submission date without action, and to waive all formalities in Bid.
- d. The right to extend the total Bid beyond the original ninety (90) day period prior to an award if agreed upon in writing by both parties and if the Bid holds firm.
- e. The right to eliminate all or any part of the unfinished portion of the work resulting from this solicitation within thirty (30) days written notice upon default by the firm for delay, non- performance by the firm, or if it is deemed in the best interest of the EPWU for convenience.
- f. EPWU reserves the right to reject any and all qualifications statements and to accept the Bid it considers in its best interest based upon the requirements and descriptions outlined in this Bid.

This bid will be awarded by the Public Service Board at their regularly scheduled meeting.

[SECTION LEFT INTENTIONALLY BLANK]

Appendix A – KBHDP Feed Water Quality Data¹

Parameters, mg/L	EPWU Quarterly Sample	EPWU Quarterly Sample	Design WQ for Dose Selection
Sample Date	8/2016	12/2016	
Chloride, mg/L	1170	1060	1170
Sulfate, mg/L	237	212	237
Fluoride, mg/L	-	<2	0.6
Nitrate, mg/L	-	<2	0.1
Alk, Carbonic Acid mg/L	4.7	4.5	4.7
Alk, Bicarbonate mg/L	103.7	97.5	103.7
Alk, Carbonate, mg/L	0.2	0.2	0.2
Alk, Total, mg/L as CaCO3	89	83.7	89
Conductivity	4200	3820	4200
pH	7.7	7.7	7.7
Orthophosphate mg/L	0.1	<0.1	0.1
TDS, mg/L	2700	2090	2700
Turproposality	0.3	0.1	0.3
Ca, mg/L	121	105	135
Fe, mg/L	0.029	0.026	0.029
Mg, mg/L	33.8	28.9	35
K, mg/L	16.5	15.6	19
SiO2, mg/L	28.8	22.9	32
Na, mg/L	687	615	687
As, ug/L	8.4	8.6	8.6
Mn, mg/L	0.044	0.038	0.044
Ba, mg/L	-	0.069	0.11
Sr, mg/L	-	-	2

1. Values listed are representative of typical historical water quality. Actual water quality may vary slightly depending on source well operation and blend. Values to be confirmed by selected supplier at the beginning of jar testing.
2. Well water quality for all feed wells will be provided for evaluation to those SUPPLIERS that have expressed to the UTILITY in writing their intent to run a pilot study as part of the requirements of this RFP.

Appendix A Cont. – REFERENCES

Reference #1:

Facility Name: _____

Location / Facility Address: _____

Point of Contact: _____

Average Consumption: _____ mg/L _____ lb/day

Reference #2:

Facility Name: _____

Location / Facility Address: _____

Point of Contact: _____

Average Consumption: _____ mg/L _____ lb/day

Reference #3:

Facility Name: _____

Location / Facility Address: _____

Point of Contact: _____

Average Consumption: _____ mg/L _____ lb/day

Reference #4:

Facility Name: _____

Location / Facility Address: _____

Point of Contact: _____

Average Consumption: _____ mg/L _____ lb/day

Reference #5:

Facility Name: _____

Location / Facility Address: _____

Point of Contact: _____

Average Consumption: _____ mg/L _____ lb/day

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

FORM CIQ

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor 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 vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

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

OFFICE USE ONLY

Date Received

1 Name of vendor 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 on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 Name of local government officer about whom the information is being disclosed.

Name of Officer

4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes No

5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

6 Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

7

Signature of vendor doing business with the governmental entity

Date

CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

Local Government Code § 176.001(1-a): "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

Local Government Code § 176.003(a)(2)(A) and (B):

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

- (i) a contract between the local governmental entity and vendor has been executed;
- or
- (ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

Local Government Code § 176.006(a) and (a-1)

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

- (1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);
- (2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or
- (3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

- (A) begins discussions or negotiations to enter into a contract with the local governmental entity; or
- (B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

- (A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);
- (B) that the vendor has given one or more gifts described by Subsection (a); or
- (C) of a family relationship with a local government officer.

Instructions - Form 1295

Effective January 1, 2016, a governmental entity may not enter into a contract requiring board approval, unless the business entity submits a Disclosure of Interested Parties (Form 1295) at the time the business entity submits the signed contract.

The following definitions apply:

1. "Interested Party" means a person:
 - a. Who has a controlling interest in a business entity with whom a governmental entity contracts: or
 - b. Who actively participates in facilitating the contract or negotiating the terms of the contract, including a broker, intermediary, adviser, or attorney for the business entity.
2. "Intermediary" means "a person who actively participates in the facilitation of the contract or negotiating the contract, including a broker, adviser, attorney, or representative of or agent for the business entity who:
 - a. Receives compensation from the business entity for the person's participation;
 - b. Communicates directly with the governmental entity or state agency on behalf of the business entity regarding the contract; and
 - c. Is not an employee of the business entity
3. "Business Entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership, or corporation. "Business entity" includes a for-profit or nonprofit entity. He term does not include a governmental entity or state agency.
4. "Contract" includes an amended, extended, or renewed contract.
5. "Controlling Interest" means:
 - a. An ownership interest or participating interest in a business entity by virtue of units, percentage, shares, stock, or otherwise that exceeds 10 percent;
 - b. Membership on the board of directors or other governing body of a business entity of which the board or other governing body is composed of not more than 10 members; or
 - c. Service as an officer of a business entity that has four or fewer officers, or service as one of the four officers most highly compensated by a business entity that has more than four officers."

A business entity must file Form 1295 electronically with the Texas Ethics Commission using the Commission's online filing application, which can be found at:

https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm

The business entity must **print a copy** of the completed form, which will include a certification of filing containing a unique certification number. The Form 1295 must be **signed by an authorized agent** of the business entity, and **the form must be notarized**. The **business entity must then submit the completed, signed, notarized Form 1295 to the contracting school district**.

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

OFFICE USE ONLY

Complete Nos. 1 - 4 and 6 if there are interested parties.
 Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the goods or services to be provided under the contract.

4 Name of Interested Party	City, State, Country (place of business)	Nature of Interest (check applicable)	
		Controlling	Intermediary

5 Check only if there is NO Interested Party.

6 AFFIDAVIT I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.

 Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said _____, this the _____ day of _____, 20 _____, to certify which, witness my hand and seal of office.

 Signature of officer administering oath Printed name of officer administering oath Title of officer administering oath

ADD ADDITIONAL PAGES AS NECESSARY



INSTRUCTIONS TO BIDDERS

1. Bidders **MUST** use the form and format included in this bid document and provides all required information. The Bid Proposal shall be mailed to the Purchasing and Contracts Administration Department, El Paso Water Utility, El Paso, Texas 79961 or delivered to the Purchasing and Contracts Administration Department, El Paso Water Building, first floor, 1154 Hawkins Boulevard, El Paso, Texas 79925 prior to the date and time specified in this bid document. Bids received after the date and time shall be returned unopened to the Bidder.
2. The unit price of each item must be given in the column headed 'Unit Price' and must be for the particular unit of measurement specified in the column headed 'Unit'. In addition, the price per unit shall be multiplied by the total number of units and the total shown in the column for 'Total Cost'. If there is a discrepancy between the unit price and the total cost, the **unit price shall prevail**.
3. When a bid is requested for a particular item by brand name or other form of identification and the words '**or approved equal**' are used, Bidders may bid on items manufactured by other companies, provided the substituted article(s) is clearly described in terms of trade name, grade, capacity, etc. Sufficient information **MUST BE INCLUDED WITH THE BID SUBMITTAL** to permit El Paso Water to evaluate the item(s) for compliance with bid specifications. **BIDDERS WHO FAIL TO INCLUDE THIS INFORMATION WITH THE BID SUBMITTAL MAY BE DISQUALIFIED.**
4. Additional information not requested in the bid specifications, but felt to be pertinent by the Bidder, may be included as annotations or attachments to the Bid Proposal.
5. When a date is set for merchandise to be received or for work to be performed, the merchandise **MUST BE DELIVERED OR THE WORK PERFORMED** on or before the specified date; if not, the Purchase Order or Master Contract to the delinquent party may be canceled. If the Purchase Order or Master Contract is canceled, El Paso Water Utility shall have the right to buy the merchandise or have the unfinished work completed by another bidder. Any excess in cost for the same item(s) or service over the price specified in the Bid Proposal that was accepted by the Public Service Board will be deducted from any money deposited with this bid or subsequently due. El Paso Water Utility reserves the right to delete the company from the Bidders List for up to twelve months.
6. All bids **MUST BE F.O.B. DESTINATION**. All reductions or refunds on freight charges will be for the account of El Paso Water Utility.
7. The Bid Submittal shall remain subject to acceptance for (90) Ninety days after the bid opening.
8. Bidders are invited to be present at the opening of bids.
9. Unless otherwise specified in the Bid Proposal, award of the bid shall be made by individual item to the lowest responsible bidder meeting specifications for the goods and/or services described in the Bid Proposal. A Bidder may qualify their bid by indicating that is based on 'All or None' for either all or part of the items.
10. The Public Service Board is not bound by the issuance of this Bid Proposal to award a contract. Any resulting order will be awarded to the lowest and best qualified responsible bidder whose bid, conforming to the Bid Proposal, is most advantageous to El Paso Water Utility. If deemed to be in the best interest of El Paso Water Utility, the Public Service Board reserves the right to reject any or all bids, award a contract for the items, either in whole or part and/or waive any irregularities. However, the contract may not be awarded to a nonresident bidder unless the nonresident's bid is lower than the lowest bid submitted by a responsible Texas resident bidder by the same amount that a Texas resident bidder would be required to underbid a nonresident bidder to obtain a comparable contract in the state in which the nonresident's principal place of business is located. If the funding of the contract involves federal funds, then the contract will be awarded to the lowest and best qualified responsible Texas resident or nonresident bidder whose bid, conforming to the Bid Proposal, is most advantageous to El Paso Water Utility.

DEFINITIONS:

BIDDER - means a person, partnership or corporation making a proposal for the performance of the work covered by the contract documents and may be a '**Texas Resident Bidder**' or a '**Nonresident Bidder**'.

TEXAS RESIDENT BIDDER - means a bidder whose principal place of business is in this state and includes a contractor whose ultimate parent company or majority owner has its principal place of business in the state of Texas.

NONRESIDENT BIDDER - means a bidder whose principal place of business is not in this state but excludes a contractor whose ultimate parent company or majority owner has its principal place of business in the state of Texas.

11. A Bidder may withdraw their bid at any time prior to the date and time of bid opening, provided written authorization is presented to the Purchasing Agent by an officer of the firm that submitted the bid.
12. Any additional information about this bid and/or complaints, questions or comments about the bid of another vendor must **be submitted to the Purchasing Agent within 24 hours** after the bids are opened for the information or complaint to be

considered.

INSTRUCTIONS TO BIDDERS CONTINUED

13. Reference bid proposal for insurance requirements.
14. Each bid MUST be accompanied by Bid Security made payable to El Paso Water Utility in an amount of five (5) percent of the Bidder's total bid and in the form of a certified or cashier's check or a Bid Bond. The Bid bond (and performance and Payment bond when required) shall be in the form prescribed by applicable laws and regulations including, but not limited to, Chapter 2253 of the Texas Government Code and Section 7.19-1 of the Texas Insurance Code. **The bond shall be executed by a Surety authorized and admitted to do business in the State of Texas and licensed by the State of Texas to issue surety bonds.** This Bid Security is provided as a guarantee that the Bidder, if awarded a contract, will execute the contract (Purchase Order of Master Contract) to provide the material, supplies, equipment and/or services. **FAILURE OF THE BIDDER TO INCLUDE BID SECURITY WITH THE BID SUBMITTAL SHALL CONSTITUTE A NONRESPONSIVE BID AND RESULT IN DISQUALIFICATION OF THE BID SUBMITTAL.** THE BID SECURITY SHALL BE FORFEITED AND EL PASO WATER UTILITY SHALL THEN HAVE THE RIGHT TO MAKE THE AWARD TO THE NEXT LOWEST RESPONSIBLE, RESPONSIVE BIDDER OR ASK FOR NEW BIDS. The Bid Security of all bidders will be retained by El Paso Water Utility until award of the contract to the successful Bidder by the Public Service Board. After award of the contract, the Bid Security of the successful Bidder will be retained by El Paso Water Utility until receipt of the Performance Bond and/or Payment Bond (if required). Upon receipt of the Performance Bond and/or Payment Bond, the Bid Security will be returned. The Bid Security of the next two low bidders will be retained until execution of the successful Bidder's contract and will then be returned. The Bid Security of all remaining Bidders will be returned after award of the Bid by the Board.
15. The successful Bidder will be required to obtain a Performance Bond and Payment bond (when required) for one hundred percent (100%) of the bid as security for the faithful performance and payment of all of the Bidder's obligations. All bonds shall be in the form prescribed by all applicable laws and regulations including, but not limited to, Chapter 2253 of the Texas Government Code and Section 7.91-1 of the Texas Insurance Code. **The bonds shall be executed by a Surety which is authorized and admitted to do business in the State of Texas and licensed by the State of Texas to issue surety bonds.** All bonds signed by an agent must be accompanied by a certified copy of the agent's authority to act. **IF THE SUCCESSFUL BIDDER FAILS TO FURNISH THESE BONDS WITHIN FIFTEEN (15) DAYS AFTER RECEIPT OF WRITTEN NOTIFICATION OF THE BID AWARD, THEIR BID SECURITY SHALL BE FORFEITED.** El Paso Water Utility shall then have the right to make the award of a contract to the next lowest responsible, responsive bidder or to ask for new bids.
16. To the fullest extent permitted by laws and regulations, Bidders shall indemnify and hold harmless El Paso Water Utility, The Public Service Board, its officers, agents and employees from and against all claims, damages, losses and expenses; direct, indirect or consequential (including, but not limited to fees and charges of engineers, architects, attorneys and other professionals and court costs) arising out of or resulting from the performance of its obligations under this contract and the contract documents.
17. The Bid Proposal MUST be signed by an authorized agent of the bidding company. Failure to sign the Bid Proposal or signing it with a false statement shall void the submitted bid or any resulting contract (Purchase Order or Master Contract) and the bidder may, at the option of the Public Service Board, be removed from the bid list.
18. By signing the Bid Proposal, the Bidder affirms that he has not given or offered to give nor intends to give, at any time hereafter, any economic opportunity, future employment, gift, loan, gratuity, special discount, favor or services to an employee or official of El Paso Water in connection with the submitted bid.
19. These INSTRUCTIONS TO BIDDERS, the Bid Proposal and all other contract documents shall constitute a binding and enforceable contract with El Paso Water. Upon award of the bid by the Public Service Board, the Bidder hereby agrees that the signature of its duly authorized agent on the first page of the Bid Proposal shall bind the Bidder to all terms and obligations of the INSTRUCTIONS TO BIDDERS, Bid Proposal and other contract documents.
20. This bid specifically prohibits communications in writing addressed in the final bullet of the cone of silence.