

ADVERTISEMENT  
FOR BID

Sealed bids will be received by the El Paso Water Utilities until **2:00P.M.**, local time, **July 7, 2017**, Bid Number **41-17** for **SECONDARY MEMBRANE TREATMENT OF REVERSE OSMOSIS CONCENTRATE AT WELLS 404, 408, 414** in accordance with plans and specifications. Bids will then be opened and read aloud in the third floor conference room, El Paso Water Utilities Building, 1154 Hawkins Boulevard, El Paso, Texas 79925.

The work under this contract shall be for furnishing all labor, materials, transportation and services for the construction and installation of the following work:

This project consists of the installation, start-up and testing of three (3) Concentrate Enhance Recovery Reverse Osmosis Systems (CERRO) at Well Nos. 404, 408 and 414. The CERRO Treatment System units are intended to treat the waste concentrate from the existing concentrate of the RO unit at each Well 404, 408, and 414 and then discharge it to an existing blended waterline just upstream of a product storage tank where it will then be pumped to the distribution system. The CERRO Treatment System process is a multistage, single pass system designed to recover up to 75% of the existing reverse osmosis (RO) membrane concentrate for potable water use. The CERRO operation is optimized to process very high total dissolved solids (TDS) feed water from a brackish reverse osmosis concentrate using standard reverse osmosis membranes and components. The CERRO Treatment System unit will use a combination of filtration, chemical stabilization (sulfuric acid (pH Adjustment) and antiscalant), reverse osmosis treatment, post treatment pH adjustment (sodium hydroxide) and blending and produce up to 280 gallons per minute (gpm) of treated water that will meet drinking water standards.

The work under this contract shall be for furnishing all labor, materials, transportation, testing, start-up and training for the construction and installation of the system to include:

1. Mobilization and Demobilization
2. Construction surveying of well sites.
3. Placing foundations and floor slabs for CERRO Treatment Units and Concentrate Tanks.
4. Furnish and Install Pre-engineered Metal Building for each CERRO Treatment System Unit.
5. Furnish & Install CERRO Treatment Units and supporting equipment in each CERRO building at each well site.
6. Furnish and install HVAC, electrical and instrumentation equipment for the CERRO Treatment Units including all conduit and wiring to all electrical equipment at each well site.
7. Furnishing and installation of new blended water piping, valves, and tie-in for each well site to the existing well transmission main within the well site.
8. Furnishing and installation of drains and piping to tie to an existing waste line to discharge the CERRO concentrate into the sewer system.
9. Furnishing and installing of CIP system for each CERRO Treatment System Unit.
10. All associated above and below ground piping, valves, fittings, valves, and appurtenances.
11. CERRO System Startup
12. CERRO System Testing
13. CERRO System Training
14. CERRO System O&M Manuals
15. Furnish and install rock walls and Wrought Iron Gates at all well sites.
16. Testing, start-up and disinfection of all associated piping and equipment.
17. Maintaining As-built drawings
18. Construction Progress Photos.
19. Security
20. Dust control
21. Protection of existing utilities and services.
22. Pressure testing the water lines in accordance to TCEQ, Rules and Regulations for Public Water Systems.
23. Performance and Verification Testing of each CERRO System, including water quality testing.
24. Traffic Control, where applicable
25. Trench Safety

**PRE-BID MEETING** will be held at **10:00 A.M.**, local time, **JUNE 15, 2017**, in the third floor conference room, El Paso Water Utilities Building, 1154 Hawkins Boulevard, El Paso, Texas. The purpose of the PRE-BID MEETING is to review the plans and specifications and respond to questions from bidders.

Qualified Local, Minority and Women Enterprises are encouraged to participate in this project and will be contacted by the bidder by certified mail wherever possible. Certified receipts shall be provided as part of the bid unless the goal has been reached as evidenced by draft subcontracts included with the bid or other evidence the goal has been attained. The Utility's minimum goals for this project are: 15% for Small Locally-Owned Businesses, 5% for Minority-Owned Businesses, and 2% for Women-Owned Businesses.

Each Bid shall be submitted in accordance with the Instructions to Bidders and be accompanied by a Bid Security in the amount of five percent of the bid amount.

Contract Documents, including plans, specifications and proposal forms may be examined without charge in the office of the Purchasing Department, 1154 Hawkins Boulevard, El Paso, Texas 79925 (FED-X address) or may be obtained from the same address **upon receipt** of a non-refundable payment of **\$75** for each hard copy of Contract Documents and/or a non-refundable payment of **\$7.50** for a CD version of the Documents. Purchasing Department, 1154 Hawkins Boulevard, El Paso, Texas 79925 should be used for requesting plans through the U.S. Mail. The bid will be awarded by the Public Service Board at their regularly scheduled meeting. For additional information, contact the Purchasing Department at the above address or call (915) 594-5628.

For additional information, please visit our webpage at: [epwu.org/bids](http://epwu.org/bids)

**LEGAL NOTICE**  
TO BE PUBLISHED IN  
THE EL PASO TIMES

**JUNE 06, 2017**  
**JUNE 13, 2017**