Upcoming Request for Qualifications (RFQ)
Medio Creek Water Recycling Center Open House

An Open House will be held on **October 5, 2023, from 1:00 PM to 3:00 PM** to visit the process areas at the Medio Creek Water Recycling Center that will be subject to the upcoming RFQ for **Medio Creek WRC Rehabilitation Phase 1.**

Please note that, upon issuance of the RFQ, a pre-submittal meeting will also be held along with a site visit, which will provide firms with another opportunity to ask questions and visit the plant.

This upcoming RFQ will include the following scope items:

1. Influent Lift Station
   a. Evaluate the existing influent lift station with respect to condition and operation. Develop alternatives to provide operational reliability and flexibility in splitting and pumping the flows to Plant No. 1 and Plant No. 2. Provide the necessary improvements based on the conclusions of the evaluation.
   b. Provide repairs to the concrete structure, as necessary.
   c. Demolish the existing biofiler.
   d. Replace part of the fencing that is corroded.
2. Headworks
   a. Install actuators on the existing stainless steel gates at the Plant No. 1 headworks.
   b. Evaluate the condition of the existing grit removal equipment at Plant No. 1 headworks and replace them as necessary.
   c. Provide repairs of the concrete structure of the Plant No. 1 headworks.
   d. Demolish the existing biofiler.
3. Secondary Treatment Area
   a. Replace the existing gates at the flow split channel upstream of the Plant No. 1 oxidation ditches and install actuators.
   b. Evaluate the condition and operation of the existing mechanical aerators in the Plant No. 1 oxidation ditches. Provide options to optimize the operation to save energy, and provide the necessary improvements based on the conclusions of the evaluation.
   c. Provide permanent repairs to the center expansion joints in the Plant No. 1 oxidation ditches.
   d. Evaluate the short-circuiting of weir flows associated with the Plant No. 1 Final Clarifier Nos. 3, 4, and 5, and provide the necessary improvements based on the conclusions of the evaluation.
   e. Replace the final clarifier mechanisms at Plant No. 1 with stainless steel components.
   f. Replace the existing pumps and controls at the Return Activate Sludge (RAS) Pump Station No. 1 at Plant No. 1.
   g. Evaluate the capacity of the sludge transfer pumps at the Sludge Transfer Pump Station, and provide the necessary improvements based on the conclusions of the evaluation.
4. Filtration
   a. Evaluate the hydraulics around the Plant No. 1 final clarifiers, filters, and UV system area to prevent a portion of the final clarifier effluent from flowing into the UV system, bypassing the filters. Provide the necessary improvements based on the conclusions of the evaluation.

5. UV Disinfection
    a. Replace the gates and actuators at Plant No. 1 and Plant No. 2 UV system.

6. Electrical, and Instrumentation and Controls
    a. Replace the existing Emerson DCS system for Plant No. 2 with a Rockwell PlantPAX based SCADA system, including replacement of controllers with PLCs in the field.
    b. Install a Rockwell PlantPax based SCADA system and associated field PLCs for Plant No. 1.
    c. Replace the existing generator at Plant No. 1 with a standby generator system that can run all of Plant No. 1.
    d. Replace air conditioning units in the electrical buildings at Plant No. 1 and Plant No. 2.
    e. Evaluate the load-shed circuitry and provide a system that enables continued operation of the plant.
    f. All other associated electrical and instrumentation and controls work with the project.

Estimated Construction Cost: $33,000,000

Attachment A: Open House Procedures

Procedures to follow if you plan to attend the Open House:

- The duration of the Open House is expected to be two (2) hours.
- Q&A will be allowed during the open house; photos and notes are also allowable.
- Arrive at the Medio Creek Water Recycling Center plant gate located at **2229 Hunt Lane San Antonio, TX 78227** 20 minutes prior to the start time.
- All attendees shall be escorted to the plant by SAWS personnel.
- Attendees are required to wear safety eyewear and steel-toed boots.