NOTICE TO ALL BIDDERS:

This addendum shall be considered part of the Contract Documents and is issued to change, amplify, or delete from or otherwise explain the documents where provisions of this addendum differ from those of the original contract documents. This addendum shall have precedence over the original contract documents and shall govern.

Bidders are hereby notified that they shall incorporate this addendum in their bid, and it shall be construed that the Contractor's Bid shall reflect with full knowledge, all items, changes, and modifications to the contract documents herein specified.

Bidders are advised to check for updates, addenda issuance, and bid opening date changes at the TPWD Infrastructure Division Website:

http://www.tpwd.state.tx.us/business/bidops/current_bid_opportunities/construction/

Bid Due Date has **CHANGED** to the following:

**June 15, 2021, 2:00 pm (CT)**

**REPLACE** Section 01 14 00 – Work Restrictions of the Technical Specifications with the attached **Revised Section 01 14 00 – Work Restrictions** (Originally referenced in Addendum One, but not included) (4 pages)

Bidders shall acknowledge receipt of this addendum in the space provided on the Contractor's Bid Schedule form located above the signature block. **WARNING:** BIDDER'S FAILURE TO ACKNOWLEDGE RECEIPT OF ADDENDA MAY RESULT IN REJECTION OF BID.

END OF ADDENDUM NUMBER Two (2)

Sincerely,

Will Andres, CTPM, CTCM
Contract Manager
Infrastructure Division
SECTION 01 14 00 – WORK RESTRICTIONS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes description and requirements of:

1. General constraints for sequencing and scheduling the Work.
2. Interruption of Treatment Processes.
3. Compliance with National/Texas Pollutant Discharge Elimination System Permit.
4. Work affected by existing site and facility.
5. Work restrictions and coordination between construction operations and plant operations, including:
   a. Access to site.
   b. Use of site and premises.
   c. Utilities.
   d. Work by Others.
   e. Work Sequence.
   f. Temporary Services, Materials and Equipment.

B. Related sections:

1. Section 01 11 00 - Summary of Work.
2. Section 01 26 00 - Contract Modification Procedures.
3. Section 01 50 00 - Temporary Facilities and Controls.

1.2 GENERAL CONSTRAINTS ON SEQUENCE AND SCHEDULING OF WORK

A. Work Hours

1. Standard work hour shall be Monday through Friday, 8 AM to 5 PM.
2. Any deviations from standard working days or hours shall be coordinated and approved by Owner in advance.
3. Contractor shall adhere to all Park observed holiday closures.

B. Work Sequence and Constraints:

1. Utilize description of critical events in work sequence in this Section as a guideline for scheduling and undertaking the Work.

2. Work sequence and constraints presented do not include all items affecting completion of the Work, but are intended to describe critical events necessary to minimize disruption of the existing facilities.
3. Work required within areas of public access shall utilize safety fencing and appropriate coordination with Owner on schedule to reroute visitor traffic to the extent possible.

1.3 INTERRUPTION OF FACILITY PROCESSES

A. Execute the Work while the existing facility is in operation.

B. Indicate required shutdowns of existing facilities or interruptions of existing operations on Progress Schedule. Shutdowns will be permitted to the extent that existing operation will not be jeopardized and identified constraints are satisfied.

C. The engineer and the facility personnel will evaluate the request based on the ability to reliably meet demands.

D. Do not begin alterations until engineer's written permission has been received.

E. Minimize shutdown times by thorough advanced planning. Have required equipment, materials, and labor on hand at time of shutdown.

F. Where required to minimize process interruptions while complying with specified sequencing constraints, provide temporary pumping, power, lighting, controls, instrumentation, and safety devices.

1.4 REQUIREMENTS FOR OPERATION OF SYSTEM AND MAINTAINING CONTINUOUS OPERATION OF EXISTING FACILITIES

A. Facilities or conditions required to keep the distribution system operational include, but are not limited to, the following:

1. Electrical power
2. All existing pumps.
3. Disinfection Facility
4. Lighting.
5. Instrumentation, meters, controls, and telemetry equipment.
6. Safety equipment and features.

B. Conduct the Work and provide temporary facilities required to keep the existing tank and distribution piping in operation during construction.

1.5 OPERATIONS AND MAINTENANCE ACCESS

A. Provide safe, continuous access to process control equipment for pump station operations personnel.

1.6 SHUTDOWN CONSTRAINTS

A. Comply with Shutdown Constraints as follows:

1. The water distribution for the Enchanted Rock State Natural Area delivers potable water to visitors and operational and maintenance facilities at the State Park. Any required
shutdown of the supply of water to the system shall be coordinated with the Owner and Engineer in writing before a required shutdown. Each shutdown shall require a shutdown plan including detailed schedule, backup tools and equipment as necessary, contingency plan and any procedures involved in restarting the system.

2. The Contractor shall limit shutdowns as much as possible.

3. Provide 7 days advance notice to Engineer and Owner of need for a shutdown of less than 8 hours. Shutdown must be agreed upon by Owner prior to initiating.

4. Provide 30 days advance notice to Engineer and Owner of need for a shutdown of greater than 8 hours.

5. Shutdowns less than 8 hours will be allowed, but will be limited to low demand periods as agreed upon by Owner.

6. Any shutdowns shall require a shutdown plan, including detailed schedule, backup tools and equipment, personnel involved, contingency plan, and any procedures involved in restarting the process or facility. Owner's approval of the Shutdown Plan is required prior to any shutdowns.

1.7 UTILITIES

A. Water Availability

1. Water may be obtained on site from a 2" connection along the maintenance road with permission of the Owner.

2. Water use may not exceed 1,000 gallons per day. Any water needed in excess of 1,000 gallons per day that must be hauled in shall be potable water hauled by a TCEQ licensed water hauler.

3. Water up to the 1,000 gallon per day from the on-site system will be at the Owner's cost, when usage is pre-agreed upon.

4. Water for well rehabilitation will not be provided except for what the well being rehabilitated can produce. The contractor shall provide any excess water for well operations.

B. Provide advance notice to and utilize services of 811 for location and marking of underground utilities operated by utility agencies other than the Owner. Contact information: Call 811 for marking of utilities.

C. Maintain electrical, telephone, water, gas, sanitary facilities, and other utilities within existing facilities in service. Provide temporary utilities when necessary.

1.8 TREE TRIMMING

1. ESRNA is a protected area and any removal of or changes to existing trees is prohibited without prior consent from the Owner.

2. Where trimming of trees is required in order to perform the work, obtain Owner’s permission and perform tree pruning in accordance with TPWD Region 3 Tree Pruning BMPs.

3. Pruning must be witnessed by Owner’s staff.
1.9 WORK BY OTHERS

A. Where proper execution of the Work depends upon work by others, inspect and promptly report discrepancies and defects.

1.10 WORK SEQUENCE

A. The project schedule assumes that all project efforts will be delivered in a concurrent, logical fashion. The following sequences does not detail the integration of all work included in the Contract. The Contractor is responsible to perform all required work and coordinate that work with the continuing appropriate operation of the existing facilities. This possible sequence is included for informational purposes only.

1. The anticipated sequence of events at the Enchanted Rock State Natural Area is as follows:
   a. Site preparation
   b. Yard piping construction and tie-ins. Tie-ins to existing line shall be planned to require the shortest shut-down times possible and shall be coordinated with Owner and Engineer.
   c. Booster pump station construction and electrical improvements
   d. Pressure testing of existing park water system
   e. Complete site work, and final clean-up.

1.11 TEMPORARY SERVICES, MATERIALS, AND EQUIPMENT

A. Locate temporary facilities in a manner that minimizes interference to Owner's operation and maintenance personnel.

B. Unless otherwise specified, install temporary pipelines of the same size as its connection to the existing facility at the downstream end of the pipeline.

C. Provide piping of suitable material for the material being conveyed.

D. Provide submittals on proposed temporary electrical and instrumentation components necessary to maintain existing facilities.

E. Dewater and promptly clean basins and channels temporarily removed from service.

F. Dimensions for all existing structures, piping, paving, and other nonstructural items are approximate. The Contractor shall field verify all dimensions and conditions and report any discrepancies to the Engineer a minimum of 14 days in advance of any construction in the area.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION