

Chlorination System and Control Replacement Project

ADDENDUM NO. 1

May 10, 2017

This ADDENDUM is hereby made part of the Contract Documents and specifications to the same extent as if originally included therein, and shall be signed by the Bidder and included with the proposal.

Revision No. 1: Please see attached Engineer’s Estimate of Probable Construction Cost.

ENGINEER’S ESTIMATE OF PROBABLE CONSTRUCTION COST

ITEM NO.	Description of Work	Unit	Est. Quan.	Unit Cost	Subtotal
1	Mobilization/ Demobilization, Temporary Facilities, Construction Sign, Insurance, Performance & Payment Bond, Taxes, Permits, Preparation and processing of Submittal Documents, Preparation and processing of Operation and Maintenance Manuals, Fees and Similar Expenses	LS	1	\$ 32,228.00	\$ 32,228.00
2	Demolition of Existing Chlorine Gas Injection System, chlorination injection pipelines, plugging 1-inch service openings with brass plugs and other demolition items in strict conformance with the contract documents.	LS	1	\$ 1,000.00	\$ 1,000.00
3	Installation of the Sodium Hypochlorite Disinfection System Facility, which includes the double containment sodium hypochlorite storage tank with tank restraint system, two (2) 2 pump preassembled chemical dosing skids, sodium hypochlorite Class 2 Base and PCC foundation and all pertinent chlorine injection sample point and pipe connection fittings and all PVC pipelines and chemical tubing pipelines, including supplying 500 gallons of 12% sodium hypochlorite in strict conformance with the contract documents.	LS	1	\$ 58,400.00	\$ 58,400.00
4	Installation of two (2) Chlorine Analyzers for the continuous monitoring of the treatment facilities effluent water, and all pertinent piping, connections and fittings for the chlorine residual sampling points. Include installing piping through masonry wall. Also included are mounting requirements for the Chlorine Analyzers.	EAC H	2	\$ 4,000.00	\$ 8,000.00

5	Install a through-wall air conditioning unit with thermostat controller for the Control and Monitoring Building in strict conformance with the contract documents.	EAC H	1	\$ 1,000.00	\$ 1,000.00
6	Installation of a Turbidimeter and Controller for the continuous monitoring of the treatment facilities effluent water, all pertinent piping and chemical tubing, connections and fittings for the turbidity sampling point and all mounting and securement items. Also includes installing piping through masonry wall. Complete work in strict conformance with the contract documents.	EAC H	1	\$ 6,200.00	\$ 6,200.00
7	Installation of the Emergency Shower and Eyewash Station, including all pertinent piping, fittings, signs and securement requirements in strict conformance with the contract documents.	LS	1	\$ 1,250.00	\$ 1,250.00
8	Installation of a 17 feet x 20 feet x 10 feet tall canopy shade structure for the disinfection facility area, including erection of shade structure, steel support posts, shade material and structural footings in strict conformance with the contract documents. Include structural calculations for shade structure.	LS	1	\$ 20,000.00	\$ 20,000.00
9	Installation of a new light assembly, including installation of light pole, light fixtures, photocell, light anchor plate and hardware, P.C.C. pedestal, electrical circuitry, electrical grounding requirements and all incidental items in strict conformance with the contract documents.	LS	1	\$ 3,500.00	\$ 3,500.00
10	Remove existing 8-inch manual gate valve per Keynote 20 on Plan Sheet 4. Install two (2) 8-inch ductile iron blind flanges and fittings. Complete work in strict compliance with the contract documents.	LS	1	\$ 600.00	\$ 600.00
11	Install 4-inch PCC sidewalk over 6-inches of Class 2 Base per Keynote 23 on Plan Sheet 4 in strict conformance with the contract documents.	LS	1	\$ 400.00	\$ 400.00
12	Chlorination and Disinfection of Potable Water Pipelines complete in its entirety in strict conformance with the contract documents.	LS	1	\$ 500.00	\$ 500.00
13	Electrical and Control Circuitry installation, including upgrades to Panel "B" in strict conformance with the contract documents.	LS	1	\$ 18,000.00	\$ 18,000.00
14	Installation of 3-inch diameter PVC drain pipeline for Turbidimeter and Chlorine Analyzers to marsh area.	LS	1	\$ 500.00	\$ 500.00

15	Installation of new control panel in the Control and Monitoring Building complete in its entirety in strict conformance with the contract documents.	LS	1	\$ 45,000.00	\$ 45,000.00
16	Installation of Remote Terminal Unit and Antenna at the Control and Monitoring Building in strict conformance with the contract documents.	LS	1	\$ 4,000.00	\$ 4,000.00
17	Geotechnical Testing	LS	1	\$ 4,500.00	\$ 4,500.00
18	Programming and Integration of Control Panel, Remote Terminal Unit and Monitoring and Control System, including start-up costs, and start-up training costs complete in its entirety in strict conformance with the contract documents.	LS	1	\$ 17,000.00	\$ 17,000.00
Project Construction Cost Estimate:					\$222,078.00

**ADDENDUM NO. 1
ACCEPTANCE OF NOTICE**

Please acknowledge receipt of this Addendum No. 1 consisting of **3 pages**, by signing and returning a copy of this Acceptance of Notice by fax to (442) 265-1118. Each bidder must acknowledge receipt of this addendum in the noted space below and on the signature page of the Bid Form. Include a copy of this addendum with your Bid Proposal Package. It is the Contractor's responsibility to notify its sub-contractors about changes based all addendums.



By: _____
David Dale, PE PLS
Construction Manager

Date May 10, 2017

ACCEPTANCE OF NOTICE

Receipt of the ADDENDUM No. 1 is hereby acknowledged by

Company Name

Date

By: _____
Print Name & Title

Signature