

ADDENDUM NO. 2

**CITY OF TOMBSTONE WATER INFRASTRUCTURE
IMPROVEMENT PROJECT
March 24, 2017**



EXPIRES: 6/30/2017

GENERAL

Items No. 1 through No. 4 of this addendum shall be considered part of the contract documents and shall be distributed to all prospective bidders. Costs associated with all items shall be incorporated into the Contractor's bid per plans and specifications complete.

ITEM NO. 1 – WELL SITE #1 – CONCEPTUAL PIPE LAYOUT

A conceptual pipe layout has been provided for Well No. 1 on the attached **Figure 1**. A 4-inch resilient wedge gate valve and a 1-inch combination air valve have been added to the pipe manifold. The Engineer will coordinate with the Contractor regarding the proposed connection to the existing piping.

Bid Item No. 1 under the heading Well Site #1 has been revised to read "Furnish and install 4-inch new magnetic flow meter, new 4-inch resilient wedge gate, and 1-inch combination air valve including all associated piping, fittings, and appurtenances per plans and specifications complete." A revised Bid Schedule (Pages 4-8, dated March 24, 2017) is attached hereto and made as a condition to this Bid.

ITEM NO. 2 – BOOSTER STATION – NEW PUMP SELECTION

Booster Station pump selection has been revised to a Grundfos Hydro MPC E BoosterpaQ with two CR 32-6 pumps. The revised selection has 25 hp motors. The revised pump selection has 4-inch pipe connection instead of the 6-inch connections shown on the plans. The Contractor will be required to provide reducers to connect to the booster station piping.

ITEM NO. 3 – WATER TREATMENT SITE – BID ITEM NOS. 6 AND 8

Bid Item No. 6 under the heading Water Treatment Site of the Bid Schedule has been revised to only include the in-tank lining inspection.

Bid Item No. 8 under the heading Water Treatment Site of the Bid Schedule has been added. This bid item is an allowance for the tank repairs identified during the in-tank lining inspection (Bid Item No. 6).

A revised Bid Schedule (Pages 4-8, dated March 24, 2017) is attached hereto and made as a condition to this Bid.

ITEM NO. 4 – WELL SITE #2 – BLADDER TANK MODEL NUMBER

The Booster Station is to be furnished with one 132 gallon 250 psi ASME bladder tank. All bidders are instructed to select an AMTROL WX-407C rated to 250 psi.

Acknowledge receipt by signing below and including a copy of this Addendum with your Bid. If you have any questions, please contact echristenson@westlandresources.com.

RECEIPT: _____

Company: _____
Signature: _____

**BID SCHEDULE
CITY OF TOMBSTONE
WATER INFRASTRUCTURE IMPROVEMENTS**

WestLand Project No. 1918.06 (Revised March 24, 2017)

Item No.	Item Description	Units of Measure	Estimated Quantity	Unit Price	Total
SURFACE WATER RESERVOIR SITE					
1.	Provide all equipment, labor and materials to remove and legally dispose of the entire roof per plans and specifications complete.	LS	1	\$ _____	\$ _____
2.	Provide all equipment, labor and materials necessary to remove and legally dispose of existing liner per plans and specifications complete.	LS	1	\$ _____	\$ _____
3.	Furnish and install new roof per plans and specifications complete (8,050 sq. ft.).	LS	1	\$ _____	\$ _____
4.	Furnish and install new 60 mil. Liner and geotechnical membrane per plans and specifications complete.	SF	16,400	\$ _____	\$ _____
5.	Furnish and install 8-inch HDPE SDR 9 bypass line with all bends, fittings, connections, pressure relief valve, and appurtenances per plans and specifications complete.	Lf	345	\$ _____	\$ _____
6.	Furnish and install 8-x 8-inch tapping sleeve and valve with all appurtenances per plans and specifications complete.	EA	1	\$ _____	\$ _____
7.	Furnish and install 8-inch gate valve per plans and specifications complete.	EA	2	\$ _____	\$ _____
8.	Provide all equipment, labor and materials to regrade dirt access road per plans and specifications complete.	LS	1	\$ _____	\$ _____
9.	Furnish and install new 8-inch steel pipe, including coatings, fittings, tee, and all appurtenances per plans and specifications complete.	LS	1	\$ _____	\$ _____
10.	Furnish and install new 4-inch pressure relief valve and related appurtenances including all necessary fittings to attach to existing pipe per plans and specifications complete.	LS	1	\$ _____	\$ _____

Item No.	Item Description	Units of Measure	Estimated Quantity	Unit Price	Total
11.	Furnish and install new solar panel, level sensor, radio and associated electrical and control per plans and specifications complete.	LS	1	\$_____	\$_____
12.	Furnish and install new 1-inch combination air release/air vacuum valve on Surface Water reservoir HDPE bypass line.	EA	1	\$_____	\$_____
WATER TREATMENT SITE					
1.	Furnish and install new 3-inch magnetic flow meters including removal of existing meters, associated piping, connections, and all appurtenances per plans and specifications complete.	EA	2	\$_____	\$_____
2.	Furnish and install new electrical and control including reservoir level transducer, power to existing motor actuated valve, and new equipment per plans and specifications complete.	LS	1	\$_____	\$_____
3.	Furnish and install new sampling station and all appurtenances per plans and specifications complete.	LS	1	\$_____	\$_____
4.	Furnish and install new turbidity analyzer including connections to existing piping including all appurtenances per plans and specifications complete.	LS	1	\$_____	\$_____
5.	Furnish and install new chlorine residual analyzer including connections to existing piping including all appurtenances per plans and specifications complete.	LS	1	\$_____	\$_____
6.	Furnish in-tank lining inspection by a certified Diver, qualified to perform inspections, and provide written report of repairs needed to the tank lining associated with the previous 4-inch tank inlet.	LS	1	\$_____	\$_____
7.	Furnish all material, equipment and labor to perform Tanks repairs as recommended by Certified Diver and determined by City and Engineer.	ALL	1	\$10,000	\$10,000

Item No.	Item Description	Units of Measure	Estimated Quantity	Unit Price	Total
8.	Furnish and install new sampling tap and all appurtenances in the Water Treatment Building. Exact location to be determined in the field.	EA	1	\$_____	\$_____
WELL SITE #1					
1.	Furnish and install 4-inch new magnetic flow meter, new 4-inch resilient wedge gate valve, and 1-inch combination air release valve including all associated piping, fittings, and appurtenances per plans and specifications complete.	EA	1	\$_____	\$_____
2.	Furnish and install new electrical and control per plans and specifications complete.	LS	1	\$_____	\$_____
3.	Furnish and install central SCADA system for main office per plans and specifications complete.	LS	1	\$_____	\$_____
4.	Furnish operation of SCADA training for operators.	Hrly	20	\$_____	\$_____
WELL SITE #2					
1.	Furnish and install prepackaged booster station and pre-pressurized bladder tank per plans and specifications complete.	EA	1	\$_____	\$_____
2.	Furnish and install onsite piping including all fittings, bends, valves, check valves, connections, and all appurtenances per plans and specifications complete.	LS	1	\$_____	\$_____
3.	Furnish and install concrete pad for pump station including pipe supports and associated shade structure.	LS	1	\$_____	\$_____
4.	Furnish all labor and equipment to remove and legally dispose of existing booster pump, motor, shed, and appurtenances per plans and specifications complete.	LS	1	\$_____	\$_____
5.	Furnish all labor and equipment to remove existing well pump and equipment per plans and specifications complete.	LS	1	\$_____	\$_____
6.	Furnish all labor and equipment to provide video log of existing well casing and provide a conditions assessment per plans and specifications complete.	LS	1	\$_____	\$_____

Item No.	Item Description	Units of Measure	Estimated Quantity	Unit Price	Total
7.	Furnish and install pump test equipment to provide a 24-hour step test for existing well per plans and specifications complete.	LS	1	\$_____	\$_____
8.	Allowance to furnish and install new well pump, motor, and all appurtenances.	ALL	1	\$75,000	\$75,000
9	Furnish and install new 6-inch magnetic flow meter including all associated piping, fittings, and appurtenances per plans and specifications complete.	LS	1	\$_____	\$_____
10.	Furnish and install new electrical and control per plans and specifications complete.	LS	1	\$_____	\$_____
11.	Provide all equipment, labor and materials to drain, clean and disinfect the existing reservoir per plans and specifications complete,	LS	1	\$_____	\$_____
GENERAL					
1.	Furnish Stormwater Prevention Plan per Contract Documents.	LS	1	\$_____	\$_____
2.	Performance and Payment Bonds per Contract Documents.	LS	1	\$_____	\$_____
	Bid Total				\$_____

The total amount of the Bid shall be the summation of all item amounts in the Total Item Cost column. In case of discrepancy between a unit price and the amount extended, the unit price shall govern.

Total Bid Price _____ (\$ _____)
 (use words) (numerals)

Unit prices have been completed in accordance with Paragraph 11.03.B of the General Conditions. Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids and final payment for all Unit Bid items will be based on actual quantities, determined as provided in the **Bidding** Documents.

ARTICLE 6 – TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.01 The following documents are submitted with and made a condition of this Bid:
- A. **Required Bid security in the form of A Bid Bond (EJCDC No, C-430) or Certified Check (circle type of security provided);**
 - B. **Evidence of authority to do business in the state or jurisdiction of the project; or a written covenant to obtain such license within the timeframe for acceptance of Bids;**
 - C. **Required Bidder Qualification Statement with Supporting Data (Section 440);**
 - D. **List of Proposed Subcontractors (Section 440);**
 - E. **List of Project References (Section 440);**
 - F. **Affidavit of Non-Collusion (Section 450-1);**
 - G. **Conflict of Interest Statement (Section 460);**
 - H. **Equal Employment Opportunity Statement (Section 470);**
 - I. **North American Development Bank Non-Bribery Letter (Section 490)**
 - J. ~~Required Bid security;~~
 - K. ~~List of Proposed Subcontractors;~~
 - L. ~~List of Proposed Suppliers;~~
 - M. ~~List of Project References;~~
 - N. ~~Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;~~
 - O. ~~Contractor's License No.: _____ [or] Evidence of Bidder's ability to obtain a State Contractor's License and a covenant by Bidder to obtain said license within the time for acceptance of Bids;~~
 - P. ~~Required Bidder Qualification Statement with supporting data; and~~
 - Q. ~~[List other documents and edit above as pertinent]~~

ARTICLE 8 – DEFINED TERMS

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.