



**CITY OF TOMBSTONE**  
**WATER INFRASTRUCTURE IMPROVEMENT UPGRADES**  
**CAP AZ8370**  
**PRE-BID CONFERENCE MEETING NOTES**  
August 29, 2017 9:00 A.M.

**Attendance:**

Name	Company	Phone Number	E-Mail
Steve Stratton	WestLand Resources, Inc.	928-812-0173	<a href="mailto:sstratton@westlandresources.com">sstratton@westlandresources.com</a>
Erik Christenson	WestLand Resources, Inc.	520-206-9585	<a href="mailto:echristenson@westlandresources.com">echristenson@westlandresources.com</a>
Elke Remekis	City of Tombstone	520-457-3415	<a href="mailto:publicworks.tombstone@gmail.com">publicworks.tombstone@gmail.com</a>
Alex Gradillas	City of Tombstone	520-457-3419	
Zach Young	Ashton	520-909-6901	<a href="mailto:zyoung@ashtoncoinc.com">zyoung@ashtoncoinc.com</a>
Jerry Jones	Meridian	520-278-0500	<a href="mailto:j.jones@meridiancon.net">j.jones@meridiancon.net</a>
Ben Carter	KE&G	520-458-9594	<a href="mailto:bcarter@kegtusv.com">bcarter@kegtusv.com</a>
Riley Willis	Strategic Construction	928-812-4617	<a href="mailto:rwillis@atwell-group.com">rwillis@atwell-group.com</a>
Darrin Workman	TWI	520-631-6432	<a href="mailto:dworkman@twi-ind.com">dworkman@twi-ind.com</a>
Thom Martinez	Smyth Industries	520-349-3331	<a href="mailto:tmartinez@smythindustries.com">tmartinez@smythindustries.com</a>
Ed Throckmorton	Prime Controls	505-228-0820	<a href="mailto:e.throckmorton@primecontrols.com">e.throckmorton@primecontrols.com</a>
Mike Young	Fann Environmental	928-778-5335	<a href="mailto:mikeyoung@fannenvironmental.com">mikeyoung@fannenvironmental.com</a>
Jose Alvarez	SCS	480-340-1344	<a href="mailto:jalvarez@scsbuild.com">jalvarez@scsbuild.com</a>
David Brinkley	Technology Construction Inc.	928-777-0099	<a href="mailto:dwbestimator@gmail.com">dwbestimator@gmail.com</a>
David Smush	Weber Water Resources	480-868-7041	<a href="mailto:sdsmush@weberwaterresources.com">sdsmush@weberwaterresources.com</a>
Gabriel Madrid	Weber Water Resources	480-518-5460	<a href="mailto:gmadrid@weberwaterresources.com">gmadrid@weberwaterresources.com</a>

The purpose of the pre-bid meeting was to review the contract documents and description of the project, take questions, and discuss items for an upcoming addendum. An agenda was provided for the meeting. Minutes are provided below.

- 1. Introductions and Project Description** – All those attending introduced themselves, and a brief project description was provided. Contractors were informed that bidding will include a base bid and several add-alternates.
- 2. Bid Document** – The bid document was reviewed, including the bid submittal package, Bid due date and public opening, Lump sum bid proposal, bonds, Supplementary Conditions, and Technical Specifications.

- Bids due September 15, 2017 by 12:00 P.M. (local time). Public opening immediately following.
  - Lump Sum Bid proposal - This is a lump sum bid proposal, the unit pricing on the Bid Schedule is to be used by the Engineer to determine cost when adding or deleting items. Bidders were referred to Article 19 of EJCDC C-200 regarding the evaluation of bids and award of contract.
    - (**Must submit the following**)
      - Bid Form Pages 1-8
      - Bid Bond (5%)
      - Section 440 (pages 1-4) – must include SCADA Subcontractor
      - Affidavit of Non-Collusion (Section 450)
      - Conflict of Interest Disclosure (Section 460)
      - EEO Clause (Section 470 pages 1-3)
      - Section 490
  - **Other bonds (Performance and Payment)** - are required from the Awarded Bidder
  - **Supplementary Conditions**
  - **Technical Specifications** – when Bid Line Items are revised by Addenda, Bidder is to assume references in Technical Specifications are revised by Addenda.
  - Project is funded by BECC/NADB and is regulated by BECC/NADB procurement procedures.
  - This project does not fall under David Bacon Prevailing Wage requirements.
3. **Contract times** – 180 days to substantial completion (ADEQ Approvals, Operation is suitable for its intended use, ready to turn over project to the City of Tombstone for acceptance and final punch list).
  4. **Permits** – Contractor is responsible for permits.
  5. **Insurance Requirements** – as stated in the bidding documents.
  6. **Questions** – All questions will be answered in writing and posted on the City of Tombstone’s Website. All Addendums will be posted on Website.
    - All questions must be submitted in writing by email to dmiller@westlandresources.com by September 7, 2017, 12:00 P.M. (Local time).
  7. **Well Site No. 1. Site Visit**
    - Bidders were shown the existing infrastructure to take photos, and familiarize themselves with the site.
    - Bidders are to assume that the City of Tombstone will clean out the computer room prior to installation of the computer.
    - Some replacement of rock will be necessary when rerouting the wiring into the Public Works office.
    - Bidders were informed that they could use temporary fencing if necessary at the well site, but would be required to replace any removed fencing in-kind.

## 8. Surface Water Reservoir Site Visit

- Bidders were shown the existing infrastructure to evaluate site access, take photos, and familiarize themselves with the site.
- The City of Tombstone agreed that they would grade the road as necessary for access.
- The City of Tombstone will drain the reservoir in the event that Add Alt-1 is selected.
- The Contractor is responsible for removing the roof panels of the reservoir in the event that Add Alt-1 is selected.
- Bidders were instructed that “replacing the existing wall in-kind” means to match the sections of the existing wall that are in proper working order, and not collapsed. **It is recommended that the Contractor take photos prior to construction to record existing conditions.**

## 9. Water Treatment Site Visit

- Bidders were shown the existing infrastructure to evaluate site access, take photos, and familiarize themselves with the site.
- Bidders were instructed that the specific location of the sample tap was to be determined during construction.

## 10. Well Site #2 Site Visit

- Bidders were shown the existing infrastructure to evaluate site access, take photos, and familiarize themselves with the site.
- The City of Tombstone has fixed the existing booster station, which is now operational. However, bidders are instructed to bid as shown in the Plans, Specifications, and existing Bid Schedule.

## QUESTIONS AND ANSWERS:

- Q1. Drawing E-6 (sht 13 of 17) shows fused terminal blocks on the I/O terminal strips but does not indicate how many or which terminal blocks need to be fused, nor do the I/O schematics show any fuses. Which 120v and 24 VDC terminal blocks require fuses?—ie are all I/O points to be fused or only some and if so, which?**
- A1. Refer to Addenda No. 1.
- Q2. Specifications require a site acceptance test at completion of construction. Is a witnessed SCADA system Software Factory Acceptance Test required prior to construction completion? If so, what are the requirements and where is it to be held?**
- A2. Factory testing is not required. Proper operation of the SCADA system will be verified by Field Testing as described in section 170106 of the specifications.
- Q3. Are there any UL listing or UL labeling requirements for the telemetry panels?**
- A3. Control panels shall be UL508 labeled as required in section 170100 of the specifications.
- Q4. Document 1918.07\_FD Tombstone PH 1\_082317red, Pg 2/17 does not show the existing concrete wall for the liner attachment. During the visit the Town Representative advised that the dimension of the reservoir is 75' x 75' x 20'. Is that the measurement used to determine the liner size?**
- A4. Please use dimensions of 85' x 92' x 21' to determine the liner size. Bidders are to be aware that the actual dimensions vary slightly, and that the reservoir is not a perfect rectangle, nor is the top level. Please refer to the provided Foundation Plan As-builts attached to Addenda No. 1.
- Q5. Please confirm the circumference that requires attachment to concrete is 300 linear feet (based on 75' length and 75' width provided)?**
- A5. The bidder is to determine the lengths of attachment to concrete based upon the measurements provided above and the provided As-builts attached to Addenda No. 1.
- Q6. Document 1918.07\_FD Tombstone PH 1\_082317red, Pg 2/17 notes “remove existing and install new 16,400 sf 40 Mil RFP liner...”. Document 1918.07\_FD Tombstone PH 1\_082317red, Pg 7/17 (detail 3/7) notes the attachment of “New 60 Mil HDPE liner”. Is the project calling for 40 Mil RPE, or 60 Mil HDPE?**
- A6. The Bidders are to provide 40 mil RPE. This will be addressed in Addendum 1.
- Q7. Please confirm the: (1) Number of penetrations which need to be sealed, and (2) the outer diameter of ALL penetrations (columns, ladders, appurtenances, etc.)**
- A7. Please refer to Sheet 2 of the Plans and the provided as-builts for assumptions on penetrations. We will provide additional information in Addendum 1.
- Q8. Can you provide a detail for the liner around the existing columns at the reservoir site?**
- A8. The contractor is to assume that the pedestals and columns are as shown on the provided as-builts and determine the preferred method for creating a leak-proof liner system, including accommodating openings. The contractor is to provide shop drawings demonstrating the method for accommodating the columns. The RPE membrane must be sealed and fastened to all block, steel, and concrete surfaces in accordance with the details shown on these shop drawings.

Additionally, the RPE membrane shall be sealed to all penetrating structure supports and other openings in the liner and all joints must be tightly bonded.

**Q9. There appears to be discrepancies on the bid docs regarding pump performance and horsepower.**

A9. Please refer to Addenda No. 2 for clarification.

**Q10. We got this back from our Vendors: Leviton Part #51020-WM – This item is a prototype stage and is not going to be available until maybe first of year, Leviton does not have price set up yet for this so I am unable to price.**

A10. This unit has been installed on past projects so there seems to be some confusion about its availability. We were able to locate several. A unit matching the same specs is acceptable.