



## Addendum #2 - REV

Date: Thursday, May 16, 2019

Project: City of Concord, NC  
Highway 29 Elevated Water Storage Tank  
Project No. 2018-017

To: All Plan Holders

You are hereby advised of this Addendum #2 as a supplement to the Bid Documents for Highway 29 Elevated Water Storage Tank (Project No. 2018-017). Please incorporate all information in the preparation and pricing of your bid. Please acknowledge receipt of Addendum #2 on your proposal/bid form.

### **Contractor Questions/Comments:**

Comments and questions from potential bidders are presented in *italics*, responses are presented in **bold**. Potential bidder questions and comments presented below have been paraphrased to be as concise as possible.

**Item 1:** *The Bid Form, Page 17, item 6 and the General Conditions, Paragraph 14.13 indicate a Final Completion of 420 days from Notice to Proceed with Liquidated Damages of \$1,500/day. Page 2, item 2 of the Bid Form say the Bid shall be remain open subject to acceptance for 90 days after the bid opening. We request the bid validity be reduced to 60 days and the project schedule be 520 days for substantial completion and 550 days for final completion.*

- **The construction schedule shall be modified to a substantial completion of 490 days and a final completion of 520 days.**
- **Bids shall remain open for 90 days. Please note, this is a maximum time the bid shall remain open and not an indication of the actual elapsed time between bid opening and contract execution or notice to proceed.**

**Item 2:** *What is the budget estimate for this project? Does the budget include the PAX THM Removal System Allowance and the SCADA allowance?*

- **The budget estimate, including THM Removal system and SCADA allowance, is \$5,000,000 for the composite tank and \$5,500,000 for the fluted column tank.**



**Item 3:** *Who is the responsible contact for the Ben Mynatt Automotive Dealerships, and what is their contact information? We want to discuss our planned operation and traffic flow prior to bid. We need to understand their requirements and want to express our needs.*

- **At this time, there is no confirmed direct contact to share.**

**Item 4:** *We note there is a requirement for a notarized E-Verify Affidavit and that all employees and subcontractors used on this project must comply with the E-Verify requirements. Furthermore, please confirm that all of the tank contractor's employees for the concrete shaft and steel construction must be direct hire employees of the tank contractor and not Subcontractors or Independent Contractors.*

- **Concrete shaft and steel construction does not need to be completed only by direct staff of the successful bidder.**

**Item 5:** *Is there any 3rd party inspection (i.e. TIC, KLM, AEC etc.) on engineering, construction or painting? If so, who will it be and on what portion of work?*

- **It is anticipated that Utility Services will be providing coating inspection through contract with the Owner.**
- **It is anticipated that Gavel & Dorn will be providing daily construction observation and administration as a subcontractor to the Engineer.**

**Item 6:** *Can the geotechnical engineer perform four to six blind drills on the north and east side of the existing tank just to determine the depth of rock? Or could it be done after the tank and foundation are removed? Just trying to get a quick determination of the depth of the rock. For some reason Boring S-1 indicated a rock depth of 45 ft outside the existing tank. The Law Engineering report under the existing tank indicated rock at the 14 to 19 depth.*

- **No additional geotechnical testing will be provided prior to bid opening. It is anticipated the new tank foundation will be placed inside the 78-ft diameter circle of bores presented in the Law Engineering report. Successful bidder is welcome to do additional exploratory geotechnical investigation prior to final foundation design.**

**Item 7:** *Please confirm we can work weekends.*

- **Weekend work will be allowed.**

**Item 8:** *Section 01 45 33 Item 1.1.C.1 references Sections 02302 (Cast in place piling) and 02315 (driven steel piling), neither of which are included in our manual. These are also not listed in the Table of Contents. Please confirm we are not missing any sections.*

- **The references to these sections are erroneous. These references will be deleted in the specifications.**



**Item 9:** *Drawing 00D-01 shows the incoming waterline coming in over the foundation. We will be utilizing a deep foundation solution and as such the incoming waterline will come in under the pile cap, between the piles before turning vertical extending above the floor slab. Please confirm this approach is acceptable and that we are not required to place our foundation deeper than required by design to allow the incoming waterline to pass over the cap.*

- **This is acceptable.**

**Item 10:** *Please confirm the completion time as 420 Days per Item 6 of the bid form. The Standard Form of Contract in the spec says 90 days which we are assuming is incorrect.*

- **The bid form, as corrected in Item 1 above, is correct. Standard Form of Contract is only included for the purposes of disclosing contract terms prior to bid opening.**

**Item 11:** *Section 03 09 00 Item 3.4.A says the Owner will pay for concrete testing, however, Section 01 45 33 Item 1.1.C.2 says the Contractor shall arrange and pay for testing per 03 09 00. Please clarify who pays for concrete testing.*

- **Contractor shall arrange and pay for concrete testing. Specifications shall be modified to clarify.**

**Item 12:** *Section 09 91 00 Item 3.1.A.8 specifies galvanized metal surfaces to be painted. However, Section 33 16 13 Item 2.11.A says galvanized surfaces are not coated. Please confirm the galvanized ladders and landings, etc. within the concrete pedestal are NOT to be painted.*

- **Section 09 91 00 Item 3.1.A.8 applies to exposed exterior surfaces. Interior ladder and landing are not to be coated.**

**Item 13:** *Section 09 91 00 Item 3.2.E.1.a specifies stainless steel piping to be painted. However, Section 33 16 13 Item 2.11.A says stainless steel surfaces are not coated. Please confirm the stainless steel riser and overflow piping within the concrete pedestal are NOT to be painted.*

- **Interior stainless steel piping is not to be painted.**

**Item 14:** *Drawing 00G03 notes the tank and foundation will be removed by others. Please confirm this includes any oiled sands under the tank floor. Please confirm this includes full foundation removal. Will the void from foundation removal be filled as part of their scope? Who is responsible for removing the other items noted to be demolished on Drawing 00G-03?*

- **The demolition contract includes removal of oiled sands, full foundation removal, as well as placement and compaction of clean soils to surrounding grade. Removal of all other items are the responsibility of the successful bidder under this contract.**

**Item 15:** *Drawing 00G-03 – will the tank demolition contractor be cutting and capping the existing overflow pipe at the southern property corner as part of their scope?*

- **Overflow pipe will be cut near the existing tank foundation.**



**Item 16:** *Drawing 00G-03 – will the tank demolition contractor be cutting and temporarily capping the waterline at the eastern property as part of their scope?*

- **Water main will be cut near the existing tank foundation.**

**Item 17:** *Drawing 00C-03 shows a 45 ft maximum head range. Drawing 00D-01 shows a 40 ft head range. Section 33 16 13 Item 2.2.A.5 specifies a 40 ft head range. Please confirm the maximum head range.*

- **40 ft head range is correct. Plan sheet will be corrected.**

**Item 18:** *Drawing 00C-03 describes a 100 ft maximum tank diameter. While we will be close to this dimension we will surely vary and may exceed 100 ft. Tank diameter is a function of volume and final head range and will vary between individual tank manufacturers stand design. Please confirm the 100 ft tank diameter is +/-.*

- **100ft diameter was based on publicly available information from tank manufacturers and was intended to give a scale to the plan sheets. The 100ft maximum diameter is not an absolute.**

**Item 19:** *Drawing 00C-04 seem to indicate a caged ladder system in the pedestal, this is not described in Section 33 16 13. Please confirm a caged ladder is not required.*

- **Caged ladder is not required.**

**Item 20:** *Shall the statement in Section 09 91 00 – 1.4.A.6 be interpreted that the Contactor shall secure and provide 3rd party NACE coatings inspection for all shop priming activities? If the answer is “yes”, can this requirement be eliminated if the Contractor utilizes a pre-construction hold primer process that requires the full field application of the primer at the site?*

- **This is correct. If there are no factory or shop coatings applied to the steel at the factory, NACE inspection and surface preparation certification from the factory is not required.**

**Item 21:** *Can you clarify that only the above grade ductile iron pipe and valves (within the support structure) shall be coated as prescribed in Section 09 91 00?*

- **This is correct, only above grade ductile iron pipe and valves shall be coated.**

**Item 22:** *Can you confirm that conduit on the interior pedestal structure for the composite tank option do not require coating per Section 09 91 00?*

- **This is correct, conduit on the interior of the pedestal does not require coating.**

**Item 23:** *Can you confirm that hot dip galvanized components on the interior of tank/pedestal structure for the composite tank option do not require coatings per Section 09 91 00?*

- **This is correct, galvanized components on the interior of the pedestal do not require coating.**



**Item 24:** *Section 09 91 00 – 3.4.H states that NACE coating inspection is to be provided by the coating manufacturer. It is not customary that that coating manufacturer provide this type of service for the project. Can you clarify that the Owner will provide the NACE coatings inspector at their expense?*

- **Coating inspection shall be provided by the owner. If inspection by manufacturer is required for warranty, that shall be provided.**

**Item 25:** *Can you clarify that a stripe coat is to be applied to all interior and exterior weld seams and sharp edges regardless of wet or dry location?*

- **Stripe coat shall be applied to all interior and exterior weld seams regardless of wet or dry application.**

**Item 26:** *The duration of warranty coverages outlined in Section 09 91 00 – 3.8.C (Tank Interior = 10 yrs and Tank Exterior = 15 yrs) are typically covered by the coating manufacturer and not the Contractor. Can you confirm that this is the case?*

- **Contractor is responsible for material and workmanship warranty from date of completion. The 10 and 15 year warranties are for the coating system itself.**

**Item 27:** *Due to the proximity of the tank location to car dealerships and other surrounding structures we recommend the Section 09 91 00 be revised to include a minimum of Class 1 containment with a minimum of 20,000 CFM dust collection.*

- **Section 01 30 00 Part 1.10 Item K states that protection of the adjacent businesses is the responsibility of the contractor, including, but not limited to, paint or coating systems. How the contractor achieves this is part of their means and methods.**

**END OF ADDENDUM**