



April 23, 2020

ADDENDUM NO. 1 TO SPECIFICATION NO. 1395W
Markham Tank Interior Recoating

This addendum to the specifications is for the purpose of adding, clarifying, or deleting certain information to the construction drawings and project specifications as follows:

SPECIAL CONDITIONS

ADD SC-60 as follows:

SC-60. Exterior Coating Exterior surface preparation shall be per Detailed Provision 09875 Part 3.04 as stated below for the roof and spot repairs:

Surface preparation for the roof shall be per the 100% Removal section.

Surface preparation for the spot repairs shall be per the Spot Removal section.

SECTION P – CONTRACT DRAWINGS

Replace drawing D-59550 with drawing D-59550 Rev 1.

PRE-BID WALK THROUGH

A non-mandatory pre-bid walk through meeting was conducted on April 15, 2020 by appointment.

NOTE: Refer to EMWDs website to obtain the Pre-Bid Walk Through Sign-In Sheet.

QUESTIONS & ANSWERS

Harbor Coating

Q1. Is QP-1 and QP-2 required for this project?

A1. QP-1 and QP-2 certifications are not required for this project.

Champion Specialty Services Provider

Q1. Page 335 of the spec or Section 09878.1 – 1: “After completion of surface preparation as specified, tank floor and bottom one-half foot of shell shall receive a 100% solids epoxy system, and all other surfaces shall receive a three coat epoxy system.”

I have chosen the tnemec option Section 09878.1 – 2:

b. Shell and Roof

i) Prime Coat: Series 94-H2O Hydro-Zinc, Minimum Dry Film Thickness 2.5 mils

ii) First Intermediate Coat: Series L140F Pota-Pox Plus, Minimum Dry Film Thickness 4-6 mils

iii) Second Intermediate Coat: Series L140F Pota-Pox Plus, Minimum Dry Film Thickness 4-6 mils

iv) Topcoat: Series L140F Pota-Pox Plus, Minimum Dry Film Thickness 4-6 mils

v) The minimum dry film thickness of the completed system shall be 17 mils (0.017”).

END OF SECTION 09878.1

The shell and roof coatings listed is a 4 coat system, and the primer is a urethane not an epoxy. It looks like this I want to make this is just a wording issue, and this coating is acceptable being that it is a urethane primer not an epoxy based primer.

Also, was it intended to have 3 coats of the pota-pox, as this is not typical. Or was one of those coats meant to be a stripe coat instead? Which would be a more typical coating system.

A1. The District has confirmed with Tnemec that 94-H2O Hydro-Zinc is compatible with L140F Pota Pox Plus.

The contractor shall install the prime coat followed by the First Intermediate Coat, Second Intermediate Coat, and Topcoat for the shell and roof as specified in Detailed Provision 09878.1 Part 3.07 A.

Q2. Also, both page 23, (BS-3) and page 251 (schedule of values (01026-3) state “recoating of entire exterior roof” however everywhere else mentions the only external coatings being that of touch in accordance with the external modifications.

A2. Contractor is required to satisfy the requirements below:

Detailed Provision 00020 Bid Item 4 and Detailed Provision 01026 Item 4:

“Furnish and install tank improvements ..., including painting and recoating of entire exterior roof and spot repairs on tank shell exterior, in accordance with these specifications.”

“SC-48. Tank Exterior Coating Repairs and Miscellaneous Metal Coating.

Contractor shall repair tank exterior coatings where coating is damaged from interior recoating operations, removal of exterior appurtenances, demolition of existing guardrail, new perimeter roof guardrail installation, perimeter roof vent installation, cathodic protection system demolition and installation, and as directed by the District.

Contractor shall coat the newly installed perimeter roof guardrail and perimeter roof vents. Coating system for exterior shall be per Detailed Provision 09875.

Color of finish coat shall match existing tank exterior. Submit color chip for final approval by District.”

Genesis Construction

Q1. Markham Tank: Detail 4 on Sheet S4 notes the tank handrails are to be painted the color of the tank the call out for the hand railing on sheet S2 notes the hand railing to be galvanized is it the districts intent to paint the galvanized hand railing? Is the kick plate to be galvanized also? Please note that the galvanizing will be damaged at the time of welding the support plates to the tank and the hand railing to the support plate.

A1. The handrails and kick plates are not required to be galvanized. See attached revised drawing D-59550 Rev 1. See Sheet S3 detail 4 for guardrail requirements.

Q2. Will the awarded contractor be required to have confined space rescue standby on-site during permit required confined space entry operations?

A2. See confined space requirements in Detailed Provision 00100, SC-1.

Unified Field Services Corporation

Q1. On the Agenda the Schedule shows est. start date as 6/15/20 but on the Shut Down Coordination Table it shows that the tank offline dates are 10/5/20 to 2/19/21, please confirm dates.

A1. The estimated contract start date of 6/15/20 is correct. The time between the contract start date and the tank offline date is to allow the contractor abundant time to process submittals and procure equipment and materials necessary to begin onsite work at the tank offline date. Reference Appendix E - Shutdown Coordination Table for more information.

Q2. SC-27 Working Hours: Would a 4-10 schedule Monday thru Thursday, 10Hr days be acceptable as a work schedule.

A2. Per Detailed Provision 00100, SC-27 “... Contractor will pay for all inspection fees during the alternate time, subject to the District’s discretion. The contractor would need to obtain approval from the District.”

The contractor will need to obtain approval from the District after construction begins. The District may require the contractor to pay for additional inspection fees.

Q3. SC-47 Roof Lap Caulking: Define voids and crevices, would this include caulking the roof to the rafters?

A3. Per Detailed Provision 00100, SC-47, "Contractor shall fully seal with continuous caulking all interior roof joints, roof plate overlaps, and voids /crevices."

This includes, but is not limited to, roof plate overlaps, both sides of rafters at the roof plate, and essentially any other joint that is not welded.

Q4. SC-50 Nace Certification: Will SSPC QP1 and QP2 Certifications be acceptable in place of Nace?

A4. The contractor is required to have NACE certification per Detailed Provision 00100, SC-50. QP-1 and QP-2 certification will not be allowed as a substitution for NACE.

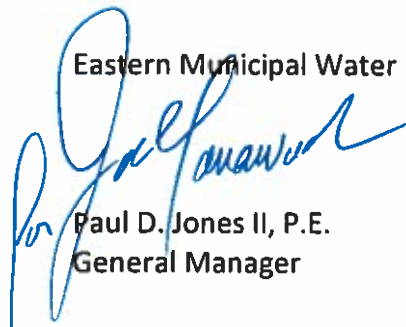
Q5. Is Interior paint to be bid per 09878 or 09878.1 Custom?

A5. Detailed Provisions 09878 and 09878.1 (custom) are both part of the interior coating specification.

Q6. Is the Exterior Roof to be stripped and Recoated or pressure washed and Top Coated?

A6. Exterior surface preparation shall be per Detailed Provision 09875 Part 3.04 100% Removal section. See SC-60, per this addendum.

Eastern Municipal Water District



Paul D. Jones II, P.E.
General Manager

PE: EM
PM: EM
DFE: BOM
DE: SB

PDJ:JA:ld:ae

ATTACHMENTS: Drawing D-59550 Rev 1