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February 26, 2025

Lake Village Water Association
801 Pleasant Hill Drive
Burgin, KY 40310

Attention: Mr. Mike Sanford, Executive Director

RE: Ison Lane Standpipe Rehabilitation Project
Sealed Bid

Dear Mr. Sandford,

Currens Construction Services, LLC is pleased to offer you the following cleaning & sealing proposed system and price to complete the work. Please find attached our Bid Bond in the amount of Five Percent (5%) of our total bid amount.

Ison Lane 250,000 Gallon Glass Lined Standpipe

- Power-tool clean seams and bolt heads and apply CIM coatings per attached coating system.
- Replace bolts as needed along seams

Total Price: \$78,820.00

Thank you for the opportunity to provide this and let us know if you need anything!

Sincerely,

Terry Currens, Member

SECTION 09880**INTERIOR COATING SYSTEM FOR GLASS LINED WATER TANK****PART 1 - GENERAL****1.01 WORK INCLUDED**

- A. Interior surface preparation, coating system repairs and other repairs as recommended in the attached inspection report for a glass lined water storage tank. See APPENDIX A.

1.02 REQUIREMENTS

The Contractor shall furnish all materials, labor, equipment and appliances and shall do all tank surface preparation and field painting as specified herein.

1.03 REFERENCES.0

- A. AWWA D102 (Latest Revisions) Standards.
- B. Kentucky State Board of Health.
- C. U.S. Environmental Protection Agency.
- D. KY Environmental and Public Protection Cabinet.
- E. National Sanitation Foundation (NSF) Standard #61.
- F. ASTM D 16 - Terminology Relating to Paint, Varnish, Lacquer, and Related Products
- G. ASTM D 4263 - Indicating Moisture in Concrete by the Plastic Sheet Method
- H. ASTM F 1869 - Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.
- I. AWWA C 652 - Disinfection of Water Storage Facilities.
- J. AWWA D 102 - Painting Steel Water Storage Tanks.
- K. SSPC-SP 3 - Power Tool Cleaning.
- L. SSPC-SP 6/NACE 3 - Commercial Blast Cleaning.
- M. SSPC-SP 10/NACE 2 - Near White Metal Blast Cleaning.
- N. SSPC-SP 11 - Power Tool Cleaning to Bare Metal.
- O. SSPC-SP 13/NACE 6 - Surface Preparation of Concrete

1.04 SUBMITTAL

- A. Manufacturer's name and number for each product to be used.
- B. Performance data for substitute products.

1.05 QUALITY CONTROL

- A. The Contractor shall do a complete coating repair job throughout the work in accordance with these Specifications, the paint manufacturer's current surface preparation and application instructions, and with generally accepted practices for work of high quality.
- B. All paints and painting materials not specifically specified shall be high-grade products of nationally known manufacturers of established good reputation and shall be suitable for the intended use. Materials listed in the painting schedule without reference to a specification number, or materials not further described hereinafter, shall be products that have had a minimum of two years' satisfactory field service.
- C. All paint shall be applied under favorable conditions by skilled painters to produce smooth even coatings of all interior and exterior surfaces.
- D. Contractor to complete Holiday Detection, for all interior surfaces, in accordance with NACE International RP0188. Three copies of the results, noting any deficiencies, shall be transmitted to the Engineer.
- E. Manufacturer's Qualifications:
 - 1. Specialize in manufacture of coatings with a minimum of 5 years successful experience.
 - 2. Able to demonstrate successful performance on comparable projects.
 - 3. Single Source Responsibility: Coatings and coating application accessories shall be products of a single manufacturer.
- F. Applicator's Qualifications:
 - 1. Experienced in application of specified coatings for a minimum of 5 years on projects of similar size and complexity of this work.
 - 2. Applicator's Personnel: Employ persons trained for application of specified coatings.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. The paints to be used in the work shall be products of the C.I.M. Industries, Inc. or approved equal. The types of paint products to be used in the work shall be identified by the manufacturer's name and/or number and brought to the job site in the original sealed containers of the manufacturer. All paints and paint products used on the project shall be from the same manufacturer.
- B. The products of the manufacturers other than those herein named, which are acceptable equivalents to the products specified, may be substituted, except that, insofar as possible, all paints applied to a surface shall be products of one manufacturer. Data showing equivalent performance of each paint product to be substituted for the ones specified shall be submitted in writing to the Engineer for review at least 30 calendar days before the painting is to begin, and no painting shall proceed until the substituted products have been accepted.
- C. All paints and painting materials not particularly specified shall be high-grade products of nationally known manufacturers of established good reputation and shall be suitable for the intended use. Materials listed in the painting schedule without reference to a specification number, and not further described hereinafter, shall be products that have had a minimum of two years' satisfactory field service.

- D. All paints shall comply with the latest EPA regulations concerning volatile organic compounds (VOC).

2.02 STORING AND MIXING

All painting materials shall be stored and mixed in a single place. The Contractor shall not use any plumbing fixture or pipe for mixing or for disposal of any refuse material. The Contractor shall carry to his mixing room all water necessary and shall dump all waste outside of the structure into a suitable receptacle so as not to create hazards or damage. The Contractor will be held responsible for all damage due to his failure to observe these provisions.

PART 3 - EXECUTION

3.01 SURFACE PREPARATION

- A. General: Before any surface is painted, it shall be cleaned carefully of all dust, dirt, grease, loose rust, mill scale, old weathered paint unsuitable for top coating, efflorescence, oil, moisture, or other foreign matter and conditions detrimental to coating bond and life. All necessary special preparatory treatment shall then be applied in strict accordance with the paint manufacturer's written instructions. Where required, imperfections and holes in surfaces to be painted shall be filled in an acceptable manner.
- B. Any rubber gasket hanging from glass lined tank seams shall be trimmed with a razor. Lightly abrade with a DA-Sander to remove sheen off the glass but not damage it. Rusted areas should be ground down to white metal. Wipe with a fast evaporating solvent, i.e. MEK, Acetone or alcohol type solvent to not leave a residue of film.
- C. Coordination: Surface preparation and painting shall be so programmed that dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.
- D. All surface preparation work shall comply with all NSF/ANSI Standard 61 and all state and local EPA regulations governing lead based paint removal and the levels of lead and silica to which the public can be exposed.
- E. All surface areas found to have contamination or loose primer coating, (visible oil, grease or dirt) shall be spot cleaned to remove contaminants or loose coatings- SSPC SP7/NACE No. 4

3.02 APPLICATION

- A. Product shall be used and applied as recommended by the manufacturer without being extended or modified, and with particular attention to the correct preparation and condition of surfaces to be painted.
- B. Surfaces which have been cleaned, pretreated, or otherwise prepared for painting shall be painted with the first field coat as soon as practicable after such preparation has been completed, but in any event prior to any deterioration of the prepared surface.
- C. Unless otherwise specified, stainless steel surfaces throughout the work shall not be painted.
- D. Hardware accessories, machine surfaces, plates, lighting fixtures, and similar items in place prior to surface preparation and painting, and not intended to be painted, shall be removed during painting operations and repositioned upon completion of each area or shall otherwise be protected.

- E. Paints or other finish shall not be applied to wet or damp surfaces, or when the relative humidity exceeds 80% except in accordance with the instructions of the manufacturer. Exterior painting shall not be done during cold, rainy, or frosty weather, or when ambient temperature or painting surface temperature is likely to drop to 40 degrees F. Painting shall not be done unless the painting surface temperature is at least 5 degrees F above the dew point. Temperature requirements of paint manufacturer are to be observed when minimum is greater than 40 degrees F. Painting of surfaces while they are exposed to the sun shall be avoided.
- F. All paint shall be applied under favorable conditions by skilled painters and shall be brushed or rolled out carefully to a smooth, even coating without runs or sags. Each coat of paint shall be allowed to dry thoroughly, not only on the surface but throughout the thickness of the paint film before the next coat is applied.
- G. The Contractor shall not only protect his work at all times but shall also protect all adjacent work and materials. Upon completion of the work, he shall clean up all paint spots, oil, and stains from floors, glass, hardware, and similar finished items.

3.03 RATES OF APPLICATION

- A. Paint shall be applied so as to obtain the coverage per gallon and the dry film thickness recommended by the manufacturer or as specified herein. The Contractor shall record, in a manner satisfactory to the Engineer, the quantities of paint used for successive coats on the various parts of the work.
- B. The paint applicator shall have available on the project site a paint film thickness measuring device capable of measuring 0-59 mils with accuracy of $\pm 2\% + 0.1$ mil, operating temperature range 5 degrees C to 50 degrees C and meet ASTM B499 and ISO 2178 specifications. Reference SSPC-PA2 as to how thickness readings should be taken.

3.04 PAINT TYPES AND SCHEDULE

The following types of products shall be used throughout the work on items and surfaces indicated. All products and schedules shall be in accordance with AWWA D102 (latest revisions).

- A. Interior Products: The Contractor shall furnish all materials and labor to repair the interior seams of the glass lined tank conforming to the following:
 1. Primer Coat (Seams): C.I.M. Bonding Agent or approved equal. See data sheet at the end of the section for specific manufacturer's instructions.
 2. Coating (Seams): C.I.M. 1000 Trowel Grade brushed or rolled around bolt heads, edges and corners and C.I.M. 1061 or approved equal to a minimum of 80-100 mils dry film thickness. See data sheet at the end of this section for manufacturer's recommendations.
 3. Roof cap holes (interior and exterior of tank): C.I.M. 1000 Trowel Grade brushed or rolled around holes on both the interior and exterior of the tank as well as bolt heads, edges and corners and C.I.M. 1061 or approved equal to a minimum of 100-120 mils dry film thickness.

3.05 STERILIZATION

- A. Disinfection and sterilization of the interior of the tank shall not take place until the interior paint has sufficiently cured. This time shall not be less than five (5) days. Force curing may be conducted in accordance with the paint manufacturer, however, the Engineer shall be notified of the forced curing of the interior paint.
- B. The Contractor shall sterilize the tank in accordance with AWWA D05 C652-02 "Disinfection of Water Storage Facilities" and Kentucky Regulations 401 KAR 6-015. The Tank Contractor is to drain and clean all tanks after sterilization. The Owner reserves the right to delay testing and sterilization until the water is adequate for such major usage.
- C. The tank may be sterilized during preloading provided that no leaks are found which would require re-work and re-sterilization. Otherwise the spray method of sterilization will be required.
- D. Bacteriological testing of the water shall be conducted by the State Department of Health. The tank shall not be placed in service until the sample is approved by the Health Department. All results are to be mailed to the Engineer. All costs of sampling, testing, and postage shall be borne by the Contractor.
- E. All testing and sampling shall be conducted in the presence of the Engineer or his representative.
- F. If declorination is required all heavily clorinated water shall be declorinated in accordance with AWWA C651.

3.06 CURING FOR INTERIOR PAINTED SURFACE

- A. Minimum curing time shall be per the manufacturer's recommendation.
- B. Rinse potable water tanks with fresh water before filling to remove any traces of solvent thus assuring coating will not impart taste, odor or color.

3.07 GUARANTY

The Contractor, in signing his proposal, guarantees to repair any and all defects due to workmanship, i.e. sags, drips, cracks, separation or unsuitable material which appear in the structures or coating system during the period of one (1) year after the date of acceptance.

3.08 CLEANUP

All construction material and debris shall be removed from the site upon completion of work.

- END OF SECTION -

