

ADDENDUM

Peoria Park District
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ADDENDUM NO. ONE

PROJECT TITLE: Pool Prep & Paint –
Gwynn Family Aquatic Center

ISSUANCE DATE: 8/3/18

LOCATION: Gwynn Family Aquatic Center

The proposed Contract Documents for this Work are modified as follows:

- I. **DRAWINGS**: N/A

- II. **PROJECT MANUAL/SPECIFICATIONS/GENERAL CONDITIONS/ETC.:**
Add Technical Section 099113.1 – Exterior Pool Painting (attached)

- III. **INVITATION TO BID**: N/A

END OF ADDENDUM NO. 1

(Addendum may be bound into Project Manual, attached to front cover, faxed, mailed, emailed, or delivered to bidders.)

SECTION 099113.1 – EXTERIOR POOL PAINTING

PART 1 - GENERAL

RELATED DOCUMENTS

Drawings and general provisions of the Contract, including General and Supplementary Conditions and Divisions 01 Specification Sections, apply to this Section.

1.01 SUMMARY

- A. Section includes surface preparation and the application of paint systems on exterior concrete substrates.

1.02 ACTION SUBMITTALS

- A. Product Data: For each type of product, include preparation requirements and application instructions.
- B. Samples: For each type of paint system and each color and gloss of topcoat.

1.03 DELIVERY, STORAGE, AND HANDLING

- A. Delivery and Handling: Deliver products to Project site in an undamaged condition in manufacturer's original sealed containers, complete with labels and instructions for handling, storing, unpacking, protecting, and installing. Packaging shall bear the manufacturer's label with the following information:

- Product name and type.
- Batch date.
- Color number.
- VOC content.
- Environmental handling requirements.
- Surface preparation requirements.
- Application instructions.

- B. Store materials not in use in tightly covered containers in well-ventilated areas with ambient temperatures continuously maintained at not less than 45 deg F.
- C. Maintain containers in clean condition, free of foreign materials and residue.
- D. Remove rags and waste from storage areas daily.

1.04 FIELD CONDITIONS

- A. Apply paints only when temperature of surfaces to be painted and ambient air temperatures are between 50 and 90 deg F.

- B. Do not apply paints in snow, rain, fog, or mist; when relative humidity exceeds 85 percent; at temperatures less than 5 deg F above the dew point; or to damp or wet surfaces.
- C. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.
 - 1. If suspected hazardous materials are encountered, do not disturb; immediately notify Owner's Project Manager.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by the following:
 - 1. Paint: Diamond Vogel, Pinnacle Protective Coatings, POOL-Cote EP.
Contact: Curt Moser at (309) 402-1049
 - 2. Concrete Patching Compound: RUST-OLEUM, 5499 System Concrete Patching Compound.
 - 3. Caulk: TREMCO, Vulkem 116 High-Performance Polyurethane Sealant.

2.02 PAINT, GENERAL

- A. Material Compatibility:
 - 1. Provide materials for use within each paint system that are compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience.
 - 2. For each coat in a paint system, provide products recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated.
- B. Colors: As selected by Owner's Project Manager from manufacturer's full range.

2.03 SOURCE QUALITY CONTROL

- A. Testing of Paint Materials: Owner reserves the right to invoke the following procedure:
 - 1. Owner may engage the services of a qualified testing agency to sample paint materials, at Owner's expense. Contractor will be notified in advance and may be present when samples are taken. If paint materials have already been delivered to Project site, samples may be taken at Project site. Samples will be identified, sealed, and certified by testing agency.
 - 2. Testing agency will perform tests for compliance with product requirements.

3. Owner may direct Contractor to stop applying paints if test results show materials being used do not comply with product requirements. Contractor shall remove noncomplying paint materials from Project site, pay for testing, and repaint surfaces painted with rejected materials. Contractor will be required to removed rejected materials from previously painted surfaces if, on repainting with complying materials, the two paints are incompatible.

PART 3- EXECUTION

3.01 EXAMINATION

- A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers. Where acceptability of substrate conditions is in question, apply samples and perform in-situ testing to verify compatibility, adhesion, and film integrity of new paint application.
- B. Report, in writing, conditions that may affect application, appearance, or performance of paint.
- C. Proceed with coating application only after unsatisfactory conditions have been corrected; application of coating indicates acceptance of surfaces and conditions.

3.02 PREPARATION

- A. Comply with manufacturer's written instructions and recommendations in "MPI Manual" applicable to substrates and paint systems indicated.
- B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.
- C. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection.
- D. Prepare the pool walls and floor by grit-blasting all loose or failed paint off to achieve a solid surface for the new paint system to bond to. Clean up all grit-blast debris and dispose of properly.
- E. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints.
- F. Provide concrete patching as needed by applying specified concrete patching compound per manufacturer's written instructions.
- G. Cut out and replace caulking as needed around the perimeter of the pool as well as the expansion joints. Install per manufacturer's written instructions.

3.03 APPLICATION

- A. Apply the two-coat paint system according to manufacturer's written instructions.
- B. Use applicators and techniques suited for paint and substrate indicated.
- C. Paint surfaces behind movable items same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed items with prime coat only.
- D. Add sand to paint system in the shallow end of the pool from zero to 2'-6" depth to prevent children from slipping.
- E. Add sand to the paint system on the five steps and the black step edge markings to prevent children from slipping.
- F. Paint black line striping and depth markers in the pool.

3.04 FIELD QUALITY CONTROL

- A. Dry Film Thickness Testing: Owner may engage the services of a qualified testing and inspecting agency to inspect and test paint for dry film thickness.
- B. Contractor shall touch up and restore painted surfaces damaged by testing. If test results show that dry film thickness of applied paint does not comply with paint manufacturer's written recommendations, Contractor shall pay for testing and apply additional coats as needed to provide dry film thickness that complies with paint manufacturer's written recommendations.

3.05 CLEANING AND PROTECTION

- A. At end of each work day, remove rubbish, empty cans, rags, and other discarded materials from Project site.
- B. After completing paint application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.

END OF SECTION 099113.1