

MARINWOOD CSD COMMUNITY POOL & WADING POOL REPLASTER AND RENOVATION PROJECT

ADDENDUM NO. 2

DATE: July 24, 2026

TO: All Prospective Bidders

RE: Revised Technical Specifications, Section 131140

The purpose of this Addendum No. 2 is to provide Revised Technical Specifications for Section 131140 as it pertains to the Request for Bids (RFB) issued on July 1, 2026 by Marinwood Community Services District for the “Marinwood CSD Community Pool & Wading Pool Replaster and Renovation Project.” All other technical specifications shall remain as originally issued. This Addendum shall be considered a part of the aforementioned RFB and shall be incorporated therein.

REVISED TECHNICAL SPECIFICATIONS, SECTION 131140

On the pages that follow, please see the Revised Technical Specifications, Section 131140 for this project.

SECTION 131140 - SWIMMING POOL PLASTER

PART 1 - GENERAL

1.1 REFERENCE

- A. Requirements in Addenda, Alternates and Conditions collectively apply to this work.

1.2 DESCRIPTION

- A. Principal Work Items Are:

1. Swimming pool plaster finish.
2. Swimming pool start-up and maintenance.

- B. Related Work Specified Elsewhere:

1. Section 131100 – Swimming Pool Contractor General Requirements
2. Section 131109 – Swimming Pool Start Up
3. Section 131120 – Swimming Pool Cast-In-Place Concrete
4. Section 131125 – Swimming Pool Cementitious Waterproofing
5. Section 131130 – Sealants and Caulking
6. Section 131145 – Swimming Pool Trim Tile

1.3 SUBMITTALS

- A. All submittals shall be made in accordance with the requirements of Division 1 - General Requirements and in strict compliance with the following procedures and guidelines.
- B. Procedure: The Contractor shall submit to the Engineer at least four weeks prior to the start of plaster installation the procedure for initial fill and chemical dosing for initial water chemistry balancing.
- C. Samples: Provide 4 in minimum sample at the site showing color and texture for pool plaster. Finished plasterwork shall match the approved sample panel.
- D. Certificates: Submit certificates attesting that the materials furnished meet the requirements specified herein.
- E. Test Report: Submit results of domestic water analysis.

1.4 PRODUCT DELIVERY AND STORAGE

- A. Deliver manufactured materials to site in manufacturers' original unbroken packages or containers bearing manufacturers' name and brand labels. Keep cementitious

materials dry until ready to be used and stored off the ground, under cover, and away from damp surfaces.

1.5 JOB CONDITIONS

- A. Apply plaster in exterior swimming pool only when ambient temperature is above 40 °F and below 90 °F, and protect applied plaster from rapid drying by sun or wind until curing is completed or pool is filled with water.
- B. Do not install plaster during rain. Do not begin plastering if there is a chance of rain within 24hrs of the plastering. If it begins to rain during the plastering process, see section 1.06 "Protecting plaster in unanticipated circumstances".
- C. Do not install plaster if the wind conditions are greater than 10 MPH. Do not begin plastering if there is a chance of 10MPH or greater wind within 24hrs of the plastering. If the wind raises above 10MPH during the plastering process, see section 1.06 "Protecting plaster in unanticipated circumstances".
- D. Make every effort to apply plaster as late in the construction schedule as possible to avoid staining or damage to the finish.
- E. Protect interior plaster applications from construction debris. Stains or damage occurring as a result of inadequate care may result in the rejection of the installation and require complete removal and re-installation at the contractor's expense.

1.6 PROTECTING THE PLASTER DURING UNANTICIPATED WEATHER EVENTS

- A. If the weather becomes a threat to the plaster during the plastering process before the plaster has cured, the following steps shall be followed
 - 1. Plaster already placed shall be protected until cured.
 - 2. Plastering shall continue until the plaster abuts tilework. Plastering should then stop until the weather turns favorable. All plasterwork shall be protected until cured.
 - a. There shall be no cold joints in the plaster

1.7 WARRANTY

- A. Manufacturer's Warranty: Provide a five (5) year limited warranty on materials, provided the product is registered within 30 days of installation.
 - 1. Manufacturer agrees to replace or refund the purchase price of nonconforming products that fail within the specified warranty period.
- B. Applicator's Warranty: Provide a two (2) year workmanship warranty from the applicator.

- C. Limitations: Warranty does not cover issues caused by improper chemical maintenance, structural failure, freeze/thaw damage, or acts of God.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Portland Cement: ASTM C150, Type I White Portland cement. Manufacturer, Federal Cement.
- B. Hydrated Lime: ASTM C206, Type S.
- C. Aggregate: Georgia Marble Pool Aggregate, Riverside Premium Pool Aggregate, or approved equal. Mix per manufacturer's recommendations for specific application. If an onsite mix is used, aggregate must be white marble dust uniformly graded within the following limits, all passing the No. 30 sieve:
- D. Color: Swimming Pool plaster shall be white in color.
- E. Water: Clean, fresh, from domestic potable source, free from injurious amounts of acid, alkali, and organics.

2.2 PROPORTIONS AND MIXING

- A. Materials are specified on a volume basis and shall be measured in approved containers that will insure that the specified proportions will be controlled and accurately maintained during the progress of the work. Measuring materials with shovels ("shovel count") is not permitted.
- B. White Marble Pool Plaster Finish Coat: Mix finish in proportion of one part by volume of White Portland cement to not more than two parts by volume of sand (specified white marble dust).
- C. Mixing: Perform mixing in approved mechanical mixers of the type in which quantity of water can be controlled accurately and uniformly. While mixer is in continuous operation, charge approximately 90% of estimated quantity of water, half of sand, all cement, and the other one-half of the sand into mixer in that sequence and mix thoroughly with remainder of water until mixture is uniform in color and consistency. Avoid excess mixing to prevent hasty solution of cement resulting in accelerated set. Discard plaster which has begun to set before it is used; re-tempering is not allowed. Do not use any caked or lumpy materials. Completely empty mixer and mixing boxes after each batch is mixed and keep free of old plaster.

PART 3 - EXECUTION

3.1 PREPARATION OF SURFACES

A. Removal of existing plaster and tile

1. All surfaces to receive new plaster shall be stripped of all existing finishes, including plaster and tile, by use of hydroblasting, a chipping gun or by picking down to the bare concrete. Expose a clean rough surface to receive new plaster.

B. Clean base surfaces of projections, dust, loose particles, grease, bond breakers, and foreign matter; make sufficiently rough to provide a strong mechanical bond.

1. Do not apply plaster directly to the surfaces of masonry or concrete that is coated with any membrane-forming curing compound or similar agent until compound or agent is completely removed by sandblasting.
2. Thoroughly wash entire surface with 6,000 psi high-pressure water immediately prior to plastering.
3. Wet cementitious base surfaces with a fine fog water spray to produce a uniformly moist condition. Ensure no visible water is present on the surface when the pool finish is applied. Check screeds, pool equipment, and accessories for correct alignment before plastering is started.
4. Do not apply plaster to base surfaces containing frost.
5. Install temporary coverings as required to protect adjoining surfaces from staining or damage by plastering operations.

C. External project considerations

1. The pool mechanical equipment shall be operational.
2. The health department and/or other governing agencies shall have approved the pools or spas for plaster.
3. All chemicals required to balance the pool are onsite and ready to be used.
4. All pool related piping have been flushed.
5. Provide initial cleaning of the surge tank and overflow perimeter skimming system (gutter) of all loose debris and sediment.
6. Decking work is complete.
7. The pool is protected from any cleaning or additional construction work to be completed that may introduce debris into the pool area.

D. The Contractor shall confirm all chemicals necessary for initial pool balance are on site 3 days prior to the start of plaster application.

3.2 APPLICATION OF PLASTER

- #### A. General:
- Apply finish plaster to minimum 3/8 in thickness at any location. Apply finish plaster by hand or machine. If plastering machine is used, control fluidity of plaster to have a slump not exceeding 2-1/2 in when tested using a 2 in x 4 in x 6 in high slump cone. Do not add additional water to the mix subsequent to determining water content to meet this slump. Perform slump test according to following procedure:

1. Place cone on level, dry, non-absorptive base plate.
2. While holding cone firmly against base plate, fill cone with plaster taken directly from hose or nozzle of plastering machine, tamping with a metal rod during filling to release all air bubbles.
3. Screed off plaster level with top of cone. Remove cone by lifting it straight up with a slow and smooth motion.
4. Place cone in a vertical position adjacent to freed plaster sample using care not to disturb base plate.
5. Lay straightedge across top of cone being careful not to vibrate cone; measure slump in inches from bottom edge of straightedge to the top of slumped plaster sample.

B. Workmanship:

1. Apply finish plaster in no less than two coats by "double-back" method with second coat applied as soon as first coat is tamped and initially floated. Apply plaster with sufficient pressure to provide a good bond on bases.
2. Work plaster to screeds at intervals of from 5 ft to 8 ft, or closer as required on curved surfaces.
3. Finish plaster to tolerance of -0 to +1/8 inch in thickness on curved surfaces and to 1/8 in in 8 feet on straight surfaces.
4. Apply smooth trowel finish without waves, cracks, trowel marks, ridges, pits, crazing, discoloration, projections, or other imperfections. Form plaster carefully around curves and angles, well up to screeds.
5. Take special care to prevent sagging and consequent drooping of applications. Produce surfaces free of visible junction marks in finish coat where one day's work adjoins another.

C. Curing: Cure plaster with fine fog water spray applied to finish coat as frequently as required to prevent dry-out of plaster. Keep plaster damp until pool is filled. Prevent damage or staining of plaster.

D. Patching, Pointing, and Cleaning Up:

1. Upon completion, cut out and patch loose, cracked, damaged, or defective plaster; patches matching existing plaster in texture, color, and finish, flush with adjoining plaster.
2. Perform pointing and patching of surfaces and plasterwork abutting or adjoining any other finish work in a neat and workmanlike manner. If 10% or more of the pools plaster finish is found to be defective, the plaster shall be removed and replaced completely for the entire pool.
3. Remove plaster droppings, voids, holes or spattering from all surfaces. Leave plaster surfaces in clean, unblemished condition ready for pool filling. Remove protective coverings from adjoining surfaces. Remove rubbish and debris from the site.

3.3 START-UP SPECIFICATIONS

- A. Contractor shall employ a qualified water testing agency to analyze the domestic water with which the pool will be filled within 2 weeks of the plaster date, and shall employ a

swimming pool experienced, water chemistry consultant to determine types and quantities of chemicals required to ensure calcium-balanced water immediately upon the completion of water filling.

1. Have on hand quantities of the chemicals as determined above, plus 25% overage for follow-up treatment. These chemicals, typically including calcium chloride, bicarbonate of soda, and muriatic acid, are in addition to standard chlorine/chlorine products and alkalizer/pH control products required elsewhere.
- B. Care shall be taken in filling the pool to assure that the water source is clean and potable and free of contaminants that could stain the fresh plaster. Flush all water lines that have not been in continuous operation before filling the pool.
- C. The pool shall not be plastered until the filtration system and chlorination system are complete and ready for start-up.
 1. Contractor shall notify the Owner in writing of start-up at least two weeks prior to the plaster date.
 2. The Owner is responsible for supplying chlorine/chlorine products and alkalizer/pH control products for maintenance of the pool by the automatic treatment systems.
 3. Should these automatic treatment systems fail or if the Contractor fails to notify the Owner as required, the Contractor shall supply all chemicals required for manual treatment of the pool water.
- D. Contractor shall maintain swimming pool for a minimum 14 consecutive days in conjunction with the mechanical system operational test.
 1. This maintenance period shall be extended with the mechanical system operational test if required per specifications.
 2. During this time, brush the entire pool plaster surface daily starting immediately after filling pool for a minimum of 5 days to remove plaster dust, periodically clean grates until no further accumulation of foreign material occurs, and add chemicals as required for acceptable water quality.
 3. The pool shall be vacuumed to maintain a clean and new condition throughout the minimum 14-day period starting no sooner than 5 days after the date of plaster.
 4. In no instance, shall the pool maintenance and cleaning responsibilities cease prior to gainful occupancy of the entire facility by the Owner.
 5. After successful conclusion of the mechanical system operational testing, clean grates, vacuum pool, and leave the pool ready for use.
- E. Clean-Up
 1. Before the contractor leaves the site, the site shall be cleaned of all debris created due to the work. The site shall be left in a presentable condition, as determined by the owner or owners representative.

END OF SECTION 131140