

ADDENDUM NO. 1

Date: March 16, 2023

PROSPECTOR PARK PROJECT

Bids to be received: **2:00 P.M., Thursday, March 30, 2023**

This Addendum is applicable to the work designated herein and shall be a part of and be included in the Contract. The Contractor shall acknowledge his/her acceptance of this addendum by initialing the line designated 'Acknowledge Addenda' at the end of the Sealed Proposal Form. All other provisions of the Project Manual shall remain in effect.

- Item #1. Addition:** Specifications Section 32 18 23 – Outdoor Sports Court Markings.
This specification section is now included.
- Item #2. Change:** Specifications Table of Contents
- Item #3. Addition:** Irrigation Installation Checkpoint List.
- Item #4. Addition:** Mandatory Pre-Bid Sign-In Sheet from March 16, 2023.

This Addendum consists of 11 pages. This addendum, Specification Section 32 18 23 Outdoor Sports Court Markings, updated specification Table of Contents, Irrigation Installation Checkpoint List and Mandatory Pre-Bid Sign-In Sheet.

This concludes Addendum #1.

**SECTION 32 18 23
OUTDOOR SPORTS COURT
MARKINGS**

PART 1 - GENERAL

1.01 SUMMARY

A. General Description:

1. Textured acrylic surfacing for asphalt sports courts (tennis and basketball)

1.02 RELATED SECTIONS

A. General and Project Conditions of the Bid Documents

1.03 REFERENCES

- A. American Sports Builders Association (ASBA)
- B. United States Tennis Association (USTA)
- C. International Tennis Foundation (ITF)

1.04 QUALITY ASSURANCE

- A. Surfacing shall conform to the guidelines of the ASBA for planarity.
- B. Curing compounds should not be used unless the curing compound manufacturer specifically states the surface may be coated with water based acrylic coating.
- C. All surface coating products shall be supplied by a single manufacturer.
- D. The contractor shall record the batch number of each product used on the site and maintain it through the warranty period.
- E. The contractor shall provide the inspector, upon request, an estimate of the volume of each product to be used on the site.
- F. The manufacturer's representative shall be available to help resolve material questions.

1.05 SUBMITTALS

- A. Per the Supplementary Conditions of the Contract Documents.
- B. Manufacturer specifications for components, color chart and installation instructions.
- C. Authorized Applicator certificate from the surface system manufacturer.
- D. ITF classification certificate for the system to be installed.
- E. Reference list from the installer of at least 3 projects of similar scope done in the past 3 years, including at least 4 site photos and current references.
- F. Current Material Safety Data Sheets (MSDS).
- G. Product substitution: If other than the product specified, the contractor shall submit at least 7 days prior to the bid date a complete type written list of proposed substitutions with sufficient data, drawings, samples and literature to demonstrate to the owner's satisfaction that the proposed substitution is of equal quality and utility to that originally specified. Information must include QUV test of at least 1000 hours illustrating the UV stability of the system. Test method similar to ASTM G53. The color system shall have an ITF pace rating in Category 2. Under no circumstances will systems from multiple manufacturers be considered.

1.06 MATERIAL HANDLING AND STORAGE

- A. Store materials in accordance with manufacturer specifications and MSDS.
- B. Deliver product to the site in original unopened containers with proper labels attached.
- C. All surfacing materials shall be non-flammable.

1.07 INSTALLER QUALIFICATIONS

- A. Installer shall be regularly engaged in construction and surfacing of acrylic tennis courts, play courts or similar surfaces.
- B. Installer shall be an Authorized Applicator of the specified surface system.
- C. Installer shall be a builder member of the ASBA.

1.08 MANUFACTURER QUALIFICATIONS

- A. System manufacturer shall provide documentation that the surface to be installed has been classified by the ITF as a medium pace surface.
- B. System manufacturer shall be a US owned company.
- C. System manufacturer shall be a member of the ASBA.

PART 2 - PRODUCTS

2.01 GENERAL

- A. Multi-part acrylic color and surfacing system, consisting of multiple products designed and manufactured to be used together to comprise a complete surfacing system. All products used must be manufactured by the same company. Systems/Manufacturers:
 - 1. Plexipave Systems Plexipave System as manufactured by California Products Corp., Andover, MA. 01810. Contact Bob Deller, 775.829.0719.
 - 2. Laykold Colorcoat System, as manufactured by Advanced Polymer Technology Corporation, 109 Conica Lane, P.O. Box 160, Harmony PA 16037, 724.452.1330.
 - 3. Novacrylic 4-Coat Color System, as manufactured by Nova Sports U.S.A., Inc., 6 Industrial Road, building #2, Milford MA, 01757, 508-473-6540.
 - 4. SportMaster Color Plus System, as manufactured by SportMaster, P.O.Box 2277, Sandusky, OH 44870, 800.395.7325.
 - 5. Substitutions: Submit requests at least 7 days prior to the bid date with a complete type written list of proposed substitutions with sufficient data, drawings, samples and literature to demonstrate to the owner's satisfaction that the proposed substitution is of equal quality and utility to the specified product. Information must include a QUV test of at least 1000 hours illustrating the UV stability of the system. The system shall have an ITF pace rating in Category 2.
- B. Use dry material to avoid foaming. Mix uniformly.
- C. Base Course: In accordance with Caltrans Standard Specifications, Section 39.
- D. Wearing Course: In accordance with Caltrans Standard Specifications, Section 39.

2.02 MATERIALS

- A. Patching mix – for use in patching cracks, holes, depressions and other surface imperfections.
- B. Crack Filler – for use in filling fine cracks.
- C. Acrylic Filler Course – for use as a filler for new or existing asphalt surfaces. The 100% acrylic filler shall be blended with approved silica sand.
- D. Acrylic Color Playing Surface – for use as the finish color and texture.
- E. Line Paint – for use as the line marking on the court/play surface.
- F. Water – for use in dilution/mixing shall be clean and potable.

2.03 MATERIAL SPECIFICATIONS

- A. Court Patch Binder – 100% acrylic resin blended with Portland cement and silica sand.
 - 1. Percent solids by weight (minimum) 46%

2. Weight: 8.7 – 8.9 lbs./gallon
- B. Crack Filler – 100% acrylic resin heavily filled with sand.
 1. Percent solids by weight (minimum) 85%.
 2. Percent solids by weight (minimum) 15 lbs./gallon
- C. Acrylic Resurfacer – 100% acrylic resin (no vinyl copolymerization constituent). The product shall contain not less than 3.5% attapulgite.
 1. Percent solids by weight (minimum) 26.7%
 2. Weight 8.7 – 8.9 lbs./gallon
- D. Colored Acrylic Coating – 100% acrylic resin (no vinyl copolymerization constituent) with selected light fast pigments. Green shall contain not less than 8% chrome oxide.
 1. Percent solids by weight (minimum) 36.5%
 2. Weight 10.0 – 10.2 lbs./gallon
- E. Colored Texture Base – 100% acrylic resin containing no vinyl copolymerization constituent. Contains not more than 63% rounded silica sand.
 1. Percent solids by weight (minimum) 74%
 2. Weight 1.1 – 14.1 lbs./gallon
- F. Line Paint – 100% acrylic resin containing no alkyds or vinyl constituents. Texturing shall be rounded silica sand.
 1. Percent solids by weight (minimum) 60.5%
 2. Weight 12-12.3 lbs./gallon

2.04 MATERIAL SPECIFICATIONS, GENERAL

- A. All surfacing materials shall be non-flammable and have a VOC content of not less than 100g./ltr. Measured by EPA method 24. Local sands are not acceptable in the color playing surface.

PART 3 - EXECUTION

3.01 GENERAL

- A. Weather limitations
 1. Do not install when rainfall is imminent or extremely high humidity prevents drying.
 2. Do not apply unless surface and air temperature are 50° F and rising.
 3. Do not apply if surface temperature is in excess of 140° F.
- B. Manufacturer's Directions
 1. Follow all manufacturer's directions for specific products and system used. The following is listed as a guide to the work. Minor differences between manufacturer's instructions may exist and shall be accommodated at no additional cost to the City.

3.02 PREPARATION FOR ACRYLIC COLOR PLAYING SYSTEM

- A. Clean surfaces of loose dirt, oil, grease, leaves, and other debris in strict accordance with manufacturer's directions. Pressure washing will be necessary to adequately clean areas to be coated. Any areas previously showing algae growth shall be treated with Clorox or approved product to kill the organisms and then be properly rinsed.
- B. Holes and cracks: Cracks and holes shall be cleaned and a suitable soil sterilant, as approved by the owner, shall be applied to kill all vegetation 14 days prior to use of Court Patch Binder according to manufacturer's specifications.
- C. Depression: Depressions holding enough water to cover a five-cent piece shall be filled with Court Patch Binder Patching Mix. 3 gallons of Court Patch Binder, 100 lbs. 60-80 silica sand, 1 gallon

Dry Portland Cement (Type I). This step shall be accomplished prior to the squeegee application of Acrylic Resurfacer. The contractor shall flood all the courts and then allow draining. Define and mark all areas holding enough water to cover a nickel. After defined areas are dry; prime with tack coat mixture of 2 parts water/1 part Court Patch Binder. Allow tack coat to dry completely. Spread Court Patch Binder mix true to grade using a straight edge (never a squeegee) for strike off. Steel trowel or wood float the patch so that the texture matches the surrounding area. Never add water to mix. Light misting on surface and edges to feather in is allowed as needed to maintain work ability. Allow to dry thoroughly and cure.

D. NO WORK FROM THIS STAGE ON SHALL COMMENCE UNTIL THE SURFACE HAS BEEN ACCEPTED.

E. Filler Course: (Acrylic Resurfacer): On the properly applied primer coat the filler course shall be applied to the clean underlying surface in one application to obtain a total quantity of not less than .06 gallon per square yard based on the material prior to any dilution. Acrylic Resurfacer may be used to pre-coat depression and crack/hole repairs to achieve better planarity prior to filler course application.

1. Over a properly repaired surface of asphalt on existing courts, apply one coat of Acrylic Resurfacer according to the following mix:

Acrylic Resurfacer	55 gallons
Water	20 - 40 gallons
Sand	600-800 pounds / 60-80 mesh
Liquid Yield	112-138 gallons

On new asphalt, two coats of Acrylic Resurfacer may be used to properly fill all voids in the asphalt surface. Use clean, dry 50-60 mesh sand and clean, potable water to make mixes. The quantity of sand and water in the above mix may be adjusted within above limits to complement the roughness and temperature of the surface.

2. Mix the ingredients thoroughly using accepted mixing devices and use a 70 Durometer rubber bladed squeegee to apply each coat of Acrylic Resurfacer as required.
3. Allow the application of Acrylic Resurfacer to dry thoroughly. Scrape off all ridges and rough spots prior to any subsequent application of Acrylic Resurfacer or subsequent cushion or color surface system.

3.03 APPLICATION OF ACRYLIC COLOR PLAYING SURFACE

- A. All areas to be color coated shall be clean, free from sand, clay, grease, dust, salt or other foreign matters. The Contractor shall obtain the City's Representative's approval, prior to applying any surface treatment.
- B. Blended texture color base and acrylic coating with a mechanical mixer to achieve a uniform Fortified mixture. The mix shall be:

Color Base	30 gallons
Colored Coating	20 gallons
Water	20 gallons
- C. Applications shall be made by 50 durometer rubber faced squeegees. The Fortified Plexipave mixture should be poured on to the court surface and spread to a uniform thickness in a regular pattern.
- D. A total of 3 applications of Fortified mixture shall be made to achieve a total application rate of not less than 0.15 gal./sq. No application should be made until the previous application is thoroughly dry.

3.04 LINE PAINTING

- A. Line shall be 2" wide unless otherwise noted on the drawings. Lines shall be carefully laid out in accordance with ASBA and USTA guidelines. The area to be marked shall be taped to insure a crisp line. The Line Paint shall have a texture similar to the surrounding play surface. Application shall be made by brush or roller at the rate of 150-200 sq./gal. (3/4 gal. per tennis court).

3.05 PROTECTION

- A. Erect temporary barriers to protect coatings during drying and curing.
- B. Lock gates to prevent use until acceptance by the City's representative.

3.06 CLEAN UP

- A. Remove all containers, surplus materials and debris. Dispose of materials in accordance with local, state and Federal regulations.
- B. Leave site in a clean and orderly condition.

END OF SECTION
32 18 23

TECHNICAL SPECIFICATIONS – TABLE OF CONTENTS

DIVISION 02 – EXISTING CONDITIONS

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DIVISION 04 – MASONRY

04 22 00 CONCRETE UNIT MASONRY

DIVISION 05 – METALS

05 50 00 METAL FABRICATIONS

DIVISION 09 – FINISHES

09 90 00 PAINTING AND COATING

09 96 23 GRAFFITI RESISTANT COATINGS

DIVISION 12 – FURNISHINGS

12 93 00 SITE FURNISHINGS

DIVISION 13 – SPECIAL CONSTRUCTION

13 26 00 PREMANUFACTURED RESTROOM

DIVISION 26 – ELECTRICAL

26 00 00 BASIC ELECTRICAL REQUIREMENTS

26 00 60 POWER SYSTEM STUDY

26 05 19 BUILDING WIRE AND CABLE

26 05 26 GROUNDING AND BONDING

26 05 33 BOXES

26 05 43 UNDERGROUND DUCTS AND STRUCTURES

26 05 53 ELECTRICAL IDENTIFICATION

26 24 13 SWITCHBOARDS

26 24 16 PANELBOARDS

26 27 26 WIRING DEVICES

26 28 16 OVERCURRENT PROTECTIVE DEVICES

26 56 68 SPORTS FIELD LIGHTING

DIVISION 31 – EARTHWORK

31 20 00 EARTHWORK

31 22 19 FINISH GRADING

31 23 33 TRENCHING AND BACKFILLING

31 25 13 TEMPORARY EROSION CONTROLS

DIVISION 32 – EXTERIOR IMPROVEMENTS

32 12 16 ASPHALT PAVING

32 13 13 CONCRETE PAVING

32 18 16 PLAYGROUND RESILIENT SURFACING

32 18 23 OUTDOOR SPORTS COURT MARKINGS

32 31 13 CHAIN LINK FENCING
32 84 00 PLANTING IRRIGATION
32 90 00 PLANTING
32 98 00 LANDSCAPE MAINTENANCE

APPENDICES

APPENDIX A: Geotechnical Report

IRRIGATION INSTALLATION CHECKPOINT LIST

CONTRACTOR TO OBTAIN CITY REPRESENTATIVE'S SIGN OFF AT EACH ITEM LISTED BELOW BEFORE PROCEEDING TO NEXT STEP OF INSTALLATION. CONTRACTOR ASSUMES ALL COSTS IF THEY PROCEED WITHOUT OBTAINING SIGNATURE AND MUST DECONSTRUCT WORK ACCORDINGLY.

PROSPECTOR PARK FOLSOM, CA

ITEM NO.	ITEM DESCRIPTION	DATE	CITY'S REPRESENTATIVE SIGNATURE
1	CONTRACTOR TO COORDINATE A PRE-CONSTRUCTION MEETING SOLELY FOR IRRIGATION PRIOR TO ANY INSTALLATION. CITY'S REPRESENTATIVE AND LANDSCAPE ARCHITECT TO BE IN ATTENDANCE.		
2	MAINLINE MECHANICAL JOINTS: LEEMCO REPRESENTATIVE TO TRAIN CONTRACTOR & THEIR CREW ON PROPER INSTALLATION PRIOR TO CONSTRUCTION		
3	MAINLINE INSTALLATION: MAINLINE, CONTROL WIRE AND VALVE INSTALLATION AND TESTING PRIOR TO BACKFILLING		
4	VALVE INSTALLATION W/ DECODERS: 1 DECODER PER VALVE MAX.		
5	CONTROLLER LOCATION: FINAL LOCATION TO BE FIELD VERIFIED AND CONFIRMED WITH CITY REPRESENTATIVE PRIOR TO INSTALLATION		
6	LATERAL LINE AND SPRINKLER INSTALLATION		
7	COVERAGE TEST		
8	GPS ALL VALVES, MAINLINES, LATERALS AND QCVS. PROVIDE INFORMATION TO CITY'S REPRESENTATIVE		
9	2-WIRE CONDUIT: CONTRACTOR TO DUCT SEAL AT CONTROLLER AND EVERY CONDUIT THAT 'SEES' AIR		
10	CONTRACTOR TO COORDINATE 3 HOURS OF TRAINING FOR CITY'S PARK'S DEPARTMENT MAINTENANCE & OPERATIONS STAFF		
11	FINAL INSPECTION		

Prospector Park Project
Mandatory Pre-Bid Meeting

SIGN-IN SHEET
10:00 am March 16, 2023

Company Name	Representative's Name	Email	Phone #
KVA Services LLC	christophe Kiene	christopher.kiene@the kyogroup.com	910-617-1230
Marina Landscape	Sergio Lanusa	Slanusa@marinaco.com	657-592-0172
The Design Build Inc.	Manzer Design	info@designsbuilt.com	916.712.1314
Olympic Land Con.	Jeffrey Smith	estimating@ olympicland.com	916.972-7108
PARKER LANDSCAPE	DAN Rimmelle	DAN.Rimmelle @ PARKERLAND.BIZ	916 202-8177
Creative Builders	Kent Vrety	Kent@whobuilt. biz	707 835-3404
FRAYTI DESIGN GROUP	Anthony Cummings	Acummings@frayti.com	916.782.3000
Flexground	Edgar Ortega	edgar@flexground.com	916-990-2013
Abide Builders, Inc.	Chris Pizzo	bids@abidebuilders.com	916-375-1000

Prospector Park Project
Mandatory Pre-Bid Meeting

SIGN-IN SHEET
10:00 am March 16, 2023

Company Name	Representative's Name	Email	Phone #
SEBASTIAN	ALAN FINNEGAN	afinnegan@sebastiancorp.com	559-965-1491
BRCO Constructors Inc	Luca Lothrop	llothrop@gobrc.com	916 253 9773
TJR RESOURCES	Tom NORDYKE	Tom.NORDYKE@TJRRESOURCES.com	541-961-0394
TJR RESOURCES	TOM MURPHY	tom.murphy@tjrresources.com	916-752-6019
Thant ^{Marine} Ta Landscape	Thant Ta	TTa@marinac.com	626-217-8916