

CERTIFICATE OF ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM

THE CITY OF READING

ADDENDUM NO. 1 BID :

11th and Pike Playground

Phase II Improvements

DUE DATE:

3:00 P.M. Prevailing Time,
August 17, 2015

NOTICE

This addendum must be signed, attached to, and returned with your proposal to the City of Reading by the time and date indicated ABOVE:

1. REVISED BID SCHEDULE

THE BID SCHEDULE IS REVISED AS FOLLOWS:

ADDITIONAL QUESTIONS DUE AUGUST 7, 2015 BY 2:00 PM PREVAILING TIME.

ADDENDUM NO. 2 ISSUED AUGUST 13, 2015

BIDS DUE AUGUST 17, 2015 AT 3:00 PM PREVAILING TIME AS DESCRIBED BELOW.

The City of Reading will receive sealed proposals in the Office of the City Purchasing Coordinator, Rm. 2-45, City Hall, 815 Washington Street, Reading, PA., until 3:00 p.m., prevailing time on August 17, 2015 for the 11th and Pike Playground Phase II Improvements Project for the City of Reading, Pennsylvania, as per specifications on file in the Office of the Purchasing Coordinator.

2. QUESTIONS

Q1. Is there an official project number for this project?

A.1 No

Q 2. My question is going thru the specifications I cannot locate a duration time line, all I have been able to find is the awarded contractor submitting a construction schedule indicating a time line, has the owner established a contract duration? If not and the contractor is to establish this thru a schedule how can the city levee a penalty on the contractor?

A.2 The completion date is 60 days from the Advanced Notice to Proceed.

Q3.I found minority goals and percentages, can you define this are they goals or must the percentages be met to qualify the bid? I will solicit minorities but as in the past getting a response and or quote has been found to be difficult if not impossible, must the bidder present a list of solicited subcontractors and or vendors with the bid?

A3. All bidders are required to comply with the Affirmative Action requirements in the bid specifications. The selected contractor will be required to notify the Office of Federal Compliance Programs.

Q4.Please define this paragraph as listed in the specification section INSTRUCTIONS TO BIDDERS; SUBCONTRACTS The Contractor will not be allowed to subcontract work under this contract unless written approval is granted by the City. The Subcontractor, as approved, shall be bound by the conditions of the contract between the City and the Contractor. The authorization of a Subcontractor is to perform in accordance with all terms of the contract and specifications. All required notices, work orders, directives, and requests for emergency services will be directed to the Contractor. All directions given to the Subcontractor in the field shall bind the Contractor as if the notice had been given directly to the Contractor.

A4. The Contractor and Subcontractor are bound by all term and conditions of the contract.

Q5. Based on the below I assume any/ all layout that may be required will be provided by the City and/ or the design engineer?

G.24 LINES AND GRADES. All lines and grades will be given by the Engineer, but the Contractor shall provide such material and give such assistance therefore as may be required by the Engineer, and the marks so given shall be carefully preserved. The Contractor shall keep the Engineer informed, a reasonable time in advance, of the time and places a which he/she intends to work, in order that lines and grades may be furnished and necessary measurements for record and payment made with the minimum inconvenience to the Engineer or delay to the Contractor. No claim for extra payment will be allowed for the cost to the Contractor of any material, work or delay occasioned by giving lines and grades, or making necessary measurements or inspections, as all such cost shall be considered to have been included in the price bid for the work.

A5. No - Replacement section is as follows:

G.24 LINES AND GRADES. The Contractor shall perform and furnish all survey and stakeout required for the Work. The Contactor shall provide competent personnel under the employ of a Professional Land Surveyor (PLS) and shall provide the necessary materials and equipment for setting stakes and making measurements in order to complete the installations in accordance with the plans and specifications. The Contractor shall keep the Surveyor informed, a reasonable time in advance, of the time and places a which he/she intends to work, in order that lines and grades may be furnished and necessary measurements for records and payment made with the minimum inconvenience to the Surveyor or delay to the Contractor. No claim for extra payment will be allowed for the cost to the Contractor of any material, work or delay occasioned by giving lines and grades, or

making necessary measurements or inspections, as all such cost shall be considered to have been included in the price bid for the work.

Q6. Can you provide a list that may have been involved in other city projects associated to the current project? The web site comes back none found.

A6. I do not have a list. I can only refer them to HUD's Section 3 website.

Q7. Can you provide a list of contacts that I would access for the permits on this project?

A7. City of Reading, The Building and Trades Office

3. WORK INCLUDED WITH BID PACKET

SECTION 32 18 26 - RECREATIONAL COURT SURFACING

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes surfacing over asphalt pavement areas as follows:
 - 1. Decorative colored coatings and game lines for tennis courts.
- B. Related Sections include the following:
 - 1. Division 32 Section "Chain Link Fences and Gates": Chain link Fence and posts.
 - 2. Division 32 Section "Asphalt Pavement": Asphalt pavement.

1.2 SUBMITTALS

- A. Product Data: For each repair, coloring and striping product indicated.
- B. Samples for Verification: For each type and color of coating required. Install coating samples in 4-inch wide strips on hardboard.
- C. Product Certificates: Signed by manufacturers of coatings certifying that products furnished comply with requirements and are suitable for the use indicated.
- D. Authorized Applicator certificate from the surface system manufacturer.
- E. ITF classification certificate for the system to be installed.
- F. Reference list from the installer of at least 5 projects of similar scope done in each of the past 3 years.
- G. Current Material Safety Data Sheets (MSDS).
- H. 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 owners satisfaction that the proposed substitution is of equal quality and utility to that originally specified. Information must include a QUV test of at least 1000 hours illustrating the UV stability of the system. The color system shall have an ITF pace rating in Category 2. Under no circumstances will systems from multiple manufacturers be considered.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who has specialized in installing coatings and decorative lines similar in material, design, and extent to those indicated for this Project and whose work has resulted in installations with a record of successful in-service performance.
 - 1. Installer's Field Supervision: Require Installer to maintain an experienced full-time supervisor on Project site when pavement surface coating application is in progress, with responsibility for proper surface preparation, color selection, layout and application.
- B. Source Limitations: Obtain each type of coating through one source from a single manufacturer.

1.4 PRODUCT HANDLING

- A. Deliver materials to Project site in original unopened containers or bundles with labels indicating manufacturer, product name and designation, color, expiration date, pot life, curing time, and mixing instructions for multicomponent materials.
- B. Store and handle materials to comply with manufacturer's written instructions to prevent their deterioration or damage due to moisture, high or low temperatures, contaminants, or other causes.
- C. All surfacing materials shall be non-flammable.

1.5 GUARANTEE

- A. Provide a guarantee against defects in the materials and workmanship for a period of one year from the date of substantial completion.

1.6 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.

1.7 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.

1.8 PROJECT CONDITIONS

- A. Environmental Limitations: Do not proceed with installation of coatings under the following conditions:
1. When ambient and substrate temperature conditions are outside limits permitted by coating manufacturer or are below 50 deg F.
 2. When surfaces are wet, rain is predicted, or in high humidity.
 3. When surface temperature exceeds 140 deg F.
 4. When new paving is less than 14 days old.
 5. When surfaces are contaminated with dirt, debris, oil or grease.
- B. Coating-Substrate Conditions: Do not proceed with installation of coatings until contaminants capable of interfering with their adhesion are removed from joint substrates.

PART 2 - PRODUCTS

2.1 MATERIALS, GENERAL

- A. Compatibility: Provide coatings, sealants, and other related materials that are compatible with one another and with substrates under conditions of service and application, as demonstrated by coating manufacturer based on testing and field experience.
- B. Colors of Exposed Coatings: As indicated by referencing manufacturer's designations on Drawings. Where not indicated, as selected by Owner from manufacturer's full range of available colors.

2.2 MANUFACTURER

- A. Basis-of-Design Manufacturer: Subject to compliance with requirements provide the specified product or equivalent products by one of the following:
1. "Plexipave" brand products by California Products Corp., Andover, MA 01810 / Plexipave System: www.plexipave.com.

2.3 MATERIALS

- A. Patching Mix (California Court Patch Binder) - for use in patching cracks, holes, depressions and other surface imperfections.
- B. Crack Filler (Plexipave Crack Filler) - for use in filling fine cracks.
- C. Acrylic Filler Course (California Acrylic Resurfacer) – for use as a filler for new or existing asphalt surfaces. The 100% acrylic filler shall be blended with approved silica sand at the job site.
- D. Acrylic Color Playing Surface (Plexichrome/Plexipave Color Base) – for use as the finish color and texture. Plexichrome and Plexipave Color Base are blended at the job site to achieve the correct surface texture. *Factory Fortified Plexipave may be used as an alternative material.
- E. Line Paint (California 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.

2.3 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. Plexipave 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. California 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. Plexichrome – 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. Plexipave Color 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 13.1-14.1 lbs./gallon

- F. California 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

- G. All surfacing materials shall be non-flammable and have a VOC content of not less than 100g./ltr. Measured by EPA method 24.

- H. Local sands are not acceptable in the color playing surface. Sands must be incorporated at the manufacturing location to insure quality and stability.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine surfaces indicated to receive coatings for surface temperature, contamination, and sharp or projecting surfaces.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

- C. Do not install when rainfall is imminent or extremely high humidity prevents drying.
- D. Do not apply unless surface and air temperature are 50 deg. F and rising.
- E. Do not apply if surface temperature is in excess of 140 deg. F..

3.2 PREPARATION

- 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.

NO WORK FROM THIS STAGE ON SHALL COMMENCE UNTIL AN INSPECTOR HAS ACCEPTED THE SURFACE.

- D. Filler Course. (Acrylic Resurfacer): 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 shall 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.

3.3 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 Engineer's approval, prior to applying any surface treatment.
- B. Blend color base and Plexichrome with a mechanical mixer to achieve a uniform Fortified Plexipave mixture. The mix shall be:

| | |
|-------------|------------|
| Color Base | 30 gallons |
| Plexichrome | 20 gallons |
| Water | 20 gallons |

- C. Application 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 Plexipave shall be made to achieve a total application rate of not less than .15 gal./sq. No application should be made until the previous application is thoroughly dry.

3.4 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 California 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).

3.4 PROTECTION

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

3.6 CLEANUP

- A. Remove all materials and equipment and cleanup all residues, stockpiles, debris, mixing site area, product containers, etc., and leave site thoroughly clean and free from all evidence of the work effort.
- B. Remove spills, or coat with matching products to conceal spill, using coating materials from the same batch.

END OF SECTION 32 18 26

4 . TO BE INCLUDED WITH BID PACKET

Drawings:

Plan No. D-3.1

Base Bid – Grading & Utility Plan

1. Removed proposed pipes from Base Bid.
2. Added Note #8 to Grading Notes.
3. Added construction entrance and notes for court work.

Plan No. D-4.1

Alternates – Grading & Utility Plan

1. Added label to proposed pipes indicating part of Alternate No. 2.
2. Added Note #7 to Grading Notes.
3. Added construction entrance and notes for court work.

5. 2014-04DGN TO BE INCLUDED WITH BID PACKET



2014-040DGN.PDF

I, HEREBY CERTIFY THAT THE CHANGES COVERED BY THIS ADDENDUM HAVE BEEN TAKEN INTO ACCOUNT.

Firm Name (Type or Print) _____

Authorized Signature _____

Title _____

Name (Type or Print) _____

Date _____