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# Park Hill School District

Building Successful Futures • Each Student • Every Day

## REQUEST FOR PROPOSAL

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### **2020 Playground Surfacing – Bonded Rubber**

**Hawthorn Elementary School**

Detailed Proposal Information is Available on District Website

<http://www.parkhill.k12.mo.us>

Bid Closing Date: March 24, 2020

Bid Closing Time: 1:00 PM CST

*Park Hill School District reserves the right to reject any or all proposals and to waive informalities or irregularities in any proposal.*



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Dear Contractor:

The Park Hill School District is seeking proposals from qualified contractors to provide playground surfacing at Hawthorn Elementary School, 8200 N. Chariton Ave., Kansas City, MO 64152.

**A mandatory “pre-bid” meeting will be held at Hawthorn Elementary School on, March 10, 2020 at 9:00AM.** Hawthorn Elementary is located at: 8200 N. Chariton Ave, Kansas City, MO 64152. We will meet at the front door of the building. If you have any questions, please contact Joe Hagg at 816-359-6967.

Sealed proposals will be accepted at the Support Services office located at 9501 N. Seymour, Kansas City, MO 64153 on March 24, 2020 at 1:00 PM CST. Proposals will be opened at that time.

Proposals must be returned on the form(s) provided, with “Bid Proposal – Playground Surfacing-Bonded Rubber” clearly on the label. A proposal must consist of all pages of the proposal request including the signature page signed by an authorized representative of the firm. Non-conformance with these instructions may be grounds for rejection of proposal.

The District reserves the right to reject any and all proposals and to waive informalities.

Faxed or e-mailed proposals will not be accepted. Late proposals will be rejected, unopened and returned.

Sincerely,

A handwritten signature in black ink that reads "Jim Rich".

Jim Rich  
Director of Operations



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## General Notes

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- Installer must be certified to install bonded rubber (see Installer Specifications).
- Contractor will be responsible for measuring designated area.
- All disturbed areas must be backfilled to original elevations.
- Pending PHSD Board approval, work may begin Monday, June 8, 2020 and must be completed by August 14, 2020.
- All work not completed by August 14, 2020 shall result in a \$1,000.00 per diem penalty to be deducted by the District from final payment.
- The project is tax exempt.
- Prevailing Wages will apply. Missouri Division of Labor Standards, Wage and Hour Section, Annual Wage Order No. 24, Section 083, Platte County, or most current version will apply.
- Contractors who have not performed services for the District in the previous three years must submit a reference list including contact names and phone numbers.
- Recommendation(s) for award will go to the Park Hill School District Board of Education at the April 30, 2020 meeting. Recommended Contractor(s) will be notified as quickly as possible after the Board meeting in order to reserve a slot in contractor(s) schedule.
- The District reserves the right to accept or reject any or all bids.
- Contractor is responsible for any and all required permits.



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## PROJECT SCHEDULE

February 28, 2020	RFP published to Park Hill School District website
March 10, 2020	Mandatory Pre-Bid Meeting 9:00 AM at Hawthorn Elementary School
March 24, 2020	Sealed bids due by 1:00 PM to 9501 N. Seymour Ave, Kansas City MO 64153
April 16, 2020	Park Hill School District Board of Education: First Read - Bids, Contracts, Agreements
April 30, 2020	Park Hill School District Board of Education: Second Read and Vote
May 1, 2020	Park Hill Buildings and Grounds Department will contact board approved contractor(s) to proceed with project
June 8, 2020	Approximate work start date for Hawthorn Elementary
August 14, 2020	Work completion date



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## Playground Surfacing-Bonded Rubber Specifications

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### **LOOSE-FILL REQUIREMENTS** *(please provide with bid):*

- Anti-Fungal
- The recycled rubber playground must be made of 100% recycled tire-buffing manufactured strictly from a waste stream rubber buffing versus a crumb, chunk, or granulated particle derived from the whole tire recycling process.
- The loose-fill must not carry any unwanted characteristics of whole tire recycling including that of steel content, polyester, or cotton fibers.
- Colors shall be dyed upon the rubber buffing or pigmented; no paint or colorant coatings shall be accepted.
- Rubber particles shall range in size from 3/8" to 2".
- Averts Nesting of Insects
- Non-Absorbent
- Non-Toxic
- Does Not Deteriorate
- Maintains a Fresh Appearance
- ASTM Tested and Approved
- Meets CPSC Guidelines as a Resilient Safety Surface ADA Wheel Chair Accessibility Tested
- Flammability (ASTM D2859): Pass
- Tensile Strength (ASTM D412): 60 psi (413 kPa)
- Tear Resistance (ASTM D624): 140%
- Water Permeability: 0.4 gal/yd<sup>2</sup>/second
- Accessibility: Comply with requirements of ASTM F1951



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## **INSTALLATION:**

**Provide a single layer rubber-urethane playground surfacing system which has been designed, manufactured, and installed to meet the following criteria:**

- Install bonded rubber, to the thickness required by ASTM standard for fall height.
- Binder must be an elastic polyurethane pre-polymer with minimal odor, excellent weathering and binding characteristics.
- The use of Stockmeier PS 106 or PS 136 binder is required. Binder shall not be diluted in any way.
- Binder shall be mixed at 20-22% weight of rubber material.
- Paint thinners or diesel fuel shall not be used for lubrication nor cleaning tools on site.
- Colors must be approved by the District before installation and must consist of equal parts: Dark Green, Dark Brown and Tan.

## **INSTALLER (please provide with bid):**

- Must be a current Qualified Contractor with the NPCAI (National Playground Contractors Association)
- CPSI Certified employee must review project during construction
- Responsible to receive, store and transport all materials
- Responsible for proper disposal of all trash and packing materials
- Observe all rules pertaining to behavior on jobsite property
- Responsible for any damage to surfacing during cure time
- Provide site specific certification of compliance with current ASTM F1292 standards. On-site drop testing shall be performed in strict accordance to ASTM standards by an operator certified to operate the testing equipment per the standard. Test results shall be provided per ASTM F1292 requirements.



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## **PERFORMANCE REQUIREMENTS (please provide with bid):**

Shock Attenuation (ASTM F1292):

- GMAX: Less than 200
- Head Injury Criteria: Less than 1,000

## **TESTING (must provide results within 5 days once surfacing is cured):**

- Surfacing must be tested using Triax to meet required fall height. Results to be provided to District by Contractor.
- Value not to exceed 1,000 HIC.

## **WARRANTY REQUIREMENTS:**

- Surfacing shall be warrantied for a minimum of 1 year against failure of bonding / unraveling.
- No exclusions to warranty for normal wear and tear shall be accepted. This includes under swings, slide runouts or other high impact areas.
- Contractor shall make repairs within 5 days of being notified by owner. In the event materials are not available for repair, contractor shall be responsible to secure the site until materials are available.
- Contractor shall be responsible for warranty in the event a sub-contractor is used for the product and/or installation the installer ceases business operations during warranty period.

## **SCOPE OF WORK:**

- Remove existing rubber tile
- Add or remove AB-3 rock as necessary to meet depth requirements (Discuss with owner)
- Install a minimum 6 x 6 inch concrete border around three sides
- Install bonded rubber

# BID FORM – PLAYGROUND SURFACING – BONDED RUBBER

## Hawthorn Elementary School: Package #1

Removal and disposal of rubber tile surfacing and engineered wood fiber
Install 6x6 inch concrete border along fence
Install bonded rubber to thickness required by ASTM standard fall height
Surfacing test

**Total \$** \_\_\_\_\_

**Warranty length** \_\_\_\_\_



This **work is to be completed between June 8, 2020 and August 14, 2020.**

All work not completed by August 14, 2020 shall result in a \$1,000.00 per diem penalty to be deducted by the District from final payment.

Prices as bid on this form shall include total dollar amounts to cover work as specified, including labor, materials, overhead and profit.

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

\_\_\_\_\_

PHONE \_\_\_\_\_ FAX \_\_\_\_\_

EMAIL \_\_\_\_\_

PRINT NAME \_\_\_\_\_

SIGNATURE \_\_\_\_\_ Date: \_\_\_\_\_