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Kerrie Koopman CPPB, CPPO,  
Purchasing Manager  
**Kim Miskell, CSBO, Assistant Purchasing  
Manager**  
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Purchasing Agent  
Shane Ryberg, Purchasing Agent

## ADDENDUM

April 22, 2020

### ADDENDUM # 1

**Bid 20C14, Blue Heron Elementary School - Rebid Contract Package 9C - Fluid Applied Resinous Flooring & Terrazzo**

**DUE DATE: Thursday, April 30, 2020, prior to and no later than 2:00 P.M. at**  
**<https://secure.procurenow.com/portal/fcps>**

This addendum is being issued to provide additions, corrections, clarifications and answers to certain questions raised referencing the original proposal packages and any resultant contracts for the above bid.

1. Due to COVID-19, in order to protect our Vendors and Staff, the Purchasing Department will temporarily be accepting on-line bid submissions via [ProcureNow](https://secure.procurenow.com/portal/fcps) <https://secure.procurenow.com/portal/fcps>

To get started, [click here](#), and sign up for an account. You'll receive an email to activate your account. Then subscribe to our bids by [navigating here](#) and clicking the green subscribe button. For more information about how to register, please see our [help file](#).

2. Bids will be opened and publicly read utilizing Skype Business (formerly known as Lync):  
**(240) 236-6172 (FCPS)                      Conference ID: 7907906**
3. This Addendum includes the following attachment(s):
  - a. Revised Invitation to Bid (1 page)
  - b. Oak Contracting - Addendum 1 (9 pages)

Thank you for your interest in bidding with Frederick County Public Schools and we apologize for any inconvenience this may have caused.

Sincerely,

*Kim Miskell*

Kim Miskell, CSBO  
Assistant Purchasing Manager

KM/ab

cc: Brad Ahalt, Senior Project Manager, Construction Management

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**REVISED** - INVITATION TO BID

April 9, 2020

**Bid 20C14, Blue Heron Elementary School - New Construction - Re-Bid Contract Package 9C -  
Fluid Applied Resinous Flooring & Terrazzo**

The Board of Education of Frederick County will receive sealed bids for Bid ~~20C5~~ **20C14**, Blue Heron Elementary School - New School Construction - **Re-Bid Contract Package 9C - Fluid Applied Resinous Flooring & Terrazzo**

**Due to COVID-19, in order to protect our Vendors and Staff, the Purchasing Department will temporarily be accepting on-line bid submissions via ProcureNow <https://secure.procurenow.com/portal/fcps>**

**To get started, click here, and sign up for an account. You'll receive an email to activate your account. Then subscribe to our bids by navigating here and clicking the green subscribe button. For more information about how to register, please see our help file.**

**Bids for the following package: 9C Fluid Applied Resinous and Terrazzo Flooring, will be received no later than 2:00 p.m. local time, April 30, 2020. Bids will be opened and publicly read utilizing Skype Business (formerly known as Lync):  
(240) 236-6172 (FCPS) Conference ID: 7907906**

Bids received after this time will be returned unopened.

A pre-bid meeting will not be held. In lieu of a pre-bid meeting, potential bidders are requested to submit questions in writing to the Contract Manager listed above with a copy to the Contract Administrator and Construction Manager, no later than 4:00 P.M., local time on April 22, 2020.

All Frederick County Public School vendors and or contractors interested in bidding on FCPS projects must register at [www.emarylandmarketplace.com](http://www.emarylandmarketplace.com). FCPS will no longer accept bidder's applications.

To view and/or download this solicitation package please visit our webpage at: <http://www.fcps.org/bidlist>.

Certified Minority Business Enterprises are encouraged to respond to this solicitation notice. The contractor or supplier who provides materials, supplies, equipment and/or services for this construction project shall attempt to achieve the specific MBE goal for each contract package listed below. All prime contractors, including certified MBE firms, when submitting bids or proposals as general or prime contractors, are required to attempt to achieve this goal from certified MBE firms.

Bids are being requested for the following contract package: 9C Fluid Applied and Terrazzo Flooring {Terrazzo as an Alternate}  
(2% MBE Goal)

This project will be bid with Prevailing Wage Rates.

The Frederick County Public Schools System does not discriminate in admissions, access, treatment, or employment in its programs and activities on the basis of race, color, gender, age, national origin, religion, or disability. For more information, contact the Executive Director of Legal Services.

The Board of Education of Frederick County, Maryland, reserves the right to reject any and all bids and to waive any informalities or irregularities in bidding.

By order of the Board of Education of Frederick County, Maryland.

Purchasing Agent: Kim Miskell, CSBO  
Assistant Purchasing Manager



## **ADDENDUM NO. 1**

April 21, 2020

TO: ALL PLANHOLDERS AND PROSPECTIVE BIDDERS

RE: **BID 20C14, BLUE HERON ELEMENTARY SCHOOL – NEW CONSTRUCTION – RE-BID  
CONTRACT PACKAGE 9C – FLUID APPLIED RESINOUS FLOORING & TERRAZZO**

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated March 9, 2020. Acknowledge receipt of this Addendum in the space provided on the Form of Proposal.

### **General:**

See attached Oak Contracting Pre-Bid RFI's, numbered 012 and 013 (8 pages).

### **Changes to the Specifications:**

#### **Section 00 2416 Contract Packages**

##### ***Contract Package 9C Fluid Applied Resinous Flooring & Terrazzo:***

Delete Item 1.19 in its entirety.



Blue Heron Elementary School (1902)

7100 Eaglehead Drive  
New Market, MD 21774

012 - 9C REBID PB-RFI 001 - Kitchen Finish Clarification

## Subject

9C REBID PB-RFI 001 - Kitchen Finish Clarification

## Status

Closed ●

## Discipline

## Importance

## Location

## Created On

04/20/2020

## Due Date

04/27/2020

## Date Resolved

04/20/2020

## Author

Kerrigan Toth  
Oak Contracting LLC

## Resolved By

Scott Moir  
GWWO, Inc.

## QUESTION

 Kerrigan Toth on 4/20/2020 09:08 AM

See question below from Atlascopco:

Please confirm floor/base finish required for Walk in Boxes is now intended to be Resinous floors , because in above refereed specification section

11 4000 mentioned in the revised scope calls for sheet flooring.



File

9cpackagetitem.png  
Kerrigan Toth

## COMMENT

 Kerrigan Toth on 4/20/2020 09:09 AM

GWWO to confirm that the flooring in the walk-in is in fact sheet goods. Also, please provide type of cove base.

## ANSWER

 Scott Moir on 4/20/2020 12:57 PM

The flooring INSIDE the box is a sheet flooring with integral cove base per Addendum No. 02 of the original bid.

## ASSIGNMENTS

Scott Moir (GWWO, Inc.) Done On 4/21/2020

Idella Crenshaw (GWWO, Inc.) Done On 4/21/2020

Tracey Brown (GWWO, Inc.) Done On 4/21/2020

9cpackageItem.png

1.19 SC Contractor shall furnish and install setting bed, finish floor, and cove base for the walk-in boxes as required in the Contract Documents and Specification Section 11 4000. This direction supersedes any other reference in the Contract Documents.



Blue Heron Elementary School (1902)

7100 Eaglehead Drive  
New Market, MD 21774

013 - 9C REBID PB-RFI-002 - SUBSTITUTION REQUEST

## Subject

9C REBID PB-RFI-002 - SUBSTITUTION REQUEST

## Status

Closed ●

## Discipline

## Importance

## Location

## Created On

04/20/2020

## Due Date

04/27/2020

## Date Resolved

04/20/2020

## Author

Kerrigan Toth  
Oak Contracting LLC

## Resolved By

Scott Moir  
GWWO, Inc.

## QUESTION

 Kerrigan Toth on 4/20/2020 08:54 AM

Please see attached substitution request from Atlascopco for your review.



File

9C Subrequest.pdf  
Kerrigan Toth

## COMMENT

 Bradley Ahalt on 4/20/2020 02:33 PM

FCPS does not have any objections to the Sika Product as long as the integral and continuous base is provided up the wall.

Thanks,

Brad

## ANSWER

 Scott Moir on 4/20/2020 12:58 PM

This is acceptable to GWWO. Defer to FCPS for final approval.

## ASSIGNMENTS

Scott Moir (GWWO, Inc.) Done On 4/21/2020

Idella Crenshaw (GWWO, Inc.) Done On 4/21/2020

Francine Michaelson (GWWO, Inc.) Done On 4/21/2020

Tracey Brown (GWWO, Inc.) Done On 4/21/2020





# SUBSTITUTION REQUEST

Project: BHES Substitution Request Number: 1  
Rebid oac  
 To: Oak. From: Atlasopis Const.  
 Date: 4-20-20.  
 Re: A/E Project Number: \_\_\_\_\_  
 Contract For: \_\_\_\_\_

Specification Title: Fluid Applied Floor Description: \_\_\_\_\_  
 Section: 96700 Page: 2 Article/Paragraph: 2.1A

Proposed Substitution: Sika Floor DecoFlake System.  
 Manufacturer: SIKA Address: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Trade Name: \_\_\_\_\_ Model No.: \_\_\_\_\_  
 Installer: \_\_\_\_\_ Address: \_\_\_\_\_ Phone: \_\_\_\_\_

History: ☐ New product ☐ 2-5 years old ☐ 5-10 yrs old ☒ More than 10 years old

Differences between proposed substitution and specified product:

Cost Effective, Suitable for application  
Required Toilet, Kitchen.  
in School System.

☐ Point-by-point comparative data attached - REQUIRED BY A/E

Reason for not providing specified item: Both are SIKA Products, however  
Proposed product is cost effective & also been used  
 Similar Installation: at Fredrick High by FCS/OAK.

Project: Fredrick Architect: GWVO  
 Address: High Owner: FCS  
 Date Installed: 2017.

Proposed substitution affects other parts of Work: ☒ No ☐ Yes; explain \_\_\_\_\_

Savings to Owner for accepting substitution: Will reflect in Bid (\$ \_\_\_\_\_).  
 Proposed substitution changes Contract Time: ☐ No ☐ Yes [Add] [Deduct] \_\_\_\_\_ days.

Supporting Data Attached: ☐ Drawings ☒ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ \_\_\_\_\_



# SUBSTITUTION REQUEST (Continued)

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Cost data as stated above is complete. Claims for additional costs related to accepted substitution which may subsequently become apparent are to be waived.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.
- Coordination, installation, and changes in the Work as necessary for accepted substitution will be complete in all respects.

Submitted by: Sumit Handa

Signed by: [Signature]

Firm: Atarup Construction

Address:

Telephone: 301 704 2573

Attachments:

## A/E's REVIEW AND ACTION

- ☐ Substitution approved - Make submittals in accordance with Specification Section 01330.
- ☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
- ☐ Substitution rejected - Use specified materials.
- ☐ Substitution Request received too late - Use specified materials.

Signed by: \_\_\_\_\_

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

Additional Comments: ☐ Contractor ☐ Subcontractor ☐ Supplier ☐ Manufacturer ☐ A/E ☐ \_\_\_\_\_



# Sikafloor® DecoFlake System

Decorative Flake Flooring System 1/16 – 1/8 in (1.5 – 3 mm)

**Description** Sikafloor DecoFlake is an aesthetic, easy to clean, seamless floor consisting of a clear epoxy binder, broadcast with multi-colored vinyl chips and sealed with transparent, or UV stable topcoats. The system is highly customizable with an extensive color palette and variable application thicknesses. Final surface options include: integral cove base, and variable surface texture to produce a range of slip-resistant finishes.

**Where to Use**

- Restaurant and cafeteria seating areas.
- Commercial kitchen and food preparation areas.
- Grocery, department and retail stores.
- Light to medium duty production areas.
- Pharmaceutical laboratories, production rooms and offices.
- Hospitals, laboratories and health care facilities.
- Museums and galleries.
- Commercial lobbies and office areas.
- Animal shelters and veterinary clinics.

**Advantages**

- A seamless surface that is easy to clean and maintain.
- Durable, impermeable and seamless.
- High abrasion and impact resistance.
- Good chemical resistance
- Optional integral base and curbs can be installed without seams or joints.
- Low odor / low VOC.
- A highly customizable aesthetic multi-coloured finish.
- Variable surface texture to produce a range of slip-restraint finishes.
- Available in various standard color blends, refer to Sikafloor® DecoFlake® color guide.

## TYPICAL DATA

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

Refer to individual Sikafloor component product data sheets for complete physical properties.

### Sikafloor 161 Primer & Sikafloor 264 Body Coat

<b>Solid Content</b>	~ 100% (by volume) / ~ 100% (by weight)	
<b>Compressive Strength</b>	ASTM C-579	7,426 psi (51.2 Mpa)
<b>Pull-off Strength</b>	ASTM D-4541	>350 psi (2.5 MPa)
<b>Tensile Strength</b>	ASTM D-638	4,902 psi (33.8 Mpa)
<b>Elongation</b>	ASTM D-638	8.3 %
<b>Shore D</b>	ASTM D-2240	82
<b>Flexural Strength</b>	ASTM D-790	8,558 psi (59 Mpa)
<b>Flexural Modulus of Elasticity</b>	ASTM D-790	8.34 x 10 <sup>5</sup> psi (5.7 x 10 <sup>5</sup> MPa)
<b>Flammability</b>	ASTM E-684	
<b>Abrasion Resistance (CS-17/1000rot/1000g) mg/loss</b>		
Sikafloor 217 topcoat	ASTM D-4060	58 mg
Sikafloor 315 Clear topcoat (smooth high gloss)		18 mg
Sikafloor 225 topcoat		93 mg
Sikafloor 510 &		37 mg
Sikafloor 510N LPL		83 mg

**Dynamic Coefficient of Friction** Refer to individual product data sheet for finish top coat

Industrial Flooring

**System Build Up****Single Broadcast System:**

Coating	Product Name	Typical Thickness (mils)
Primer	Sikafloor 161	8 - 10
Body Coat	Sikafloor 264 <sup>1</sup> + Broadcast to Rejection Vinyl Decorative Flakes	16
Sealer Coat	Sikafloor 217 <sup>1</sup>	12
Optional Top Coat	Sikafloor 315 <sup>2</sup>	3 - 3.5
Optional Top Coat	Sikafloor 225N	16
Optional Top Coat	Sikafloor 510 or 510N LPL <sup>3</sup>	16

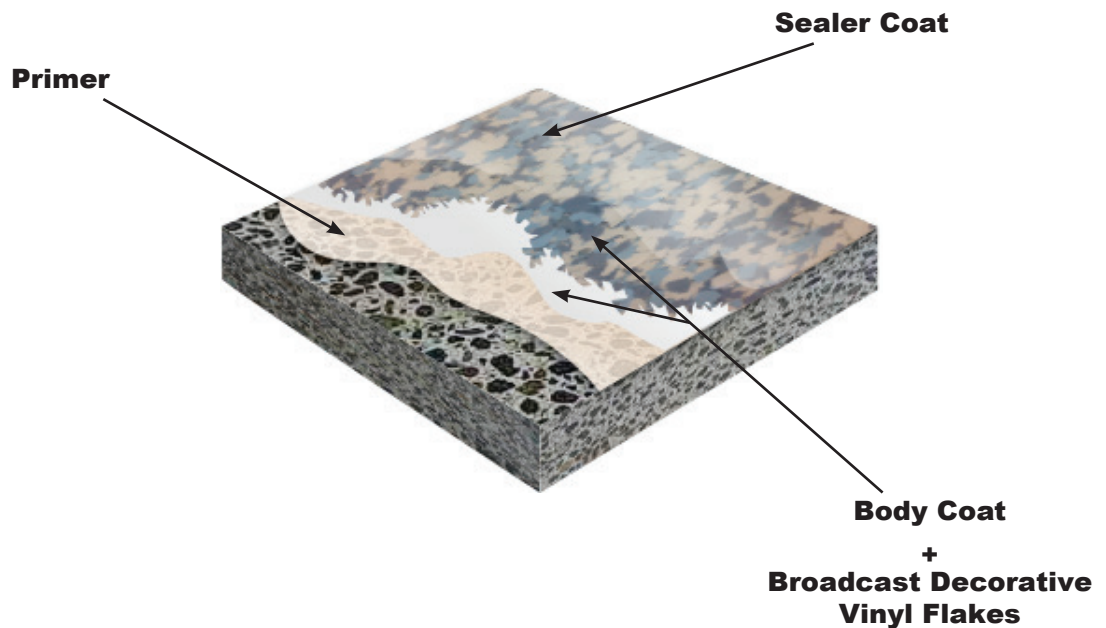
**Double Broadcast System:**

Primer	Sikafloor 161	8 - 10
1st Body Coat	Sikafloor 264 <sup>1</sup> + Broadcast to Rejection Vinyl Decorative Flakes	12
2nd Body Coat	Sikafloor 217 <sup>1</sup> + Broadcast to Rejection Vinyl Decorative Flakes	16
Top Coat	Sikafloor 217 <sup>1</sup>	16
Optional Top Coat	Sikafloor 315N <sup>2</sup>	3 - 3.5
Optional Top Coat	Sikafloor 225N	16
Optional Top Coat	Sikafloor 510 or 510N LPL <sup>3</sup>	16

<sup>1</sup> Sikafloor-217 and Sikafloor-264 may be replaced by Sikafloor-225N for increased UV resistance or Sikafloor-510N LPL for superior UV resistance and short turn around times.

<sup>2</sup> Sikafloor-315N would be an optional top coat on top of Sikafloor-217 or Sikafloor-225N for increased chemical and abrasion resistance)

<sup>3</sup> Sikafloor 510 or 510N LPL would be an optional top coat for superior wear and UV resistance

**System Build Up Step Diagram: Single Broadcast System**

# Industrial Flooring

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Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT**

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