

DATE: September 28, 2018

SUBJECT: **Addendum No. 1**
Union County Public Schools
2019 Walkway Canopy Projects

FROM: Ramsay Burgin Smith Architects, Inc.
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Salisbury, NC 28144

General: Information contained in this Addendum and changes directed in Drawings and/or Project Manual supersede said Documents and become part of the Contract. Receipt of this addendum must be acknowledged on the bid Form of Proposal.

All Contractors, General and subcontractors should review all Addenda Items for work that pertains to or affects their trade.

BIDDING REQUIREMENTS:

ITEM #01: PRE-BID CONFERENCE:

The minutes of the Pre-Bid Conference held on 9/24/18 are attached.

ITEM #02: Reference 004113 BID FORM – INDIVIDUAL BASE BID:

Clarification: To be considered a responsive bid, a base bid amount must be entered for each line under 1.2-A (Lines 1 through 6) on the bid form.

CONTRACT REQUIREMENTS:

ITEM #03: Reference 007300 SUPPLEMENTARY CONDITIONS; CONTRACT TIME:

8.4.1.1 indicates the Contract Time as 90 days. Actual time will be **8 months**, from date of Notice to Proceed to date of Substantial Completion (12/10/18 to 8/10/19).

ARCHITECTURAL SPECIFICATIONS:

ITEM #04: Reference TABLE OF CONTENTS – DIVISION 7:

DIV07.PDF contained in the ZIP file posted for download from the RBSA web site is a duplicate of Division 3 Section 03300 – Cast-in-Place Concrete. The correct Division 7 Section 07900 – Joint Sealers is attached.

Note: DIV07.PDF with correct Division 7 section is contained in the Specification ZIP file made available for download after September 26, 2018

ITEM #05: Reference SECTION 10730 – ALUMINUM WALKWAY COVERS; Drawings A7, A8.3:

Plank size for the canopy deck is to be 6” as specified in Section 10730 in lieu of 8” noted on drawing sheets. If available from the canopy manufacturer, an 8” plank size will be allowed if it meets the specified load requirements.

ARCHITECTURAL DRAWINGS:

PARKWOOD HIGH SCHOOL:

ITEM #06: Reference A1.3-01 DEMOLITION PLAN; A2.3-01 CAMPUS PLAN:

Concrete sidewalks affected by the relocation of the power pole at Canopy “D” have been repaired by UCPS. Disregard (delete) all references to sidewalk repair associated with power pole in specifications and on drawings for this site. The three-foot-wide sidewalk extensions shown on drawings are part of base bid work.

INDIAN TRAIL ELEMENTARY SCHOOL:

ITEM #07: Reference A1.1-01 OUTDOOR CANOPY:

Canopy demolition shall be eliminated from the scope of work at Indian Trail Elementary School. The existing entrance canopy was damaged during Hurricane Florence and has been completely removed by UCPS. Disregard (delete) all references to canopy demolition in specifications and on drawings for this site.

ATTACHMENTS:

Pre-Bid Conference Minutes (3 pages)

Specification Section 07900 – Joint Sealers (5 pages)

Addendum + Attachments = 10 pages

END OF ADDENDUM No. 1

**PRE-BID CONFERENCE
FOR
Union County Public Schools
2019 Walkway Canopies**

24 September 2018

Attending:

Name	Company Name	Email	Telephone
Brandt Fitzgerald	Union County Public Schools (UCPS)	brandt.fitzgerald@ucps.k12.nc.us	
Penny Helms	UCPS	penny.helms@ucps.k12.nc.us	
David Thomas	UCPS	david.thomas@ucps.k12.nc.us	
Danny Norman	Ramsay Burgin Smith Arch. (RBSA).	dan@rbsarch.com	704-633-3121
David Jarvis	RBSA	david@rbsarch.com.com	
Pat McCoy	Encompass	patm@encompassbuilding.com	704-589-0347
Hoss Hinson	Hoss Contracting	hoss@hosscontracting.com	704-233-0488
Rick Patterson	Hostetter and Son	butch@hostetterandson.com	704-363-0641
Sam Tyson	Sam Tyson Builders	samtyson@samtysonbuilders.com	704-400-2223

Bid Date: Thursday, October 11, 2018 at 2:00 PM

Bid Location: UCPS Facilities Department, 201 Venus Street, Monroe, NC 28112

INTRODUCTIONS AND GENERAL OVERVIEW:

Everyone was welcomed, and introductions made for the Owner's and Architect's representatives. Owner's representative gave a brief overview of the bid requirements and timelines.

Bidding General Contractors were asked to sign in to be included on the Bidders List and to receive addenda issued for the project. Attendance at this pre-bid meeting is not mandatory. All prospective bidders are encouraged to visit each of the sites to familiarize themselves with existing conditions.

UCPS policy requires that all visitors sign in at the school office upon arrival.

PROJECT OVERVIEW:

Project Schedule (Key Dates)

12/10/2018 – Notice to Proceed. Owner will strive to meet this deadline for issue of Purchase Order. Contractor should plan to commence work on shop drawings and submittals upon Notice to Proceed.

6/7/2019 – Access to sites and start of construction.

8/10/2019 – Substantial Completion.

Performance and Payment Bond is required for 100% of the contract sum.

Liquidated Damages

\$350/day for failing to meet Substantial Completion

\$100/day for failing to meet Final Completion

Allowances (All allowance costs shall be included in bid price. The allowance is a lump sum and any change orders will be billed against the allowance).

1. Total Unforeseen Allowance of \$30,000

Unit Prices

1. Concrete Sidewalk per sq.ft.
2. PVC storm piping per lin.ft.
3. Sidewalk demolition per sq.ft.
4. PVC storm drain demolition per lin.ft.

Alternates

Parkwood High School:

1. Replacement canopy section "E"
2. Bus overhang for new canopy section "D"

Indian Trail Elementary:

3. LED canopy lighting

Forest Hills High School:

4. Canopy section "C" connecting Gym and Field House

MBE

All MBE documentation is included in the project manual. **Bidders are required to submit a Minority Business Participation form and either Affidavit A or Affidavit B with their Bids**, verifying a good faith effort was made to solicit minority business participation.

Sales Tax

This UCPS project qualifies for sales tax reimbursement. Successful Bidder must submit sales tax forms with each pay application.

PROJECT DESCRIPTION:

The Project is canopy replacement and installation of new canopies at Parkwood High and Indian Trail Elementary, and all new canopies at Forest Hills High and New Salem Elementary. The canopies will be pre-fabricated aluminum canopies with engineering for canopy structure and footings to be provided by the canopy manufacturer. Manufacturers are required to provide engineered drawings signed and sealed by NC licensed PE. Columns for the new canopies will typically be placed in the grassed areas on each side of the existing canopies and sidewalks. There are some areas where columns will be placed in existing concrete pavement and will need to be core drilled. There is some sidewalk work required for the Parkwood, New Salem and Forest Hills sites.

Parkwood High School: Work for this school is primarily the replacement of existing walkway canopies supporting campus HVAC and electrical infrastructure. The installation sequence shall be to provide and install the overhead structure for the replacement canopies prior to all demolition. The existing conduits and HVAC piping shall be suspended from the new overhead structure prior to demolition of the existing canopies.

Note: Suspension of the infrastructure may be assigned to either a mechanical or electrical subcontractor at the discretion of the GC, but if this work is not specifically assigned and becomes a matter of dispute, the Architect will rule that the suspension is installed by the canopy sub-contractor.

Asbestos abatement will be done under a separate contract with the Owner. Testing revealed asbestos in the roofing material on the existing walkway cover at canopy "D", which will be abated and demolished prior to start of new canopy construction. The single conduit on this walkway cover will be temporarily shored. The existing walkway cover section at Canopy "B" was found to have asbestos containing caulk on the gutters. The abatement contract work will only include removing the caulking and gutters.

Forest Hills High School: Scope of work is the installation of three walkway canopies (two base bid and one alternate) between existing buildings.

New Salem Elementary School: Work for New Salem is the installation of four canopy sections, including a segmented radius section.

Indian Trail Elementary School: Work at this school is the replacement of an existing walkway canopy, installation of a new adjacent section, a bus canopy along the front drive and an entrance door suspended canopy.

OPEN DISCUSSION AND ADDENDUM ITEMS:

DIV07.PDF contained in the ZIP file posted for download from the RBSA web site is a duplicate of Division 3 Section 03300 – Cast-in-Place Concrete. The correct Division 7 Section 07900 – Joint Sealers will be issued by addendum.

007300 Supplementary Conditions – 8.4.1.1 indicates the Contract Time as 90 days. Actual time will be **8 months**, from date of Notice to Proceed to date of Substantial Completion (12/10/18 to 8/10/19). This will also be addressed as an addendum item.

The plank size for the canopy deck is to be 6” as specified in Section 10730 in lieu of 8” noted on drawing sheets A7 and A8.3. If available from the canopy manufacturer, an 8” plank size will be allowed if it meets the specified load requirements. This will also be an addendum item.

To be considered a responsive bid, an amount must be entered on the bid form for each line under 1.2-A (Lines 1 through 6).

Based on the bid form, individual contracts can potentially be awarded for each school. However, it is the expressed intent of UCPS to award a single contract for the total amount of the canopy work entered on line 6 of the form, with the option of eliminating a school – or negotiating a reduced project scope – if the entered amount exceeds the budget for that location.

Fire and security alarm systems must remain operational without disruption during canopy demolition and construction work.

SECTION 07900 - JOINT SEALERS

PART 1 - GENERAL

RELATED DOCUMENTS:

Drawings and general provisions of **the Owner–Contractor Agreement** and Division-1 Specification sections, apply to work of this section.

DESCRIPTION OF WORK:

Extent of each form and type of joint sealer is indicated on drawings and described in this section.

Refer to Division-15 and 16 sections for joint sealers in mechanical and electrical work; not work of this section.

SYSTEM PERFORMANCES:

Provide joints sealers that have been produced and installed to establish and maintain watertight and airtight continuous seals.

QUALITY ASSURANCE:

Single Source Responsibility for Joint Sealer Materials: Obtain joint sealer materials from a single manufacturer for each different product required.

SUBMITTALS:

Product Data: Submit manufacturer's technical data for each joint sealer product required, including instructions for joint preparation and joint sealer application and range of manufacturer's standard color selection.

DELIVERY, STORAGE, AND HANDLING:

Deliver materials to project site in original unopened containers or bundles with labels informing about manufacturer, product name and designation, color, expiration period for use, pot life, curing time and mixing instructions for multicomponent materials.

Store and handle materials to prevent their deterioration or damage due to moisture, temperature change, contaminants, or other causes.

PROJECT CONDITIONS:

Environmental Conditions: Do not proceed with installation of joint sealers under the following conditions:

When ambient and substrate temperature conditions are outside the limits permitted by joint sealer manufacturer or below 40 degrees F (4.4 degrees C).

When joint substrates are wet due to rain, frost, condensation or other causes.

Joint Width Conditions: Do not proceed with installation of joint sealers when joint widths are less than allowed by joint sealer manufacturer for application indicated.

PART 2 - PRODUCTS

MATERIALS, GENERAL:

Compatibility: Provide joint sealers, joint fillers and other related materials that are compatible with one another and with joint substrates under conditions of service and application, as demonstrated by testing and field experience.

Colors: Provide color of exposed joint sealer indicated or, if not otherwise indicated, as selected by Architect from **full range** of manufacturer's standard colors.

ELASTOMERIC JOINT SEALANTS:

Elastomeric Sealant Standard: Provide manufacturer's standard chemically curing, elastomeric sealant of base polymer indicated which complies with ASTM C 920 requirements, including those for Type, Grade, Class and Uses.

Multi-Part Nonsag Urethane Sealant: Type M, Grade NS, Class 25, and complying with the following requirements for uses:

Uses NT, M, G, A and, as applicable to joint substrates indicated, O.

Applications: Typical exterior building joints horizontal and vertical between similiar and dissimilar materials closing all potential water, air and light leaks.

Available Products: Subject to compliance with requirements, products which may be incorporated in the work include, but are not limited to, the following:

"Dynatrol II"; Pecora Corp.
"Sonolastic NP 2"; Sonneborn Building Products Div., Rexnord Chem. Prod. Inc.
Or equal by
Tremco, Inc.
Dow Corning Corp.
General Electric

One-Part Pourable Urethane Sealant: Type S, Grade P; Class 25; Uses T, M, and, as applicable to joint substrates indicated, O.

Applications: Typical all exterior building joints over expansion joints in concrete walkways.

Available Products: Subject to compliance with requirements, products which may be incorporated in the work include, but are not limited to, the following:

"NR-201 Urexpand"; Pecora Corp.
"Sonolastic SL-1"; Sonneborn B.P.Div., Rexnord Chem Prod. Inc.
Or equal by
Tremco, Inc.
Dow Corning Corp.
General Electric

One-Part Mildew-Resistant Silicone Sealant: Type S; Grade NS; Class 25; Uses NT, G, A, and, as applicable to nonporous joint substrates indicated, formulated with fungicide for sealing interior joints with nonporous substrates around ceramic tile, showers, sinks and plumbing fixtures.

Applications: Typical all caulking in toilets, kitchens, shower rooms, labs and similiar wet areas. Apply as required to seal all light and air leaks, between counter backsplashes and walls, around door frames, around perimeter of fixtures at walls, etc. whether or not specifically shown on drawings.

Available Products: Subject to compliance with requirements, products which may be incorporated in the work include, but are not limited to, the following:

"Dow-Corning 786"; Dow Corning Corp.
"SCS 1702"; General Electric Co.
"863 #345 White"; Pecora Corp.
"Proglaze White"; Tremco Corp.
Or equal by
Sonneborn-Contech, Inc.

LATEX JOINT SEALANTS:

Acrylic-Emulsion Sealant: Manufacturer's standard, one part, nonsag, acrylic, mildew-resistant, acrylic-emulsion sealant complying with ASTM C 834, formulated to be painted and recommended for exposed applications on interior and on protected exterior exposures involving joint movement of not more than ± 7.5 percent.

Applications: Typical interior building joints horizontal and vertical between similiar and dissimilar materials closing all potential water, air and light leaks.

Available Products: Subject to compliance with requirements, products which may be incorporated in the work include, but are not limited to, the following:

"AC-20"; Pecora Corp.
"Tremco Acrylic Latex Caulk"; Tremco Inc.
Or equal by
Sonneborn-Contech, Inc.
Dow Corning Corp.
General Electric

JOINT FILLERS FOR CONCRETE PAVING:

General: Provide joint fillers of thickness and widths indicated or if not indicated 1/2" thick.

Bituminous Fiber Joint Filler: Preformed strips of composition below, complying with ASTM D 1751:

Asphalt saturated fiberboard.

JOINT SEALANT BACKING:

General: Provide sealant backings of material and type which are non-staining; are compatible with joint substrates, sealants, primers and other joint fillers; and are approved for applications indicated by sealant manufacturer based on field experience and laboratory testing.

Plastic Foam Joint Fillers: Preformed, compressible, resilient, non-waxing, non-extruding strips of plastic foam of material indicated below, and of size, shape and density to control sealant depth and otherwise contribute to producing optimum sealant performance.

Elastomeric Tubing Joint-Fillers: Neoprene, butyl or EPDM tubing complying with ASTM D 1056, non absorbent to water and gas, capable of remaining resilient at temperatures down to -26 degrees F (-15 degrees C). Provide products with low compression set and of size and shape to provide a secondary seal, to control sealant depth and otherwise contribute to optimum sealant performance.

Bond-Breaker Tape: Polyethylene tape or other plastic tape as recommended by sealant manufacturer for preventing bond between sealant and joint filler or other materials at back (3rd) surface of joint. Provide self-adhesive tape where applicable.

MISCELLANEOUS MATERIALS:

Primer: Provide type recommended by joint sealer manufacturer where required for adhesion of sealant to joint substrates indicated, as determined from preconstruction joint sealersubstrate and field tests.

Cleaners for Nonporous Surfaces: Provide non-staining, chemical cleaner of type acceptable to manufacturer of sealant and sealant backing materials which are not harmful to substrates and adjacent nonporous materials.

PART 3 - EXECUTION

INSPECTION:

Require installer to inspect joints indicated to receive joint sealers for compliance with requirements for joint configurations, installation tolerances and other conditions affecting joint sealer performance. Obtain Installer's written report listing any conditions detrimental to performance of joint sealer work. Do not allow joint sealer to proceed until unsatisfactory conditions have been corrected.

PREPARATION:

Surface Cleaning of Joints: Clean out joints immediately before installing joint sealers to comply with recommendations of joint sealer manufacturers and the following requirements:

Remove all foreign material from joint substrates which could interfere with adhesion of joint sealer, including dust; paints, except for permanent, protective coatings tested and approved for sealant adhesion and compatibility by sealant manufacturer; oil; grease; waterproofing; water repellants; water; surface dirt and frost.

Clean concrete, masonry, unglazed surfaces of ceramic tile and similar porous joint substrate surfaces, by brushing, grinding, blast cleaning, mechanical abrading, acid washing or a combination of these methods to produce a clean, sound substrate capable of developing optimum bond with joint sealers. Remove loose particles remaining from above cleaning operations by vacuuming or blowing out joints with oil-free compressed air.

Remove laitance and form release agents from concrete.

Clean metal, glass, porcelain enamel, glazed surfaces of ceramic tile and other non-porous surfaces by chemical cleaners or other means which are not harmful to substrates or leave residues capable of interfering with adhesion of joint sealers.

Joint Priming: Prime joint substrates where recommended by joint sealer manufacturer based on prior experience. Apply primer to comply with joint sealer manufacturer's recommendations. Confine primers to areas of joint sealer bond, do not allow spillage or migration onto adjoining surfaces.

Masking Tape: Use masking tape where required to prevent contact of sealant with adjoining surfaces which otherwise would be permanently stained or damaged by such contact or by cleaning methods required to remove sealant smears. Remove tape immediately after tooling without disturbing joint seal.

INSTALLATION OF JOINT SEALERS:

General: Comply with joint sealer manufacturers' printed installation instructions applicable to products and applications indicated, except where more stringent requirements apply.

Elastomeric Sealant Installation Standard: Comply with recommendations of ASTM C 962 for use of joint sealants as applicable to materials, applications and conditions indicated.

Latex Sealant Installation Standard: Comply with requirements of ASTM C 790 for use of latex sealants.

Installation of Sealant Backings: Install sealant backings to comply with the following requirements:

Install Joint-fillers of type indicated to provide support of sealants during application and at position required to produce the cross-sectional shapes and depths of installed sealants relative to joint widths which allow optimum sealant movement capability.

Do not leave gaps between ends of joint-fillers.

Do not stretch, twist, puncture or tear joint fillers.

Remove absorbent joint-fillers which have become wet prior to sealant application and replace with dry material.

Install bond breaker tape between sealants and joint-fillers, compression seals or back of joints where required to prevent third_ side adhesion of sealant to back of joint.

Installation of Sealants: Install sealants by proven techniques that result in sealants directly contacting and fully wetting joint substrates, completely filling recesses provided for each joint configuration and providing uniform, cross-sectional shapes and depths relative to joint widths which allow optimum sealant movement capability.

Tooling of Nonsag Sealants: Immediately after sealant application and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of concave configuration, to eliminate air pockets and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealants from surfaces adjacent to joint. Do not use tooling agents during and after curing period from contact with contaminating substances or from damage resulting from construction operations or other causes so that they are without deterioration or damage at time of substantial completion.

Clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealers and of products in which joints occur.

END OF SECTION 07900