

ADDENDUM NO. 1 ISSUED BY

ABHA Architects
1621 N. Lincoln Street
Wilmington, Delaware 19806

NOTICE: Attach this Addendum to the Project Manual for this project. It modifies and becomes a part of the Contract Documents. Work or materials not specifically mentioned herein are to be as described in the main body of the Specifications and as shown on the Drawings. Acknowledge receipt of the Addendum in the space provided on the Bid Form.

This Addendum includes the following (2 pages total including attachments):
PRE-BID MEETING MINUTES

ATTACHMENTS:

PRE-BID MEETING ATTENDANCE SHEET (1 page)
SECTION 00 4113 BID FORM
SECTION 26 0601 LIGHTNING PROTECTION

PRE-BID MEETING MINUTES

A mandatory pre-bid meeting was held at 1:30 pm on Thursday, May 5, 2016 in the Cafeteria at Talley Middle School

Attendees: See attached sign in Sheet

Discussion:

1. David Barisa, project architect, gave an overview of the project. Project includes roof and parapet repairs and reroofing.
2. Sealed Bids shall be addressed to James Conlon. The outer envelope should clearly indicate "SEALED BID – DO NOT OPEN." Bids will be received by the Brandywine School District in the Cafeteria at Talley Middle School, 1110 Cypress Rd., Wilmington, DE 19810 until: 2:00 pm local time on the 2nd day of June, 2016.
3. The last day for Bidder questions will be 12:00 Noon on May 23, 2016. The last day Addenda will sent to the State for posting is May 24, 2016.

Questions/substitution requests should be sent, in writing, to:

David Barisa
ABHA Architects
(302) 658-6426 ph
(302) 658-8431 fax
dbarisa@abha.com

4. Notice of addenda will be sent out via email; addenda will be posted to <http://bids.delaware.gov> site.
5. The Subcontractor list was reviewed. Subcontractors added to the list are Metal Panels and Demolition.
6. Site tours may be schedule thru the Owner's representatives. Tours must occur during off hours. 7:00 a.m. to 8:30 a.m. or 3:00 to 4:00.

7. The Owner's Representatives are:
 - a. James Conlon: 302-218-3542
 - b. Woody Scoot: 302-250-2348
8. Substitutions: It was announced that Armour Proof Coatings shall be added as an approved manufacture for the fluid-applied roofing system.
9. Lightning Protection is part of the project. See attached.

CHANGES TO THE PROJECT MANUAL

SECTION 00 4113 BID FORM

Delete Bid Form and replace with new Bid Form attached to this Addendum.

SECTION 07 5600 FLUID-APPLIED ROOFING SYSTEM

Page 07 5600-4, Article 2.01

Add following paragraph:

- C. Equivalent products of the following manufacturers, that meet the performance requirements of the Basis of Design Product(s) are also approved:
 1. Armour Proof Coatings
P.O. Box 291
Cedar Brook, NJ 08018
Telephone: Rich Kline 609-820-4225
Email: Rich@unitedasphalt.com
Web Site: www.armourproofcoatings.com

SECTION 26 0601 LIGHTNING PROTECTION

Add section attached to this Addendum.

END OF ADDENDUM NO. 1

Brandywine School District
 TALLEY MIDDLE SCHOOL ROOF UPGRADES
 PRE-BID MEETING ATTENDANCE SHEET (please write legibly)

ABHA Project No. 1226.13

Location: Talley Middle School Cafeteria
 Date: May 5, 2016, 1:30 p.m.

Your Name	Representing (Firm Name)	Mailing Address	Telephone	Fax	Email
DAVID BARISA	ABHA	1621 NORTH LINCOLN WILMINGTON, DE 19381	302-658-6426	302-658-8431	DBARISA@ABHA.COM
John M. Peck	GARVEY ROOFING LLC	600 B SANDY PRAIRIE WEST CHESTER PA	610-738-4661	610-738-8376	john@garveyroofing.com
Jon McDougal	WILHELM ROOFING	1960 S.W. BLVD VINELAND, NJ	856-691-6161	856-691-0461	jon@wilhelmroofing.com
ALEX CIFELLI	ARMOR PROOF	509 ADELISA DR. AMBLER, PA	215-641-9624	215-654-1324	ALEX@EBSRETS.COM
Rich Kline	Armour Proof United Asphalt	P.O. Box 291 Berlin, NJ 08018	609-820-4225	856-753-9809	rich@unitedasphalt.com
David Stoll	Knopp Drain Service	1304 Governor Ct. Suite 119 Abingdon Md 21009	410-679-8800	410-679-5347	dstoll@knoppdrains.com
Matt Bourne	ABC Supply	1550 FIRST STATE RD STANTON DE 19804	302-420-0507	302-994-5904	matthew.bourne@abc5supply.com
JOHN McLAUGHLIN	H.K. GRIFFITH INC.	115 HAPPY LANE NEWARK DE 19711	302-368-4635	302-368-4624	JOHN@HKGRIFITH.COM
Tom Laubach	Performance Roofing (Finestone)	93 W. Devon Dr. Exton, PA 19341	610-594-6700	610-594-6707	Tom1@PRARFG.com
ED LAUT	ALLIED BLDG PROD	5810 BRISOL-Emilee Rd Levittown, PA	610-633-7026		Ed.laut@alliedbuilding.com

Brandywine School District
 TALLEY MIDDLE SCHOOL ROOF UPGRADES
 PRE-BID MEETING ATTENDANCE SHEET (please write legibly)

ABHA Project No. 1226.13

Location: Talley Middle School Cafeteria
 Date: May 5, 2016, 1:30 p.m.

Your Name	Representing (Firm Name)	Mailing Address	Telephone	Fax	Email
Bill Booth	COMMONWEALTH CONST CO.	2317 PENNSYLVANIA AVE WILM, DE 19806	302-654-6611	302-654-2604	bbooth@its COMMONWEALTH.COM
Emery Baumann	D. Shinn	1408 Haines Ave. Wilm, DE 19804	302-765-2222	302-765-2220	emery.baumann@ dshinninc.com
Buck Bligh	TRI-STATE Bldg.	404 NEWB OR Wilm, DE 19801	302-995-7027	302-995-7527	blighole@comcast.NET
Michael Cowles	P-C Roofing Inc	35 South Gate Blvd New Castle DE.	(302) 322-6767	(302) 322-3309	Michael@PCRoofinginc.com
Tony Poletto	A. Poletto	829 Lincoln Ave Unit C-12 Wilmington, DE 19801	610-524 9380 5529	610-431 4829	apoleto@comcast .net
DENNIS VERELLI	DA NOLT	53 Cross Key's Road Berlin NJ	856-753-9333		Matt@darnolt.com

SECTION 00 4113
BID FORM

FOR BIDS DUE: _____

TO: BRANDYWINE SCHOOL DISTRICT	FOR: TALLEY MIDDLE SCHOOL ROOF UPGRADES
1311 BRANDYWINE BLVD. WILMINGTON, DE. 19809	110 CYPRESS ROAD WILMINGTON, DE. 19810

FOR CONTRACT: GENERAL CONSTRUCTION

NAME OF BIDDER: _____

DELAWARE BUSINESS LICENSE NO.: _____

(A copy of Bidder's Delaware Business License must be attached to this form.)

TAXPAYER ID NO.: _____

(OTHER LICENSE NOS.): _____

PHONE NO.: () _____ FAX NO.: () _____

EMAIL ADDRESS: _____

The undersigned, representing that he has read and understands the Bidding Documents, including the complete Project Manual and the Drawings as listed in the Table of Contents, all dated April 27, 2016, and that this bid is made in accordance therewith, that he has visited the site and has familiarized himself with the local conditions under which the Work is to be performed, and that his bid is based upon the materials, systems and equipment described in the Bidding Documents without exception, hereby proposes and agrees to provide all labor, materials, plant, equipment, supplies, transport and other facilities required to execute the work described by the aforesaid documents for the lump sum itemized below:

BASE BID:

(expressed in words)

(\$ _____)

(expressed in figures)

BID FORM

UNIT PRICES

Unit prices conform to applicable project specification project. The difference between Add or Deduct Unit Prices of the same item may not exceed 15%. Refer to the specifications for a complete description of the following Unit Prices:

UNIT PRICE NO. 1: METAL DECK REPLACEMENT

Price per square foot of deck replaced.

Add: _____

Deduct: _____

UNIT PRICE NO. 2: ROOF INSULATION BOARD REPLACEMENT

Price per square foot of insulation board replaced per inch thickness.

Add: _____

Deduct: _____

BID FORM

SIGNATURE FORM

I / We acknowledge Addendas Numbered _____ and the price(s) submitted include any cost / schedule impact they may have.

This bid shall remain valid and cannot be withdrawn for 30 days from the date of opening of bids (60 days for School Districts and Department of Education), and the undersigned shall abide by the Bid Security forfeiture provisions. Bid Security is attached to this Bid.

The Owner shall have the right to reject any or all bids, and to waive any informality or irregularity in any bid received.

This bid is based upon work being accomplished by the Sub-Contractors named on the list attached to this bid.

Should I/We be awarded this contract, I/We pledge to achieve substantial completion of all the work within _____ calendar days of the Notice to Proceed.

The undersigned represents and warrants that he has complied and shall comply with all requirements of local, state, and national laws; that no legal requirement has been or shall be violated in making or accepting this bid, in awarding the contract to him or in the prosecution of the work required; that the bid is legal and firm; that he has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding.

Upon receipt of written notice of the acceptance of this Bid, the Bidder shall, within twenty (20) calendar days, execute the agreement in the required form and deliver the Contract Bonds, and Insurance Certificates, required by the Contract Documents.

I am / We are an Individual / a Partnership / a Corporation

By: _____ Trading as: _____

(Individual's / General Partner's / Corporate Name)

(State of Corporation)

Business Address: _____

Witness: _____ By: _____

(Authorized Signature)

(SEAL)

(Title)

Date: _____

Attachments:

- Sub-Contractor List.
- Non-Collusion Statement.
- Affidavit(s) of Employee Drug Testing Program
- Bid Security.

BID FORM
SUBCONTRACTOR LIST

In accordance with Title 29, Chapter 6962 (d)(10)b Delaware Code, the following sub-contractor listing must accompany the bid submittal. The name and address of the sub-contractor must be listed for each category where the bidder intends to use a sub-contractor to perform that category of work. In order to provide full disclosure and acceptance of the bid by the Owner, it is required that bidders list themselves as being the sub-contractor for all categories where he/she is qualified and intends to perform such work. This form must be filled out completely with no additions or deletions. Note that all subcontractors listed below must have a signed Affidavit of Employee Drug Testing Program included with this bid.

SUBCONTRACTOR CATEGORY	SUBCONTRACTOR	ADDRESS (City & State)	SUBCONTRACTOR Taxpayer ID # or DE Business License #
Masonry			
Miscellaneous Steel			
Gypsum Board / Steel Studs			
Carpentry			
Roofing			
Painting			
Plumbing			
Mechanical			
Electrical			
Demolition			
Metal Panels			

BID FORM

NON-COLLUSION STATEMENT

This is to certify that the undersigned bidder has neither directly nor indirectly, entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive bidding in connection with this proposal submitted this date.

All the terms and conditions of this Contract have been thoroughly examined and are understood.

NAME OF BIDDER: _____

AUTHORIZED REPRESENTATIVE
(TYPED): _____

AUTHORIZED REPRESENTATIVE
(SIGNATURE): _____

TITLE: _____

ADDRESS OF BIDDER: _____

PHONE NUMBER: _____

Sworn to and Subscribed before me this _____ day of _____, 20__

My Commission expires : _____ NOTARY PUBLIC _____

THIS PAGE MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.

BID FORM
EMPLOYEE DRUG TESTING PROGRAM

4104 Regulations for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite that complies with this regulation:

CONTRACTOR/SUBCONTRACTOR

NAME: _____

CONTRACTOR/SUBCONTRACTOR

ADDRESS: _____

AUTHORIZED REPRESENTATIVE

(TYPED): _____

AUTHORIZED REPRESENTATIVE

(SIGNATURE): _____

Sworn to and Subscribed before me this _____ day of _____, 20__

My Commission expires : _____ NOTARY PUBLIC _____

END OF DOCUMENT

SECTION 260601

LIGHTNING PROTECTION SYSTEMS

PART 1 – GENERAL

1.1 DESCRIPTION OF WORK

- A. Lightning protection system work is indicated by specifications.
- B. Types of lightning protection system equipment and components specified in this section include the following:
 - Air terminals.
 - Conductors.
 - Connectors.
 - Cable Splicers.
 - Ground rods.
 - Rod clamps.
 - Bonding plates.

1.2 QUALITY ASSURANCE

- A. ANSI/NFPA Compliance: Comply with NEC and NFPA No. 780, "Lightning Protection Code", as applicable to materials and installation of lightning protection components, and wiring.
- B. UL Compliance: Comply with UL 96, "Lightning Protection Components" pertaining to design, materials and sizing of lightning protection components and devices. Provide components and devices which are UL listed and labeled.

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's data on lightning protection equipment, components and devices.
- B. Shop Drawings: Submit dimensioned layout drawings of all lightning protection system equipment, components and devices including conductor sizing, routing and connections.
- C. UL Certificate: Provide Owner with UL Master Label for overall system which shall be suitable for fastening to building for display. Comply with UL 96A, "Installation Requirements for Lightning Protection Systems."

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

- A. Manufacturer: Subject to compliance with requirements, provide lightning protection and components of one of the following manufacturers and their representative:
 - East Coast Lightning Equipment
 - Erico Lightning Protection
 - Heary Bros., Inc.
 - National Lightning Protection Corp.
 - Denver, Colorado 80216

Thompson Lightning Protection, Inc.

2.2 LIGHTNING PROTECTION SYSTEM COMPONENTS

- A. Provide lightning protection system equipment and components, of types, sizes, and ratings for service indicated, which comply with manufacturer's standard materials, design and construction in accordance with published product information, and as required for a complete installation. Where type or material is not otherwise indicated, comply with NFPA 780 and UL 96 Standards.

2.3 ANCILLARY COMPONENTS

- A. Air Terminal: Copper with low solid bronze base; 3/8 inch diameter extending 10 inches above the object they protect.
- B. Conductors: Copper cable; 28 strand, 16 gauge; 220 lb. per 1000 feet; structural steel columns may be substituted for the down conductors.
- C. Connectors: Solid bronze cable connector with stainless steel pressure screws.
- D. Ground Rod: Copper clad, 5/8 inch diameter x 10 feet.
- E. Rod Clamp: Bronze ground rod clamp with stainless bolts.
- F. Bonding Plate: Cast bronze flat metal bonding plate with mild steel welding plate 1/4"x4"x4" for attachment to steel columns or beams. Steel plate to be electrically welded to the steel column or beam. Plate shall be furnished with four stainless steel bolts and nuts to attached bonding plate welding plate.

PART 3 – EXECUTION

3.1 INSTALLATION OF LIGHTNING PROTECTION SYSTEMS

- A. Install lightning protection systems, in accordance with equipment manufacturer's written instructions, in compliance with applicable requirements of NFPA 780 and with UL 96A lightning protection standards, to ensure that lightning protection system complies with requirements.
- B. Interconnect metals as required by the Underwriters' Laboratories code such as cold water pipe, sewer, etc., with lead coated copper strap type pipe bonding clamps.
- C. Concealed down conductors within building construction where applicable.
- D. Coordinate with roofing work, as necessary to interface the installation of the lightning protection system.
- E. Install conductors with direct paths from air terminals to ground connections. Do not use metal casings of structure/equipment as a ground path. Avoid sharp bends and narrow loops.

3.2 TESTING

- A. Upon completion of installation of lightning protection system, test resistance-to-ground level. Where tests show resistance-to-ground is over 25 ohms, the Contractor shall take appropriate action to reduce resistance to 25 ohms or less by driving additional ground rods and/or treating soil in the proximity to the ground rod with sodium chloride, calcium chloride, copper sulphate, or magnesium. Then retest to demonstrate compliance with requirements.

END OF SECTION 260601