



Kent County Public Schools
"Growing a Community of Leaders"
5608 Boundary Avenue
Rock Hall, MD 21661

ADDENDUM # 3
Galena Elementary School Addition and Renovation Project
PROJECT No.: PSC # 14.002.20LP/21C
March 10, 2020

The purpose of this Addendum #3 is to provide clarifications on the bid document, update construction documents, and supply other relevant information on the project. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

1.0 Bid Due Date:

- 1.1** The sealed bid due date is **March 18, 2020 at 2:00 PM** Local Time at Kent County Public Schools Central Office, 5608 Boundary Avenue, Rock Hall, Maryland 21661

2.0 Last Day of Vendor Questions:

- 2.1** The last day to receive vendor questions is March 5, 2020

3.0 Changes in Construction Contract Schedule:

- 3.1** Advertise for Bids: 2/10/2020
3.2 Pre-proposal Meeting: 2/18/2020 @ 11:00 AM
3.3 Optional 2nd Pre-proposal/Site Visit: 2/25/2020 @ 11:00 AM
3.4 Bids Due Date: 3/18/2020 @ 2:00 PM
3.5 Notice to Proceed (NTP): 4/14/2020
3.6 Start Construction at Site (New Addition): 4/14/2020
3.7 Start Construction on Occupied Areas: 6/17/2020

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3.8 Substantial Completion: 12/16/2020

3.9 Complete Construction: 1/15/2021

4.0 Changes to the Project Manual (Specifications):

4.1 Table of Contents (issued in Addendum No. 2), Volume One, Division 1 – General Requirements, ADD specification Section 012100 – Allowances.

4.2 Table of Contents (issued in Addendum No. 2), Volume Three, Division 21 – Fire Suppression, ADD Section 211313A – Fire Hydrant Flow Test Results.

4.3 Table of Contents (issued in Addendum No. 2), Volume Three, Division 32 – Exterior Improvements, ADD specification Section 323113 – Chain Link Fences and Gates.

4.4 Section 000003 – Invitation to Bid, REVISE bid date to be March 18, 2020 at 2:00 PM Local Time.

4.5 Section 004100 – Bid Form, REVISE as follows:

4.5.1 REVISE PSC NO. to be 14.002.20LP/21C.

4.5.2 DELETE “RFP/BID NO.” at top of form.

4.5.3 ADD Schedule of Allowances right before Schedule of General Construction (GC) Alternates.

4.5.4 REVISE Unit Price No. 4 (Revised in Addendum No. 2) to be “UP-4 Replace Damaged Economy Roof Deck with Gypsum Topping” to be as follows:

1. Unit price No. 4 shall include the cost for removing and disposing of damaged roof deck and replacing with new formboard and gypsum topping to match existing per Structural drawings. See detail for additional information.

2. Unit of Measurement: Square foot.

3. Please indicate your bid amount for Unit Price #4: _____/S.F.

4.5.5 ADD Unit Prices No. 5-12 per attached revised bid form.

4.5.6 ADD Unit Price No. 13 (Added in Addendum No. 2) to be “UP-13 Replace Damaged Insulrock Roof Deck” to be as follows:

1. Unit price No. 13 shall include the cost for removing and disposing of damaged roof deck and replacing with new insulrock roof panel to match existing per Structural drawings. See detail for additional information.

2. Unit of Measurement: Square foot.

3. Please indicate your bid amount for Unit Price #13: _____/S.F.

4.5.7 See attached revised bid form.

4.6 Section 006900 – Prevailing Wage Rates, ADD attached wage rates for Ironworkers to the list of wage rates for the project.

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- 4.7 ADD attached Section 012100 – Allowances in its entirety.
- 4.8 Section 012400 – Unit Prices, Paragraph 3.1.A, Unit Prices UP-5 and UP-6, ADD the following: “Unit of Measurement: Each”.
- 4.9 Section 013200 – Construction Progress Documentation, Paragraph 1.7. A, ADD the following to the end of the paragraph:

Phasing Notes

1. Where construction and/or dust barriers are provided and removed at the end of the phase, Contractor to clean and patch walls and/or floors to match existing adjacent walls and/or floors.
 2. Where contractors need to perform work in areas of the building where no proposed work is being done, i.e. to patch existing roof openings or patch/repair existing roof deck, or install new fire alarm system, Contractor shall remove and re-install ceiling tile and grid (if necessary) in order to complete the work. Contractor to clean areas after performing the work and also be responsible for replacing any damaged ceiling tile and grid, or any walls and/or floors in those areas.
- 4.10 Section 042000 – Unit Masonry (Assemblies), Paragraph 2.2.C.6.a., ADD the following: Basis-of-Design: Yankee Hill “Light Red Smooth” with 10% Yankee Hill “Medium Red Smooth”. Mortar color to match existing. Yankee Hill Face Brick is distributed by Potomac Valley Brick and Supply, Salisbury, MD 21801, Phone – 443-880-0023.
- 4.11 Section 042000 – Unit Masonry (Assemblies), Paragraph 3.4.B., DELETE item #2 and REVISE item #1 to be as follows:
1. One-half running bond with vertical joint in each course centered on units in courses above and below with flemish headers every sixth course. Verify to match existing in field.
- 4.12 Section 074213 – Metal Wall and Soffit Panels (issued last addendum), Paragraph 1.2.A, ADD items 2 and 3 to be as follows:
2. Wall Sheathing.
 3. Air Barrier.
- 4.13 Section 074213 – Metal Wall and Soffit Panels (issued last addendum), Paragraph 2.1.A.2.c., REVISE color to be, “Color to be as selected from Manufacturer’s FULL range of colors.”
- 4.14 Section 074213 – Metal Wall and Soffit Panels (issued last addendum), Paragraph 2.3, REVISE as follows:
- 2.3 Wall Sheathing
 - A. Plywood Sheathing Concealed from View but Located Within Exterior Enclosure: PS 1, C-C Plugged or better, Exterior grade.

- B. Fire retardant treated at all locations.
 - C. Preservative treatment at exterior locations where unprotected by air and moisture barrier.
- 4.15 Section 074213 – Metal Wall and Soffit Panels (issued last addendum), Paragraph 2.4, REVISE as follows:
- 2.4 Air Barrier
- A. Air Barrier: ASTM E 1677, Type I air barrier; with flame-spread and smoke-developed indexes of less than 25 and 450, respectively, when tested according to ASTM E 84; UV stabilized; and acceptable to authorities having jurisdiction.
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide DuPont “Tyvek Commercial Wrap” or comparable products by one of the following:
 - a. Dow Building Solutions; Dow Chemical Company (The).
 - b. GreenGuard Commercial Building Wrap; Pactiv Building Products.
 - c. Raven Industries, Inc.
 - 2. Water-Vapor Permeance: Not less than 75 perms per ASTM E 96, Desiccant Method (Procedure A).
 - 3. Air Permeance: Not more than 0.004 cfm/sq. ft. at 0.3-inch wg when tested according to ASTM E 2178.
 - 4. Allowable UV Exposure Time: Not less than three months.
 - 5. Fire Propagation Characteristics: Passes NFPA 285 testing as part of an approved assembly.
 - B. Building-Wrap Tape: Pressure-sensitive plastic tape recommended or manufactured by building-wrap manufacturer for sealing joints and penetrations in building wrap.
- 4.16 Section 075500 – Modified Bitumen Membrane Roofing, Paragraph 3.7.B., DELETE verbiage in parenthesis, “(All the existing metal coping system will stay in place).” All coping is new.
- 4.17 Section 075500 – Modified Bitumen Membrane Roofing, Paragraph 3.7.B., DELETE item #1. All coping is new.
- 4.18 Section 087100 – Door Hardware, Paragraph 3.07.B., ADD Hardware Set #18 (for door A112 added in Addendum No. 2) to be as follows:

HARDWARE SET NO. 18

For use on Door Numbers:

A112

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	PANIC HARDWARE	LD-98-L-NL-17	626	VON
1	EA	RIM CYLINDER	20-057 ICX	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
1	EA	SURFACE CLOSER	4050 CUSH	689	LCN
1	EA	KICK PLATE	8400 8" X 2" LDW B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

NOTE: EXISTING FRAME TO REMAIN

VERIFY EXISTING FRAME PREPS FOR COMPATIBILITY OF SPECIFIED HARDWARE

PRIOR TO ORDERING NOTIFY ARCHITECT OF ANY REQUIRED CHANGES

**4.19 Section 087100 – Door Hardware, Paragraph 3.07.B., ADD Hardware Set #19
(for door B104) to be as follows:**

HARDWARE SET NO. 19

For use on Door Numbers:

B104

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5	652	IVE
2	EA	SHEAR LOCK	GF3000 12/24 VDC	335	SCE
1	EA	PUSH PLATE	8200 4" X 16"	630	IVE
1	EA	FLUSH PULL	950	626	IVE
1	EA	SURFACE CLOSER	4050 EDA	689	LCN
1	EA	GASKETING	188SBK PSA	BK	ZER
1	EA	DOOR BOTTOM	364AA	AA	ZER
1	EA	TOUCH BUTTON	MPB100	628	LOC
1	EA	POWER SUPPLY	PS904 900-4R-FA KL900 120/240 VAC	LGR	SCE

DOOR OPERATION:

DOOR NORMALLY CLOSED AND UNLOCKED

WHEN IN USE, HOLDING TOUCH BUTTON LOCKS MAGNETIC LOCK

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RELEASING TOUCH BUTTON UNLOCKS MAGNETIC LOCK
UPON LOSS OF POWER OR FIRE ALARM ACTIVATION, MAGNETIC LOCK UNLOCKS

- 4.20 Section 096723 – Resinous Flooring, Paragraph 2.3, REVISE to be “RESINOUS FLOORING (RES2).**
- 4.21 Section 096723 – Resinous Flooring, Paragraph 2.4, REVISE to be “RESINOUS FLOORING (RES1).**
- 4.22 Section 210500 – Common Work Results For Plumbing For Fire Suppression, ADD Paragraph 3.17 “CONSTRUCTION” and subparagraph A to be as follows:**
- A. The Contractor is required to visit the site, familiarize themselves with the local conditions under which the work is to be performed and as are necessary for construction, and correlate their observations with the requirements of the contract documents. It is assumed that the contractor has obtained, before award of the contract, clarification of all questions as to the intent of the contract documents and of assumed or actual conflict between two or more items in contract documents. Should the contractor fail to obtain such clarification, the architect/engineer shall direct work to proceed by the method indicated, specified or required by contract documents which will produce the best results, as judged by the architect/engineer. Such direction by the architect/engineer shall not entitle the contractor to any claim for extra cost.**
- 4.23 ADD attached Fire Hydrant Flow Test Results as supporting documentation for Section 211313 – Wet Pipe Sprinkler Systems.**
- 4.24 Section 220500 – Common Work Results For Plumbing, ADD Paragraph 3.29.E to be as follows:**
- E. The Contractor is required to visit the site, familiarize themselves with the local conditions under which the work is to be performed and as are necessary for construction, and correlate their observations with the requirements of the contract documents. It is assumed that the contractor has obtained, before award of the contract, clarification of all questions as to the intent of the contract documents and of assumed or actual conflict between two or more items in contract documents. Should the contractor fail to obtain such clarification, the architect/engineer shall direct work to proceed by the method indicated, specified or required by contract documents which will produce the best results, as judged by the architect/engineer. Such direction by the architect/engineer shall not entitle the contractor to any claim for extra cost.**
- 4.25 Section 230500 – Common Work Results For HVAC, ADD Paragraph 3.34 to be as follows:**

3.34 TRAINING AND CERTIFICATION

- A.** Provide factory training for four (4) of the Owner's representatives in a factory training lab working with simulators for the following equipment. Training shall be a minimum of 16 hours each unless indicated otherwise as longer.
 - 1.** DOAS and AHU's.
 - 2.** Variable Speed Drives.
 - 3.** Automatic Temperature Control System/Energy Management System.
- B.** Training shall be performed by a factory-certified professional trainer for five (5) days and at a minimum shall consist of the following:
 - 1.** Controlling, cooperating, and navigating programs.
 - 2.** Maintenance diagnostics, and trouble-shooting.
 - 3.** Service repairs.
- C.** All training shall be on site. Coordinate all times and locations with the Owner.
- D.** Additionally, demonstrations and Training for the ATC/EMS System specified in Section 230900 "Instrumentation and Control for HVAC" shall be in addition to this requirement.

4.26 Section 230500 – Common Work Results For HVAC, ADD Paragraph 3.35.E to be as follows:

- E.** The Contractor is required to visit the site, familiarize themselves with the local conditions under which the work is to be performed and as are necessary for construction, and correlate their observations with the requirements of the contract documents. It is assumed that the contractor has obtained, before award of the contract, clarification of all questions as to the intent of the contract documents and of assumed or actual conflict between two or more items in contract documents. Should the contractor fail to obtain such clarification, the architect/engineer shall direct work to proceed by the method indicated, specified or required by contract documents which will produce the best results, as judged by the architect/engineer. Such direction by the architect/engineer shall not entitle the contractor to any claim for extra cost.

4.27 ADD attached specification Section 323113 – Chain Link Fences and Gates in its entirety.

5.0 Changes to Drawings:

- 5.1 Drawing CS.2, Interior Stud Wall Types, Type S2, ADD STC rating of 44 next to wall type indicator.**

- 5.2 Drawing C1.2 (re-issued in Addendum No. 2), Site Grading and Sediment & Erosion Control Plan, ADD new emergency generator location with fence enclosure. See attached revised drawing.
- 5.3 Drawing A1.2 (re-issued in Addendum No. 2), Partial First Floor Plans, Upper Level Floor Plan, 4/A1.2, where infilling existing window opening, REVISE new masonry indicated to match full thickness of existing exterior wall. ADD the following to the note to read, "CONTRACTOR TO CUT EXISTING SLATE SILL TO FIT REMAINING OPENING AT WINDOW TO REMAIN."
- 5.4 Revised Drawing A3.1 (issued in Addendum No. 2), Detail A/A3.1, REVISE note for "¾" EXT. GRADE PLYWOOD" to be "¾" EXT. GRADE FRT. PLYWOOD".
- 5.5 Drawing A5.1 (re-issued in Addendum No. 2), Details, Existing Masonry – Coping Parapet Detail, 6/A5.1, REVISE dimension of coping face on roof side from 5" to 7".
- 5.6 Drawing A5.2, Details, Existing Masonry – Coping Parapet Detail, 11/A5.2, REVISE dimension of coping face on roof side from 5" to 7".
- 5.7 Drawing A6.1, Room Finish & Signage Schedule; Room Finish Schedule Legend; General Notes, REVISE note #4 to be as follows: "4. ALL HOLLOW METAL DOOR AND FRAMES, INTERIOR AND EXTERIOR IN PROJECT AREAS, SHALL BE PAINTED."
- 5.8 Drawing A6.2 (re-issued in Addendum No. 2), Door Schedule & Hollow Metal Frame Elevations & Details, Door Schedule, Door A101A, REVISE door type to be type N.
- 5.9 Drawing A6.2 (re-issued in Addendum No. 2), Door Schedule & Hollow Metal Frame Elevations & Details, Door Schedule, Door A112, ADD Hardware Set to be 18 (added this addendum).
- 5.10 Drawing A6.2 (re-issued in Addendum No. 2), Door Schedule & Hollow Metal Frame Elevations & Details, Door Schedule, Door B104, REVISE Hardware Set to be 19 (added this addendum).
- 5.11 Drawing P2.2, Partial Floor Plans – Add Alternate, General Notes, ADD General Note #2 to read as follows:
 - 2. All work shown in area designated as Alt. GC-1 is above an existing crawl space. Piping shown below slab to be installed in crawl space. There is approximately 3'-4'+/- of head room (grade to floor) in the crawl space. Grade is dirt covered by plastic.
- 5.12 Drawing E6.1 (re-issued in Addendum No. 2), Electrical Details, Generator Connection and Pads Diagram, 8/E6.1, ADD dimension of concrete slab thickness to be 10".

6.0 Response to Vendor Questions:

6.1 Question #8 (Continuation from previous Addendum): There is not an ironworker rate on the Maryland Prevailing Wage sheet. Which rate should be used for an ironworker?

Response: Prevailing wages for iron workers are included in this addendum.

6.2 Question #9: 1. 096723 – It appears that floor types “RES-1” and “RES-2” are reversed on Finish Schedule A6.1. The typical setup for resinous flooring on CRA projects is for “RES-1” to go in the bathrooms and “RES-2” to go in the Cafeteria/Kitchen areas. This finish schedule shows the opposite. Please advise.

Response: The numbers will be revised in the specification in this addendum so that they will be correct in the finish schedule.

6.3 Question #10: What kind of downspout boot will be required at the roof drain tie-in?

Response: Cast Iron Downspout shoes (boots) are specified in specification Section 055000 – Metal Fabrications. This spec section was revised in Addendum No. 2.

6.4 Question #11: There is a note on Plan Sheet C1.1 that states “Existing pavement to act as a stabilized construction entrance. Contractor shall repair any damage caused by them.” It would be difficult to estimate this cost to repair pavement caused by the Construction Equipment necessary to perform the work. Should the contractor assume this cost in his bid? Or should an allowance be included to cover any repairs if necessary.

Response: An allowance will be added in this addendum for any repair work.

6.5 Question #12: Who is the current vendor who services the existing kitchen equipment?

Response: EMR Company services all hot kitchen equipment and Morton Brothers services all cold equipment. Cloverland services the ice cream boxes, etc.

6.6 Question #13: In specification section 230800 – Commissioning of HVAC, there is a related section referenced from Division 1 (019113 – General Commissioning Requirements) that is not available for review in the provided RFP. If this section exists, please provide it for review, otherwise please advise if you would like us to exclude the section from our scope of Cx Services.

Response: Section 019113 was added in Addendum No. 2.

6.7 Question #14: Identify existing system(s): wet, dry, pre-action, deluge, clean agent?

Response: Wet system.

- 6.8 Question #15: Identify existing and proposed secure penetrations of partitions, ceilings, floors?**
Response: Cannot answer the question. Not sure what is meant by “secure penetrations”.
- 6.9 Question #16: Sprinkler system shut down time(s) and system to be left out of service for duration of project?**
Response: The system will need to be shut down for connection to the proposed fire pump. During shut-down the building will need to be on “fire watch” and this should be coordinated with the fire marshal.
- 6.10 Question: Temporary fire protection, turn sprinklers to upright position?**
Response: In areas where ceilings are removed to accommodate construction and ceilings are removed for an extended period of time, the sprinklers should be turned to the upright position. This should be confirmed and coordinated with the fire marshal prior to construction.
- 6.11 Question: Working hours – days?**
Response: Typical working days will be Monday through Friday 7:00 AM to 3:30 PM. During the school year there is custodial coverage until 10:00 PM Monday through Friday. No work is permitted after 10:00 PM. During the summer months, the typical Custodial day is from 6:00 AM-4:00 PM. However, the Contractor may work later than 4:00 PM (up until 10:00 PM) as long as the School is notified ahead of time of when they would want to work. Weekends are allowed during the school year or in the summer as long as the School is notified ahead of time of the weekend the Contractor would like to work.
- 6.12 Question: Provide acceptable hydrant flow - fire pump test results to perform hydraulic calculations?**
Response: There is no existing fire pump. Fire Hydrant flow test results are provided in this addendum.
- 6.13 Question: Provide existing as-built fire sprinkler drawings?**
Response: As-built fire sprinkler drawings are not available. Contractor shall verify existing conditions in the field.
- 6.14 Question: Drawings – submittals to be stamped and signed by NICET level 4 or FPE-PE?**
Response: Yes, that is correct.
- 6.15 Question: Existing sprinkler mains and branch lines shall be existing to remain, only arm-overs and drops to be revised?**
Response: This shall be coordinated with proposed plumbing/mechanical work. The intent was for all of the work in the existing cafeteria be redone to accommodate new ductwork piping etc.

- 6.16 Question: Pipe shall be black steel, schedule 10 and sch. 40?
Response: Specifications call for schedule 40. Please provide.**
- 6.17 Question: Requirements for Security – Safety classes, fees, badging?
Response: In terms of safety classes, fees, etc. KCPS does not require any. With respect to badging, on past projects, KCPS will work with the General Contractor regarding check-ins and badges for onsite personnel that will be working on the school project on any given day.**
- 6.18 Question: Required documentation for onsite personnel, design and field (birth cert., S.S. card, etc.)?
Response: Contractor onsite personnel will need to have Photo ID in order to be put into the School’s Security Vestibule System so they are vetted prior to being allowed to work in the school.**
- 6.19 Question: Coordination or BIM drawing required?
Response: Yes, this is required.**
- 6.20 Question: Division 21, Section 211313, 3.9: Piping schedule- The existing 2 ½”-6” piping appears to be black Schedule 10. Can Schedule 10 piping be utilized for new 2 ½”-6” pipe, in lieu of the Schedule 40 pipe that is specified?
Response: Provide schedule 40 as specified.**
- 6.21 Question: Division 21, Section 213900, 1.7A: Please confirm that all of the spare Fire Pump Controller parts shall be provided as part of the Base Bid. These are very expensive and want to ensure they are actually required.
Response: Correct. Provide spare parts as indicated in the referenced specification section.**
- 6.22 Question: Division 21, Section 213900, 2.1C: Please confirm that the Fire Pump Controller for the 40-hp Pump is to be Autotransformer type. Usually only furnish that on much larger horsepower pumps.
Response: Provide autotransformer type controller as specified.**
- 7.0 Pre-Proposal Attendance Sign in Sheet:**
- 7.1 None**
- 8.0 Attached Revised Documents and New Documents:**
- 8.1 Added/Revised Specification Sections**
- Ironworker Prevailing Wage Rates**
 - Revised Bid Form**
 - Section 012100 – Allowances**
 - Section 323113 – Chain Link Fences and Gates**

**8.2 Revised Drawings
C1.2**

Respectfully Submitted,

**Kreigh J. Kirby
Accountant
Kent County Public Schools**

Bidders should complete, sign, and return a copy of this Addendum #2 with the project bid. Failure to do so MAY be cause for your offer to be ruled non-responsive and not considered for award.

Vendor Response-

Name of Company:

Address:

Signature of Authorized Person:

Type/Print Name of Authorized Person: