

## ADDENDUM

June 5, 2019

### ADDENDUM # 2

**Bid 19C15, Design Build for Fire Alarm System at Glade Elementary School**

**DUE DATE: FCPS Main Lobby, Tues., June 11, 2019, prior to and time stamped no later than 10:00 A.M.**

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

1. Question: Section 1.4 Section A, Item 8 states the requirement for a DESIGN BUILD FIRE ALARM SYSTEM. Please confirm that the contractor will be required to provide a code compliant fire alarm system and not a one for one device fire alarm system replacement. **Answer: The design build fire alarm system shall meet all code requirements; the project is not a one for one fire alarm component replacement.**
2. Question: Section 1.10 Section A, Item 4. Will the contractor be required to utilize a minimum of #12AWG in place of #14AWG wire for notification appliance circuits should the approved fire alarm system demonstrate proper voltage drop calculations with #14AWG wire? **Answer: Item 4 requires #12AWG wire Provided #14 AWG wire will provide correct voltage to the notification devises, and the design calculations verify that the system will not have voltage drop effecting the notification devises then #14 AGW wire will be permitted.**
3. Question: Section 1.10 Section B, Item 2 G. Please confirm the Siamese connection location and type of exterior water flow alarm device required. **Answer: Siamese connection and water flow device identified on Addenda drawing.**
4. Question: Section 1.11 Section A states that the main fire alarm control panel shall be a Silent Knight Farenhyt IFP-2100 or approved equal. Will a Simplex 4100 or Auto call 4100 fire alarm control panel be considered as acceptable substitutions? Section 1.11 Section C Item 4 states requirements for "Supports IDNET and True Alarm Devices". It's our understanding that both the Simplex 4100 and Auto call 4100 fire alarm control panels support this protocol. **Answer: Silent Knight Farenhyt IFP – 2100 is the intended design reference and desired product to be installed. Should a contractor desire to submit a substitution request for Simplex 4100, Auto call 4100 or any other system. The contractor will be required to submit detailed conformation of the substitution with documented equivalence confirmation and shall clearly identify items not conforming. IE, FCPS received a substation request for a fire alarm panel that had a built-in amplifier driver which is not part of the Silent Knight Farenhyt IFP system and as such the proposed system was rejected. The Silent Knight Farenhyt IFP fire alarm systems are proprietary which is a requirement of this bid.**
5. Question: Section 1.13 Section A states the requirement for 10 minutes of battery backup in full alarm mode. Please confirm that the approved fire alarm design should incorporate the 10 minutes of battery backup in place of 15 minutes battery backup in full alarm mode. **Answer: Provide Battery back-up as required by current code and local AHJ.**
6. Section 1.15 Section A states the requirement for white audible/visible devices with red lettering. Please confirm this requirement. The existing building devices included white ceiling mounted speakers and visual strobes with red back plates. **Answer: Provide White device housing / mounting plates with red lettering. The lettering shall be "ALARM".**

7. Question: Section 1.15 Section A states the requirement for contractor to connect new fire alarm panel to the existing FCPS 411-UDAC. It's our understanding that FCPS will provide a new cellular communicator in place of the 411-UDAC for final connections. Please confirm. **Answer: The new fire alarm system is to be connected the existing FCPS 411-UDAC equipment. This project requires the bidder to provide, install and connect to a IPGSM-4G communicator which will be used after FPCS awards a new bid for Monitoring services. The contractor shall also provide digital contact id information on an USB drive that can be down loaded be the monitoring services identifying the alarm devices and location. At system start up the 411-UDAC equipment will be utilized opposed to contact ID descriptions.**
8. Question: Section 1.17 Section B states the requirement for contractor to provide STI-1100 Pull Station Covers for all pull stations. Please confirm that school management will require covers at all locations. **Answer: Provide and install Pull Station Covers for all pull stations. In the event a pull station cover is problematic due to special issues, the pull station cover shall be provided to FCPS.**
9. Question: Section 1.24 Section A states the requirement for a "remote microphone at the main entrance." During the pre-bid meeting, it was discussed that the remote microphone console shall also include controls that mimic those located at the main control panel. Please confirm. **Answer: The system is to be installed with the complete fire alarm system installed in the maintenance area where the existing fire alarm system currently exist. A location with in that same room another location shall be identified for the new equipment to be installed. A remote fire alarm panel shall be provided and installed with all functionally, led readout and fire department microphone in the front vestibule.**
10. Question: Section 1.25 Section B states the requirement for a "PS-8 Unit" with provisions for an PS-EXP module. Please confirm that winning contractor may utilize a code compliant, UL Listed, manufacturer compatible power supply in place of the PS-8 unit. **Answer: All equipment provided shall be provided by the same manufacturer / supplier.**
11. Question: Section 1.28 Section D please refer to question #6 listed above. **Answer: The project was generically reviewed with the AHJ, specific information has not been reviewed as this is a design build project requiring specific information to be provided by the awarded low bidder. The AHJ has indicated that they have been reviewing projects quickly. FCPS does not anticipate issues with the review provide the awarded contractor delivers all necessary documents, calculations and drawings to the AHJ for review.**
12. Question: Section 1.28 Section K due to the fast pace nature of this project has FCPS discussed this project with Frederick County Plans Review Office? Have any provisions been made to fast track this project for approval to meet FCPS's project deadline? **Answer: Certified SBE can be used in place of an MBE provided the SBE is registered, licensed in Maryland and the SBE has a MDOT number.**
13. Question: Please confirm that existing elevator controller is capable of receiving signals for primary, alternate and fireman's hat signals. **Answer: The current elevator is integrated into the existing fire alarm system as required by code. The replacement fire alarm system should integrate to the same points accordingly.**
14. Question: Please confirm that existing elevator power source is capable of receiving a closed contact for initiating a shunt trip. **Answer: I assume this question is directly related to elevator recall, with that said the elevator is equipped with elevator recall and the new fire alarm system shall be integrated to provide the same recall service. The fire alarm contractor shall employee the services of the elevator manufacturer as necessary to accomplish integration between the fire alarm system and the elevator.**
15. Question: Please confirm that generator is capable of initiating dry contact closures for elevator "run" and "fault" signals. It is understood that winning contractor will work with FCPS Central Monitoring Station for transmission of weekly test signal during an agreed upon time (either through email or phone correspondence). **Answer: The generator shall initiate a supervisory alarm only, run signal shall not initiate the fire alarm due to the required emergency testing requirements. The fire alarm contractor shall employee the services of the generator manufacturer as necessary to accomplish integration between the fire alarm system and the emergency generator.**

16. Question: Please confirm if a Certified SBE can be used in place of an MBE. **Answer: Yes.**
17. Please confirm installation location of the two addressable monitoring points for the future “Portables” fire alarm monitoring. **Answer: The two addressable dual point monitoring modules shall be located in the maintenance area with the new fire alarm equipment.**
18. Question: Please confirm that FCPS will provide the nomenclature for exterior doors prior to contract award. This nomenclature will affect the fire alarm system device labeling, submittals, and monitoring points list. **Answer: The door descriptions are identified on the addendum drawing.**
19. Question: Please confirm that FCPS will provide storage for fire alarm equipment, material, tools, and lift onsite for the duration of this project. **Answer: Storage location will be identified for the fire alarm equipment wire and devices in the building which the contractor shall have access. The lift can be stored in site at a location acceptable to the school administrator.**
20. Question: Please confirm that the fire alarm system will be required to tie into ANSUL System. **Answer: This school is a cooking facility and as such the fire alarm shall be connected to the Ansul System.**
21. Question: Please confirm permitted working hours and dates when the school will be unoccupied / occupied. **Answer: The school system is on a 4 ten-hour work day over the summer, hours to be determined. Should the contractor require access on Friday, Saturday or Sunday arrangements can be made when 72-hour notice is provided. After school starts next year, the contractor will be required to work after school hours and may not be allowed to work when school events occur. Back to school night is a prime example when the building must be cleaned and orderly for parents and students to attend back to school night. At times back to school night has occurred on two or three different days when needed to accommodate the student and parents.**
22. This Addendum includes the following attachment(s):
- a. Drawing - Exterior Door Reference Names (1 page)

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

Sincerely,

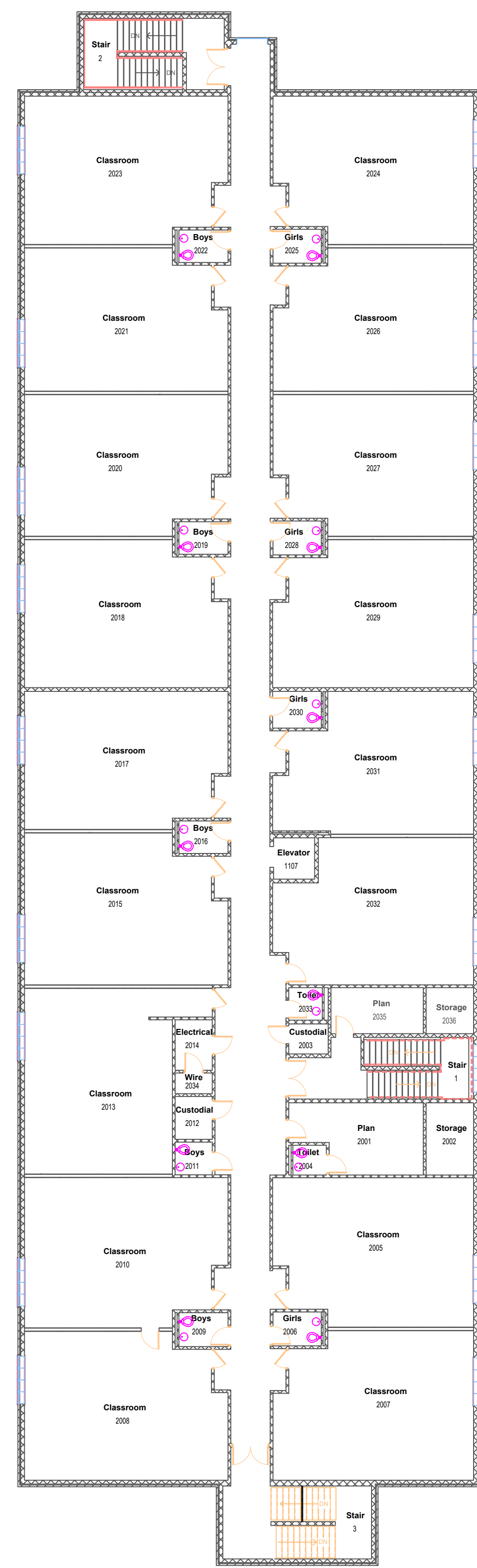
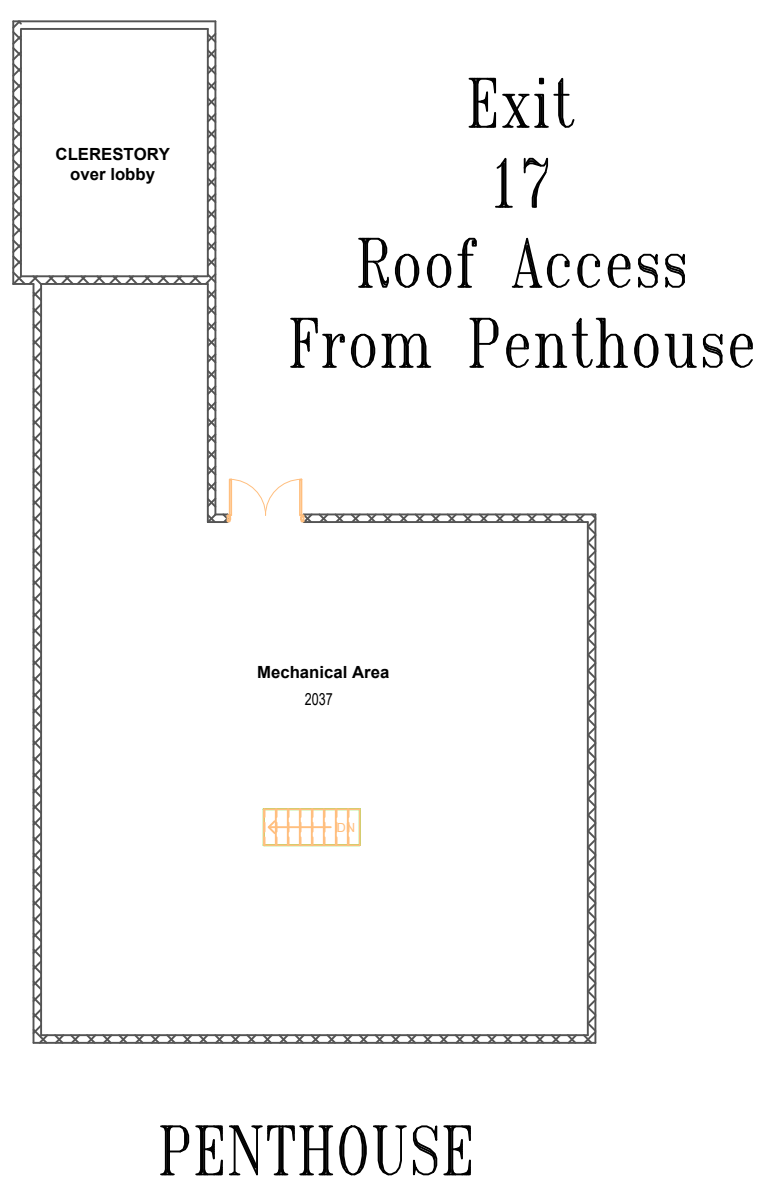
*Kim Miskell*

Kim Miskell, CSBO,  
Assistant Purchasing Manager


Attachments

km/ab

pc: Tony Ray, Project Manager III, Construction Management



General Notes



Frederick County Public Schools  
Reach. Challenge. Prepare.

No.	Revision/Issue	Date

Firm Name and Address

FREDERICK COUNTY PUBLIC SCHOOLS  
OPERATIONS DIVISION  
CONSTRUCTION MANAGEMENT DEPT.  
FREDERICK, MARYLAND 21701-5918  
PHONE 301-644-5176

Project Name and Address

Glade Elem  
  
9525 Glade Road  
  
Walkersville, MARYLAND 21793

Project Fire/Security Monitoring	Sheet 1
Date 5/30/2019	
Scale 1/16" = 1'	