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July 22, 2019

Ms. Jamie Carter  
Purchasing Manager  
Spotsylvania County Schools  
8020 River Stone Drive  
Fredericksburg, VA 22407

Re: Addendum #1 for Interior Lighting Replacement for  
Berkeley Elementary, Livingston Elementary,  
Riverview Elementary, Thornburg Middle,  
and Spotsylvania High – Bid # 07252019-1400  
AEG Comm. No. 15055-2

Dear Ms. Carter,

Please see attached for Addendum #1. The addendum is a mix of front end spec questions and corrections to some of the drawings and can be easily incorporated into each bidders' bid documents.

Respectfully submitted,

A handwritten signature in blue ink that reads "Randall O. Spencer".

Randall O. Spencer, P.E., RCDD



The following changes, corrections, deletions, clarifications, and/or additions constitute Addendum No.1, and are now part of the bid documents and shall be followed and use in conjunction with specifications and drawings for bidding an construction. Please acknowledge receipt of this Addendum No.1, dated July 22, 2019 on the Bid Form when returning your Bid package. Failure to acknowledge this addendum may result in your bid being declared non-responsive. All other general terms, conditions and specifications shall remain the same.

## REVISIONS TO THE SPECIFICATIONS

None.

## REVISIONS TO THE DRAWINGS

### ELECTRICAL

General:

Berkeley Elementary School –

- ***The battery devices in the new light fixtures in classrooms shall be changed to generator transfer devices nPP16-er nlight or equal (one per classroom).***
- ***Classrooms without batteries shall have one npp16-er nlight transfer device or equal located in the fixture near a corridor.***
- ***The library shall have five npp16-er transfer device.***
- ***Larger spaces like the cafeteria, gym, kitchen and etc., shall have a one for one swap out of batteries to npp16-er.***
- ***Corridors will have the existing emergency circuits reconnected to the newest corridor lighting installed in the ceiling system.***
- ***The kindergarten classroom will still have battery devices.***
- ***All other spaces Offices and toilet will have batteries were indicated.***

Livingston Elementary School –

- ***The battery devices in the new light fixtures in classrooms shall be changed to generator transfer devices nPP16-er nlight or equal (one per classroom).***
- ***Classrooms without batteries shall have one npp16-er nlight transfer device or equal located in the fixture near a corridor.***
- ***The library shall have five npp16-er transfer device.***
- ***Larger spaces like the cafeteria, gym, kitchen and etc., shall have a one for one swap out of batteries to npp16-er.***
- ***Corridors will have the existing emergency circuits reconnected to the newest corridor lighting installed in the ceiling system.***
- ***The kindergarten classroom will still have battery devices.***
- ***All other spaces Offices and toilet will have batteries were indicated.***

Riverview Elementary School –

- ***The battery devices in the new light fixtures in classrooms shall remain.***
- ***The library light fixtures shall have batteries as indicated.***
- ***Larger spaces like the cafeteria, gym, kitchen and etc., shall have battery devices as indicated.***
- ***Corridors will have the existing emergency circuits reconnected to the newest corridor lighting installed in the ceiling system.***
- ***All other spaces Offices and toilet will have batteries were indicated or not indicated.***



Thornburg Middle School –

- **The battery devices in the new light fixtures in classrooms shall remain.**
- **The library light fixtures shall have batteries as indicated.**
- **Larger spaces like the cafeteria, gym, kitchen and etc., shall have battery devices as indicated.**
- **Corridors will have the existing emergency circuits reconnected to the newest corridor lighting installed in the ceiling system.**
- **All other spaces Offices and toilet will have batteries were indicated.**

Spotsylvania High School -

- **The battery devices in the new light fixtures as indicated except for the corridors.**
- **Corridors will have the existing emergency circuits reconnected to the newest corridor lighting installed in the ceiling system.**
- **The existing 120 volt emergency lighting distribution current in rooms shall remain unchanged.**

Sheets:

**E2.1.1**

-IN THE SERVER ROOM IT SHOWS THE FIXTURE TO BE A 3/32-2. **Provide LED-1 fixtures.**  
- MISSING A SWITCH IN SE CLASSROOM. **Provide and SD2 zoned dimmer.**  
-MISSING A BATTERY FIXTURE IN SE CLASSROOM, ART LAB AND MUSIC LAB. **See above over for description of the generator circuits in those room and provide an npp16-ER.**

**E2.2.1**

-MIDDLE 4<sup>TH</sup> GRADE CLASSROOM HAS NO "PC". **Provide one PC.**

**E2.2.2**

-NO SWITCH ON STORAGE ROOMS. **Provide ceiling mounted occupancy sensors in rooms.**  
-BATHROOM OFF CLINIC SAYS AND 1<sup>ST</sup> GRADE BATHROOMS LED-10 BUT DRAWN AS LED-4. **Use LED-10 for wall mount and use LED-4 for surface mount.**  
-FIXTURES IN STORAGE ROOM @ BOTTOM RIGHT HAVE NO DESIGNATION, LOOKS LIKE LED-4. **Two LED-4s. Provide two LED-4s in IDF by office.**

**E2.3.1**

-LIGHTS IN KITCHEN CORRIDOR ARE THEY LED-2 OR LED-6. **All are kitchen as LED-6.**

**E2.3.2**

-NO "PC" IN OFFICE TOP LEFT OF PART B. **Provide one PC in all three offices and control all lights.**

**E2.3.3**



MISSING BATTERY FIXTURE @ DOOR IN TOP LEFT CLASSROOM, THE BIG ROOM, BATHROOM, CENTER CORRIDOR AND ALL CLASSROOMS AT THE TOP. **See notes above for Riverview and provide batteries in those types of spaces.**

#### **E2.4.2**

-MISSING "PC" IN CHORUS ROOM. **Provide PC.**  
-ALL ROOMS TO THE RIGHT OF CHORUS ARE MISSING "OS" OR SWITCH. **Provide switch in electrical room and ceiling mounted occupancy sensors in the other rooms.**  
-BAND ROOM MISSING SD2 SWITCH. **Provide one SD2 by the door.**

#### **E2.4.3**

-MISSING BATTERY FIXTURE IN CLASSROOM AND CONFERENCE ROOM OF CENTER POD.  
-- LIGHT IN CENTER ELECTRICAL ROOM HAS NO DESIGNATION

#### **E2.4.4**

-TOP LEFT MECHANICAL & ELECTRICAL ROOMS HVE NO SWITCHES. **Provide switches at each door.**  
-ROOM 114 & 116 HAVE NO BATTERY FIXTURES @ DOORS. **Provide batteries at each door.**  
-DRAMA ROOM HAS ONLY 1 "PC". **OK**

#### **E2.4.5**

-NO SWITCHES IN 2 WORKROOMS, CLASSROOMS 112, 110, 108 & 107. **Provide SD2 switches in workrooms and classrooms.**

#### **E2.4.6**

-NO SWITCHES IN ROOMS 217, 226, IN STORAGE ROOM BETWEEN 222 & 224 & WORKROOM  
-NO BATTERY FIXTURES IN CORRIDOR, BOYS TOILET, WORKROOM, MECHANICAL ROOM AND CLASSROOMS 218 & 223. **Corridor has generator circuits. See general notes above. Provide batteries in all other room in question.**

#### **E2.4.7**

-NO "OS" OR "PC" IN ROOM 212. **Provide one (OS) and one (PC). Control four fixtures with PC.**  
-NO BATTERY FIXTURES IN ROOMS 206, 208, 210 & 212. **Provide battery at door in each room.**

#### **E2.5.2**

-MISSING "OS's" IN TEAM ROOM #3. **Provide five (OS).**

#### **E2.5.7**

-NO SWITCH IN FACULTY OFFICE OR CLASSROOM BLOW (RIGHT). **Provide two SD2 switches in office. One at each door. Provide a SD2 in the classroom.**

#### **E2.5.8**

-RECEES CANS IN CLOSETS ABOVE ROOM 127 HAVE NO DESIGNATION. I USED LED-10. **Yes in both closet, provided a LED-10.**



### **E2.5.9**

-NO BATTERY IN BOTTOM LEFT BATHROOM. **Provide one battery in toilet.**

### **E2.5.10**

-NO BATTERY LIGHTS IN CLASSROOM OF LOWER CENTER POD AND UPPER RIGHT CLASSROOM. **Provide batteries at each of the doors.**

### **PRE BID SIGN IN SHEET**

See Attached.

### **QUESTIONS**

1. Group 1.

Question 1: Is there a requirement for warranties for parts and labor? If so, how long of a period of time will warranties last? **Labor is 1 year from final completion, parts (lights and controls) 5 years from final completion.**

Question 2: Is this a rebate driven program? If so who will retain the rebates? **No**

Question 3: How will progress payments be determined on this contract? **Using the AIA G702 & G703 series documents for showing materials on hand and materials installed with 5% retainages. Payments are based on the percentage of material on hand and stored and installed.**

2. Group 2.

Regarding Bodily Injury, Property Damage, Products and Completed Operations, Comprehensive Automobile Liability, X.C.U. and Additional Insurance; will you accept a \$9M umbrella/excess to satisfy the hire of individual limits? **No, you must have both. One umbrella policy will not be accepted.**

Will this project require property insurance? **Yes, see General Conditions.**

Will this project required performance bonds? **Yes, see General Conditions.**

Individuals may be added to the project in 2020 and 2021, who are not currently employed by our company. With regards to Code of Virginia §22.1-296.1, we would not be able to list these individuals on the current certificate of compliance. Will it be acceptable to provide that certification on a rolling basis for individuals who may be added to the project crew? **Yes, you may add qualifying individuals later that are not currently employed by your company.**

3. Group 3.

There are switches labeled S<sup>M</sup>, but they are not explained on the Electrical symbols. What are they? **Low voltage motion switches use in small rooms.**

#### **Livingston Elementary**

Part A: 1. What is the fixture in the Janitor closet outside of the P.E. office? What switch should it have? **Ceiling occupancy sensor.**



2. What switch(s) should be in the gym? (none labeled) **Two sets of dimmers SD2 with vandal covers at the two exit doors.**

3. Should there be a switch/occupancy sensor in the closet of the girl's bathroom?  
**Ceiling occupancy sensor.**

Part B: 1. Area off of the cafeteria has a fixture with no label. Is it an LED-3? **Yes LED-3.**

2. Should there be an occupancy sensor in the boy's bathroom? **Yes.**

Part C: 1. There are 5 small rooms without switches or sensors. What should go in these?  
**Ceiling occupancy sensor.**

#### Berkeley Elementary

Part B: 1. There are no fixtures in the boy's or girl's bathrooms. What fixture/how many?  
**Existing to remain.**

Part C: 1. Between locker rooms, there is no fixture label. Is it LED-8? **All Fixture are labeled or noted.**

2. Are the fixtures in the corridor off of the gym LED-2? **All Fixture are labeled or noted.**

#### Riverview Elementary

Part A: 1. Are the gym fixtures connected to the emergency circuit? **See general above.**

Part D: 1. The whole top section has 0 emergency fixtures. Is this correct? **Add 20 batteries one in each classroom, toilet and the remainder in the library.**

2. Left side looks like there could be 2 more photocells to match the other side where there's 6? **Correct as is.**

#### Thornburg Middle

Part A: 1. Are these emergency fixtures or occupancy sensors in the gym? **Batteries, the fixtures have built-in occupancy sensors.**

Part B: 1. 4 small rooms in between the chorus and band rooms without sensors or switches?  
**Provide occupancy sensors in all but the electrical room, which gets a toggle switch.**

2. Small storage room by kitchen does not have switch. What should it have? **Ceiling mounted occupancy sensor.**

3. No Switch specified in the band room. Assuming a SD<sup>2</sup>? **Provide SD2 in band room by corridor door.**

Part C: 1. Confirm the Library fixture LED-1? **It is just like a classroom LED-1.**

2. No switch labeled for small storage rooms off of the Main office? **Ceiling mounted occupancy sensor.**

Part D: 1. There is no label for a switch in the electrical room of the mechanical room?  
**Standard switch due to hazardous equipment or work.**

Part E: 1. Assuming the 4 classrooms with out switch labels are SD<sup>2</sup> switches? **SD2 in each classroom.**

2. Should there be a switch in the faculty work room? **SD in each office type space.**

3. Should there be a switch in the center work room? **SD in each office type space.**



2<sup>nd</sup> Floor Part D: 1. No emergency back up fixtures in classrooms 215 and 223? (might be the room #s) **Provide one battery in each 218, 223, Elec RM, Toilet, Work RM, Boys RM. Provide three batteries in Mech RM.**  
2. Is a switch needed in the room between classes 222 and 224? (might be room #s) **This is a prep room and needs two dimmers and one battery.**

2<sup>nd</sup> Floor Part E: 1. No daylight, occupancy sensors or PC fixtures in rooms 204, 206, or 212? **Provide PCs in 204 and 207. Only two lights are controlled in each room by the PCs. Provide PC in 212 and connect four lights to the PC.**  
2. Office between 204 and 206 need a daylight sensor? **Provide a PC in office and office 229. The PCs shall control all fixtures. The office next to 206 shall have an occupancy sensor.**

#### Spotsylvania High

Part A: 1. All three gyms, are these occupancy sensors or emergency back up fixtures? **The occupancy sensors are in built into the fixtures. The (B) are batteries.**

Part B: 1. No switches in the locker rooms? **Correct**

Mezzanine Part B: 1. No emergency fixtures? **Emergency circuit is already connected to fixtures.**

2. Height of the stairs, can we get lift up? **Ladder will work and mezzanine is ceiling deck is not very high.**

Part C: 1. Is there a switch in the kitchen? **Yes**

2. What should the switch be in the small class room? **Provide a single zone dimmer.**

3. 3 small rooms with no switches or sensors. (1 storage, 1 closet, 1 not labeled).

**Provide ceiling mounted occupancy sensors.**

4. Should the clinic have switches in the small rooms? **Provide dimmers in each room.**

Part D: 1. What kind of lighting controls do they currently have? (Phase dimming, DX, etc.) **SCR Dimmers.**

2. No switches in the main or upper area? **Tie into existing controls.**

3. No emergency back up fixtures? **Emergency circuits are already there, reconnect**

Part G: 1. What switch goes in the faculty office space? **Provide two dimmers at the exit doors**

Part I: 1. What switch should go in the big lecture room? S<sup>D2</sup>? **Provide four SD2 one at each door.**

2. Should there be a switch in the work rooms off of the lecture hall? **Provide SD in each room.**

3. No fixture in the Paint room? **It is existing and explosion proof to remain.**

Part G 2<sup>nd</sup> Floor: 1. No switch in the small closet by the stairs. Should there be one? **Provide a ceiling mounted occupancy sensor in the space.**

#### 4. Group 4.

Berkeley ES, The "B" Battery backups are stamped externally from the fixtures, and noticing on Livingston the "B" 's are stamped on or appears to be built into the fixture. Can you clarify this for me? **The batteries can be install within most fixtures and is decided by the manufacturer of the respective fixture. Most small shaped fixtures will require the battery to be on the outside of the fixture. The location of the battery on the drawings do not indicate whether the batteries are in inside or outside the fixture. That will be decided by the manufacturer.**





5. Group 5.

1. Summary of Work Section 1.7 Time of Work "" During the school year work will be allowed during the hours of 7:00 a.m. to 4:00 p.m., Monday through Friday. The Owner will accommodate later work hours and weekends, however keys and access codes will be assigned to the Contractor."

The bid documents state working hours are to be 7:00am to 4:00pm Monday through Friday. It was stated at the pre-bid conference that work may only take place after school hours. Please confirm which is correct. **The answer is both. When the school is not being used, hours are as stated above (holidays, snow days, workdays and summer). All other times will be after classes are over until 11:00. Weekend ours will be similar to the above stated hours. The school system will work with you on school availability for work.**

The project will require phasing as the spaces will need to be vacated by the client during work. Please confirm how many classrooms/spaces will be allocated to the contractor at any one time. **You have two years to do the work. Any classroom, section of corridor, small spaces, office spaces and similar are available at any of the times or periods listed above. The Large spaces can be done over holidays or summer.**

2. The bid documents have a listed completion date of 8/21/2021, please provide the anticipated start date for construction. **Seven days after the bid is approved by the school board. Approximately 3 to 4 weeks after receipt of the bids.**
3. Please confirm if hazardous materials are present in any of the schools. If there are, please provide hazmat reports. **For the work we are doing, no hazardous materials other than the lamps being removed.**
4. Please confirm the client will provide space in one of the work areas at each school to serve as a laydown and field office area. **No, provide conex boxes to hold materials. Contractor to provide storage off site if needed. The school system will provide areas at each school for the conex boxes.**
5. Please confirm the requirements for temporary barriers. Will deck to deck barriers be required? Are there any fire rating requirements? What are the requirements for temporary doors? **Batteries should fit inside most fixtures. All other batteries should be above ceiling beside the fixture or mounted on top of the fixture. All batteries outside of a fixture shall be in an enclosure suited for the battery.**
6. Please confirm there is conditioned space within each school for storage of existing ceiling tiles. **Yes, there are storage rooms for storing existing ceiling tiles.**
7. Due to the configuration and ceiling height of the Auditoriums (see the attached photo as an example), work will require the erection of scaffolding to complete this work. This will result in the closure of the auditorium for a significant period of time during the construction work. Please confirm this work may only take place during the summer breaks of 2020 and 2021. **Yes**
8. Please confirm if any of the auditorium ceilings are to be painted or modified. **No, only to the extent to insert the new fixture.**





9. What floor protection requirements are there for work within the gymnasiums? ***You must protect the floor. If you damage it, you fix it. Standard methods for using floor panels under the equipment should be used to prevent floor damage from the equipment sitting still or moving.***
10. Due to the size and ceiling height of the gymnasiums (see the attached photo as an example), work will result in the closure of the gymnasium for a significant period of time during the construction work. Please confirm this work may only take place during the summer breaks of 2020 and 2021. **Yes**
11. Please confirm no adjustments of sprinklers, HVAC, or fire alarm will be required. **Correct**
12. Please confirm all existing furniture including furnishings, equipment, and computers are to be moved and/or protected and reinstalled prior to school operations. ***The contractor will move desk and chairs. The owner will move electronics. At the end of each day rooms will be restored for use by the school the next morning. Gyms and auditoriums will be sectioned off as needed.***
13. Please confirm any security/custodian costs associated with performing night, weekend, and holiday work will not be charged to the contractor. ***Correct, you have a lumps sum bid. The owner's staffed is covered by the owner.***
14. Please confirm the contractor is to adjust the ceiling grid and provide matching tiles as needed for the new lighting layout. **Correct**
15. Please confirm award for this IFB will be made to one prime contractor for all of the schools selected by the client for award. **Correct**
16. Please confirm that all schools may not be awarded due to budgetary constraints. ***Correct, depending on the budget and the bid prices.***
17. Due to the 2 year schedule, will the client issue substantial completion for each school upon completion of work for said school. This will have a significant effect on the 5 year warranty cost. ***You are paid each month based on the work completed. Warranties will start once a school is completed and a substantial completion report is done on all items needing correction have been completed.***
18. Please confirm the warranty period will start upon substantial completion of each school. ***See above***
19. Please confirm the contractor is to provide and install a stainless steel blank plate for any switches removed under this contract. ***Any empty out let box left due to this work will be covered by the contractor with 302 stainless steel covers.***
20. Please confirm each school will require attic stock of 4 fixtures for each type of fixture provided. ***For quantities of greater than 50 provide 4 extra at each school. 49 to 21 provide 3 extra at each school. 19 to 11 provide 2 extra at each school. 10 down provide 1 extra at each school.***
21. This is new work, correct? Please confirm the contractor is not responsible for painting existing items which are to remain ? ***Painting of damages and repairs, new brackets etc will be required.***



10 | Addendum #1 for Interior Lighting Replacement for  
Berkeley Elementary, Livingston Elementary,  
Riverview Elementary, Thornburg Middle,  
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AEG Comm. No. 15055-2

6. Group 5.

1. Can we provide pricing for both specified fixtures and a VE fixture package that can meet all the specifications?

**Response: *At this point only one did. VE can be done with low bidder if cost is two high.***

2. RD4M4 LED-11 is a pendant linear round up and down light.

**Response: *Peerless Lighting.***

**End of Addendum #1**





Spotsylvania County Public Schools  
Purchasing Department  
Pre-Bid Sign-In Sheet

IFB # 07252019-1400

Date/Time: 07/18/19 10:00 AM

Title: Interior Lighting Replacement

| NAME             | COMPANY                         | EMAIL  |
|------------------|---------------------------------|--|
| Tyler Rice       | American Energy Services        | <a href="mailto:Trice@aeservices.us">Trice@aeservices.us</a>                               |
| Justin Garton    | Lightserve Corp.                | <a href="mailto:Justin@light-serve.com">Justin@light-serve.com</a>                         |
| Mike Morris      | SCPS                            | <a href="mailto:mmorris@scs.k12.va.us">mmorris@scs.k12.va.us</a>                           |
| Randy Spencer    | AEG                             | <a href="mailto:rspencer@ascenteg.com">rspencer@ascenteg.com</a>                           |
| Brian Strangways | Independent Lighting            | <a href="mailto:brian@independentlighting.com">brian@independentlighting.com</a>           |
| Ryan Byrnes      | Independent Lighting            | <a href="mailto:ryan@independentlighting.com">ryan@independentlighting.com</a>             |
| Tom Sellers      | H. H. Electric                  | <a href="mailto:toms@hhelectricinc.com">toms@hhelectricinc.com</a>                         |
| Alex Hopp        | Athena Construction Group, Inc. | <a href="mailto:alex@athenaconstructiongroup.com">alex@athenaconstructiongroup.com</a>     |
| Nabil Awwad      | Wes Mart Inc.                   | <a href="mailto:nawwad@wesmartinc.com">nawwad@wesmartinc.com</a>                           |
| John Cosgrove    | Essential Contractors           | <a href="mailto:jcosgrove@essentialcontractors.com">jcosgrove@essentialcontractors.com</a> |
| Becky Jester     | Triad Electrical Solutions      | <a href="mailto:bjester@triadgroup-inc.com">bjester@triadgroup-inc.com</a>                 |
| Eric Sweeney     | Design Electric                 | <a href="mailto:esweeney@designelectric.com">esweeney@designelectric.com</a>               |
| Daniel Seighman  | ESV, Inc.                       | <a href="mailto:dan@esvinc.biz">dan@esvinc.biz</a>   |

|                 |                                 |  |
|-----------------|---------------------------------|--|
| William Bellows | Express Electric Co.            | <a href="mailto:wbellows@expresselec.com">wbellows@expresselec.com</a>                 |
| Jeff Crowder    | Hazzard Electrical LLC          | <a href="mailto:jeff@hazzardelectrical.com">jeff@hazzardelectrical.com</a>             |
| Jamie Carter    | Spotsylvania Schools Purchasing | <a href="mailto:jlcarter1@spotsylvania.k12.va.us">jlcarter1@spotsylvania.k12.va.us</a> |
| Rusty Davis     | SCPS                            | <a href="mailto:rrdavis@spotsylvania.k12.va.us">rrdavis@spotsylvania.k12.va.us</a>     |
| Connor Starrs   | Lightserve                      | <a href="mailto:connor@light-serve.com">connor@light-serve.com</a>                     |

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