

**ADDENDUM NO. 1**

**2017 SINKING FUND IMPROVEMENTS  
HIGH SCHOOL CORRIDOR IMPROVEMENTS  
OWOSSO PUBLIC SCHOOLS  
OWOSSO, MICHIGAN**

**TO: ALL PROSPECTIVE BIDDERS ON THE SUBJECT PROJECT**  
**RE: CHANGES TO BIDDING DOCUMENTS**

**Acknowledge Receipt of this Addendum on Page P-1  
of the Bidform (Proposal) where indicated.**

**Please see the enclosed information:**

1. Pre-Bid Meeting Minutes
2. Pre-Bid Meeting Sign-In Sheet

**Specifications:**

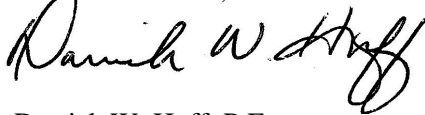
1. Remove Table of Contents and replace with revised Table of Contents
2. Remove Bidform page C-410-3 and replace with attached C-410-3.
3. Add attached Interior Lighting Spec 26 51 00.

The following is a list of items that are relevant to the bid and the bidders and change or clarify the bidding documents:

1. All Conduit and exposed materials in ceiling space are to be painted.
2. The building is in use over summer and contractor shall coordinate work in order to maintain access (particularly office and gym) throughout the project.
3. Existing High School drawings will be available via dropbox.  
<https://www.dropbox.com/sh/vi0jfu3whqbcjgn/AAB8DHhwtDIHdl1MsP5JpGaMa?dl=0>.

Please sign the Acknowledgment below and attach this Addendum No. 2 to the front of your bidding document. Acknowledge the same in the Bid Form (Proposal).

Prepared by:  
SPICER GROUP, INC.



Darrick W. Huff, P.E.  
Project Manager  
February 24, 2017

**ACKNOWLEDGMENT**

BIDDER: \_\_\_\_\_

BY: \_\_\_\_\_

DATE: \_\_\_\_\_

## MEETING MINUTES

### 2017 Sinking Fund Improvements High School Corridor Improvements Owosso Public Schools

#### Mandatory Pre-Bid Conference Wednesday February 22, 2017 at 3:30 PM

1. Introductions – See attached Sign-In Sheet.
2. Addendum to be issued by Friday. Bid opening is **March 1, 2017 at 3:00 PM** at the Administration Building – 645 Alger St.
3. This is not a prevailing wage job.
4. Substantial Completion **August 15, 2017** for all work, with final completion 1 week prior to the first week of school for the 2017– 2018 school year.
5. Liquidated damages of \$500.00 per day are applicable for not completing the work within the allotted time, per the specification. (Agreement, Article 3)
6. State of Michigan background checks are required for all contractor personnel that are to be on site.
7. Contractors are encouraged to schedule a follow-up site visits by contacting: John Klapko, Director of Operations, Owosso Public Schools, (989) 729-5701, cell: 989-413-5246. The building will be made available for Contractor inspection after students are out of the building, by appointment only.
8. “Owners Discretionary Allowance” funds are not the contractor’s money. All funds not used will be a credited back to the Owner before final payment. (Section 01 20 00, Part 1.2, and Bid Form, Item 7)
9. All questions concerning plans and specifications are to be directed to Darrick Huff, Spicer Group, Inc. at (989) 754-4717, or darrickh@spicergroup.com.
10. Work place safety is the responsibility of the Contractor.
11. The contractor, shall provide the owner with a proposed work plan for review and approval, prior to award of the contract.
12. Bi-weekly progress meetings will be held during construction. Meetings will be the responsibility of the General Contractor and attendance by all contractors and sub-contractors working on this project is required.
13. All questions in this meeting will be addressed to all bidders via an addendum and posted the Spicer Group, Inc. website. As part of registering on the website for plans/specifications, you were asked to provide an email address. You will be notified through that email address when addendum(s) are posted to the website.

14. Contractor is responsible for all project coordination as discussed in Section 01 11 00, including but not limited to:
  - A. Coordinate scheduling, submittals, and Work of the various Sections of specifications to assure efficient and orderly sequence of installation of interdependent construction elements.
15. Work shall be performed in non-student occupied areas during school hours with the advanced approval of the school district.
16. Review Bid Form and Scope of Work.

BID FORM

1.	Lump Sum	Ceiling Demolition (approx. 38,000 sf)	\$ _____
2.	Lump Sum	Electrical Demolition (approx.. 38,000 sf)	\$ _____
3.	Lump Sum	Ceiling Intumescent Paint (approx. 38,000 sf)	\$ _____
4.	Lump Sum	Metal Framing (approx. 8,150 sf)	\$ _____
5.	Lump Sum	Type "x" Gypsum Board (approx.. 8,150 sf)	\$ _____
6.	Lump Sum	Perimeter Wall Paint (approx.. 3,350 sf)	\$ _____
7.	Lump Sum	Corridor LED Lighting	\$ _____
8.	Lump Sum	Asbestos Disposal Allowance	\$ <u>20,000.00</u>
9.	Lump Sum	Plenum Cleanup Allowance	\$ <u>20,000.00</u>
10.	Lump Sum	Firestopping Allowance	\$ <u>10,000.00</u>
11.	Lump Sum	Fire Alarm System Allowance	\$ <u>50,000.00</u>
12.	Lump Sum	Owner's Discretionary Allowance	\$ <u>75,000.00</u>
<b>TOTAL BID AMOUNT</b>			<b>\$ _____</b>

Metal Framing Square Foot Unit Cost	\$ _____
Finished/Painted Type "x" Gypsum Board Square Foot Cost	\$ _____

17. Discussion and Question and Answer.
  - A. The payment made to Contractor's will be monthly based on work completed.
18. Adjourn

# SIGN-IN SHEET

## 2017 SINKING FUND IMPROVEMENTS HIGH SCHOOL CORRIDOR IMPROVEMENTS OWOSSO PUBLIC SCHOOLS

**Wednesday February 22, 2017  
Pre Bid Conference at 3:30 p.m.**

Please Print Legibly – You won't receive addendum information if we can't read your writing

	CONTACT NAME	COMPANY	E-MAIL	PHONE NUMBER	FAX NUMBER
1	Darrick Huff	Spicer Group, Inc.	darrickh@spicergroup.com	989-754-4717	989-754-4440
2	Dave Boersma	Spicer Group, Inc.	daveb@spicergroup.com	989-754-4717	989-754-4440
3	John Klapko	Owosso Public Schools	klapkoj@owosso.k12.mi.us	989-729-5701	989-729-6706
4	Richard Darr	Moore Trospier	RDARR@MOORETROSPIER.COM	517-694-6310	517-694-1173
5	Mike Hull	Superior electric	m.hull@superiorelectricinc.com	517-485-7125	517-485-1507
6	Tyler Girard	Axiom Construction	estimating@axiomcsllc.com	248-446-1104	248-446-1105
7	Tom Niles	Niles Construction	tom.niles@nilesco.com	510-288-9160	510-736-0473
8	ERIC PERRIN	PERRIN CONST.	PERRIN@FRONTIER.COM	989-288-6046	989-288-2731
9	ERIC ROED	LAUX CONSTRUCTION	eric@laurconstruction.com	517-694-0117	517-694-0759
10	Kellogg Dipzinski	IBEW	Kdipzinski@local948.org	810-280-7030	
11	DAVE LIVERMORE	3DELECTRIC	3delectric@windtel.net	989-644-8663	989-644-8563
12	Keith Wilcox	Wilcox + Dyer	Kwilcox39@yahoo.com	517-719-7110	616-374-1450
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artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

**ARTICLE 5 – BASIS OF BID**

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

**LUMP SUM BID**

1.	Lump Sum	Ceiling Demolition (approx. 38,000 s.f.)	\$	_____
2.	Lump Sum	Electrical Demolition (approx. 38,000 s.f.)	\$	_____
3.	Lump Sum	Ceiling Intumescent Paint (approx. 38,000 s.f.)	\$	_____
4.	Lump Sum	Metal Framing (approx. 8,150 s.f.)	\$	_____
5.	Lump Sum	Type "x" Gypsum Board (approx. 8,150 s.f.)	\$	_____
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7.	Lump Sum	Corridor LED Lighting	\$	_____
8.	Lump Sum	Asbestos Disposal Allowance	\$	<u>20,000.00</u>
9.	Lump Sum	Plenum Cleanup Allowance	\$	<u>20,000.00</u>
10.	Lump Sum	Firestopping Allowance	\$	<u>10,000.00</u>
11.	Lump Sum	Fire System Allowance	\$	<u>50,000.00</u>
12.	Lump Sum	Owner's Discretionary Allowance	\$	<u>75,000.00</u>

For the work complete, the total contract sum of: \_\_\_\_\_  
Dollars \$ \_\_\_\_\_

**UNIT PRICE BID**

1.	Metal Framing Square Foot Unit Cost	\$	_____
2.	Finished/Painted Type "x" Gypsum Board Square Foot Unit Cost	\$	_____

The unit price costs in the Unit Price Bid will be used to determine pricing in change orders in the event of any unforeseen work that is required to complete the project.

**ARTICLE 6 – TIME OF COMPLETION**

6.01 Bidder agrees that the Work will be substantially complete on or before **August 15, 2017**, and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before **August 25, 2017**.

SECTION 26 51 00

INTERIOR LIGHTING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes interior luminaires, lamps, ballasts, and accessories.
- B. Related Sections:
  - 1. Section 09 54 16 - Luminous Ceilings.
  - 2. Section 09 58 00 - Integrated Ceiling Assemblies.
  - 3. Section 23 37 00 - Air Outlets and Inlets: For interface with air handling fixtures.
  - 4. Section 26 05 26 - Grounding and Bonding for Electrical Systems.
  - 5. Section 26 05 33 - Raceway and Boxes for Electrical Systems.

1.2 REFERENCES

- A. American National Standards Institute:
  - 1. ANSI C82.1 - American National Standard for Lamp Ballast-Line Frequency Fluorescent Lamp Ballast.
  - 2. ANSI C82.4 - American National Standard for Ballasts-for High-Intensity-Discharge and Low-Pressure Sodium Lamps (Multiple-Supply Type).

1.3 SUBMITTALS

- A. Section 01 33 00 - Submittal Procedures: Submittal procedures.
- B. Shop Drawings: Indicate dimensions and components for each luminaire not standard product of manufacturer.
- C. Product Data: Submit dimensions, ratings, and performance data.
- D. Samples: Submit two color chips 3 x 3 inch in size illustrating luminaire finish color where indicated in luminaire schedule.

1.4 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years documented experience.

1.5 FIELD MEASUREMENTS

- A. Verify field measurements prior to fabrication.



1.6 MAINTENANCE MATERIALS

- A. Section 01 70 00 - Execution and Closeout Requirements: Spare parts and maintenance products.
- B. Furnish two of each plastic lens type.
- C. Furnish one replacement lamps for each lamp installed.
- D. Furnish two of each ballast type.
- E. Furnish two of each part not listed as a "Standard Part" from lighting manufacturer.
  - 1. "Standard Part" shall be defined as continuously in stock at manufacturer's and/or distributor's factory, warehouse, or shipping facility.

1.7 WARRANTY

- A. Section 01 70 00 - Execution and Closeout Requirements: Product warranties and product bonds.
- B. Furnish minimum five-year manufacturer warranty for luminaire.

PART 2 - PRODUCTS

2.1 INTERIOR LUMINAIRES

- A. Product Description: Complete interior luminaire assemblies, with features, options, and accessories as scheduled.
- B. Refer to Section 01 60 00 - Product Requirements for product options.

2.2 FLUORESCENT BALLASTS

- A. Manufacturers:
  - 1. Magnetek, Inc.
  - 2. Substitutions: Section 01 60 00 - Product Requirements.
- B. Product Description: Electronic ballast, instant start, less than 10 percent THD. High-power-factor type electromagnetic ballast certified by Certified Ballast Manufacturers, Inc. to comply with ANSI C82.1, suitable for lamps specified, with voltage to match luminaire voltage.

2.3 HIGH INTENSITY DISCHARGE (HID) BALLASTS

- A. Manufacturers:
  - 1. General Electric Company.
  - 2. OSRAM SYLVANIA.
  - 3. Philips Lighting Company.
  - 4. Substitutions: Section 01 60 00 - Product Requirements.

- B. Product Description: ANSI C82.4, mercury vapor, metal halide, low pressure sodium, or high pressure sodium lamp ballast, suitable for lamp specified, with voltage to match luminaire voltage.

## 2.4 FLUORESCENT DIMMING BALLASTS AND CONTROLS

### A. Manufacturers:

1. General Electric Company.
2. Lithonia Lighting; Acuity Brands Lighting, Inc.
3. Lutron Electronics Co., Inc.
4. OSRAM SYLVANIA.
5. Philips Lighting Company.
6. Substitutions: Section 01 60 00 - Product Requirements.

- B. Product Description: Electrical assembly of control unit and ballast to furnish smooth dimming of fluorescent lamps.

- C. Control Unit: Rotary Linear or slide type, rated 1500 watts (Minimum) at Line Voltage, 120/277 volts.

- D. Ballast: Selected by dimming system manufacturer as suitable for operation with control unit and suitable for lamp type and quantity specified for luminaire.

## 2.5 INCANDESCENT LAMPS

### A. Manufacturers:

1. General Electric Company.
2. Philips Lighting Company.
3. Substitutions: Section 01 60 00 - Product Requirements.

## 2.6 FLUORESCENT LAMPS

### A. Manufacturers:

1. General Electric Company.
2. OSRAM SYLVANIA.
3. Philips Lighting Company.
4. Substitutions: Section 01 60 00 - Product Requirements.

## 2.7 HID LAMPS

### A. Manufacturers:

1. General Electric Company.
2. OSRAM SYLVANIA.
3. Philips Lighting Company.
4. Substitutions: Section 01 60 00 - Product Requirements.

## 2.8 LIGHT EMITTING DIODE (LED) LAMPS

- A. Manufacturers:
  - 1. Cree, Inc.
  - 2. Beta LED.
  - 3. Substitutions: Section 01 60 00 - Product Requirements.
- B. Product Description: Circuit Board mounted LED Lighting Array.

## 2.9 LIGHT EMITTING DIODE (LED) DRIVERS

- A. Manufacturers:
  - 1. As provided by Luminaire Manufacturer
  - 2. Substitutions: Section 01 60 00 - Product Requirements.
- B. Product Description: Electronic driver suitable for lamp and environmental conditions specified, with voltage output to match luminaire voltage.

## PART 3 - EXECUTION

### 3.1 EXISTING WORK

- A. Disconnect and remove abandoned luminaires, lamps, and accessories.
- B. Extend existing interior luminaire installations using materials and methods compatible with existing installations, or as specified.
- C. Clean and repair existing interior luminaires to remain or to be reinstalled.

### 3.2 INSTALLATION

- A. Install suspended luminaires using pendants supported from swivel hangers. Install pendant length required to suspend luminaire at indicated height.
- B. Support luminaires larger than 2 x 4-foot size independent of ceiling framing.
- C. Locate recessed ceiling luminaires as indicated on Drawings.
- D. Install surface mounted luminaires plumb and adjust to align with building lines and with each other. Secure to prevent movement.
- E. Install recessed luminaires to permit removal from below.
- F. Install recessed luminaires using accessories and firestopping materials to meet regulatory requirements for fire rating.
- G. Install clips to secure recessed grid-supported luminaires in place.

- H. Install wall-mounted luminaires at height as scheduled, unless otherwise indicated on Drawings.
- I. Install accessories furnished with each luminaire.
- J. Connect luminaires to branch circuit outlets provided under Section 26 05 33 using flexible conduit, unless otherwise indicated on Drawings.
- K. Make wiring connections to branch circuit using building wire with insulation suitable for temperature conditions within luminaire.
- L. Install specified lamps in each luminaire.
- M. Interface with air handling accessories furnished and installed under Section 23 37 00 - Air Outlets and Inlets.
- N. Ground and bond interior luminaires in accordance with Section 26 05 26.

### 3.3 FIELD QUALITY CONTROL

- A. Section 01 40 00 - Quality Requirements: Field inspecting, testing, adjusting, and balancing.
- B. Operate each luminaire after installation and connection. Inspect for proper connection and operation.

### 3.4 ADJUSTING

- A. Section 01 70 00 - Execution and Closeout Requirements: Testing, adjusting, and balancing.
- B. Aim and adjust luminaires as indicated on Drawings.
  - 1. Wherever aiming and adjustments are not specified, aim and adjust as required to achieve required illuminance.

### 3.5 CLEANING

- A. Section 01 70 00 - Execution and Closeout Requirements: Final cleaning.
- B. Remove dirt and debris from enclosures.
- C. Clean photometric control surfaces as recommended by manufacturer.
- D. Clean finishes and touch up damage.

### 3.6 PROTECTION OF FINISHED WORK

- A. Section 01 70 00 - Execution and Closeout Requirements: Protecting finished work.
- B. Relamp luminaires having failed lamps at Substantial Completion.
- C. Replace Light Emitting Diode (LED) Arrays with failed components within LED luminaires at Substantial Completion.

## 3.7 SCHEDULES

- A. Type A Interior Luminaire:
1. Manufacturer: Hubbell Lighting, Inc.
  2. Series: LightControl, MOD 6 LED Pendant Indirect/Direct
  3. Model: 6L-P-ID-STD-04-SOF-C1-35K-I030-D110-NDM-1C-UNV
  4. Description: Linear Pendant, Indirect/Direct.
  5. Material: Extruded Aluminum.
  6. Mounting: Pendant Mount.
  7. Ballast\Driver: Manufacturer's standard.
    - a. Voltage: 120 Volt, unless otherwise indicated on drawings.
  8. Lamp: LED Array.
- B. Type C Interior Luminaire:
1. Manufacturer: Cree.
  2. Series: ESA LED Architectural Downlight.
  3. Model: ESA-ADS-MD-8-28-#-120-#-##-C.
    - a. # indicates configurations to be submitted for approval.
  4. Description: Recessed downlight.
  5. Size: 8 inches square.
  6. Material: Extruded aluminum housing.
  7. Enclosure: Open.
  8. Control: Anodized specular aluminum reflector.
  9. Installation Conditions: Dry Location.
  10. Mounting: Ceiling surface mounting.
  11. Ballast\Driver: Manufacturer's standard, matched to lamp characteristics.
    - a. Voltage: 120 Volt, unless otherwise indicated on drawings.
  12. Lamp: LED Array.
  13. Photometry Testing: ITL Test Report #, ITL76358
- C. Type X Interior Luminaire:
1. Manufacturer: Lithonia.
  2. Model: EDG-1-RW-EL-SD.
  3. Description: Edge Lit, Red, LED Exit Sign.
  4. Material: Extruded brushed aluminum housing. Clear acrylic panels.
  5. Control: Anodized specular aluminum reflector.
  6. Installation Conditions: Dry Location.
  7. Mounting: Universal surface mount kit, capable of top, end, or back mounting.
  8. Ballast\Driver: Standard model as supplied by manufacturer.
    - a. Voltage: 120 Volt, unless otherwise indicated on drawings.
  9. Lamp: LED Array.
  10. Accessories: Field Installable Directional Chevron Indicators.

END OF SECTION