

# **AIA® Document G731™ – 2019**

## **Change Order, Construction Manager as Adviser Edition**

<b>PROJECT:</b> <i>(name and address)</i> Central Hardin High School Addn/Renov Cecilia, KY	<b>CONTRACT INFORMATION:</b> Contract For: BP 260-02 Electrical Date: July 14, 2021	<b>CHANGE ORDER INFORMATION:</b> Change Order Number: 007 Date: December 6, 2021
<b>OWNER:</b> <i>(name and address)</i> Hardin County Board of Education 65 W A Jenkins Road Elizabethtown, KY 42701	<b>ARCHITECT:</b> <i>(name and address)</i> JRA Architects 3225 Summit Square Pl, Ste 200 Lexington, KY 40509	<b>CONSTRUCTION MANAGER:</b> <i>(name and address)</i> Alliance Corporation P. O. Box 1480 Glasgow, KY 42142-1480
<b>CONTRACTOR:</b> <i>(name and address)</i> Advanced Electrical Systems, inc. P. O. Box 36503 Louisville, KY 40233-6503		

### **THE CONTRACT IS CHANGED AS FOLLOWS:**

*(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)*

Deduct for multiple value engineering items: Change to MC cable except home runs & exposed areas, change from copper to aluminum on feeder conduits only #4 and larger, change lighting package per attached list.

The original Contract Sum was	\$ 4,432,383.30
Net change by previously authorized Change Orders	\$ 3,890.52
The Contract Sum prior to this Change Order was	\$ 4,436,273.82
The Contract Sum will be decreased by this Change Order in the amount of	\$ 407,946.00
The new Contract Sum including this Change Order will be	\$ 4,028,327.82

The Contract Time will be unchanged by Zero (0) days.  
The Contractor's Work shall be substantially complete on .

**NOTE:** This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

**NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONSTRUCTION MANAGER, CONTRACTOR, AND OWNER.**

JRA Architects  
\_\_\_\_\_  
**ARCHITECT** *(Firm name)*

SIGNATURE  
D. Robert Deal, President  
\_\_\_\_\_  
**PRINTED NAME AND TITLE**

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

Advanced Electrical Systems, inc.  
\_\_\_\_\_  
**CONTRACTOR** *(Firm name)*

SIGNATURE  
Josh Strange, Project Manager  
\_\_\_\_\_  
**PRINTED NAME AND TITLE**

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

Alliance Corporation  
\_\_\_\_\_  
**CONSTRUCTION MANAGER** *(Firm name)*

SIGNATURE  
Billy Parson, Project Manager  
\_\_\_\_\_  
**PRINTED NAME AND TITLE**

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

Hardin County Board of Education  
\_\_\_\_\_  
**OWNER** *(Firm name)*

SIGNATURE  
John Stith, COO  
\_\_\_\_\_  
**PRINTED NAME AND TITLE**

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



Josh Strange



## CHHS Change Order Proposal.

External

CHHS/BP260 Advanced Electric

**Billy Parson** <bparson@alliancecorporation.com>

to Josh, Russ, Gerald, Tommy ▾

During a discussion this morning with the CHHS owners and design group the issue regarding the AES discussed. I need your acknowledgement agreeing to those issues prior to the Hardin County Board ap

Issue #1. AES will not be using MC in the CMU walls.

Issue #2. AES will provide the list of original fixtures to compare with "the changed too" fixture list that v

Issue #3. AES's change order will reflect a deduct price of \$407,946.00

Your acknowledgement of these three issues will move the change order forward.

**Billy Parson**

Project Manager

116 East College Street

Glasgow, KY 42141



270.651.8848

270-932-1587

*Builders & Managers*[www.alliancecorporation.com](http://www.alliancecorporation.com)



Josh Strange

**Josh Strange** <josh@aeslou.com>

to me, Russ, Gerald, Tommy ▾

Billy,

AES agrees to all items 1-3 below.

Thank you,

**Josh Strange**  
Vice President**AES** ADVANCED ELECTRICAL SYSTEMS, INC.  
3312 Gilmore Industrial Blvd | Louisville, KY 40213

☎ Office: 502.962.1102 | ☎ Cell: 502.639.3132

✉ josh@aeslou.com | [www.aeslou.com](http://www.aeslou.com)*Powering the Future!*© 2022 AES Advanced Electrical Systems, Inc. All rights reserved.

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**Billy Parson** <bparson@alliancecorporation.com>

to John, Rob, Joe, Michael, A-, Gerald, Tommy ▾

**Billy Parson**  
Project Manager

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**RE: Central Hardin Electrical**

1 message

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Josh Strange <josh@aeslou.com>

To: Tommy Gumm <tgumm@alliancecorporation.com>

Cc: Josh Strange <josh@aeslou.com>

MC Cable:

- Anything behind closed walls or ceiling would be in MC cable. Branch lighting and power. Home runs for both lighting and power are still in Conduit system to their respected area.
- Low voltage lighting controls would be installed within the MC cable for lighting circuits as well to keep clean install.

Aluminum to Copper

- Any feeder currently #4 and larger would be upsized to aluminum equivalent amperage including conduit system.

Lighting you have list can review.

Let me know if there's any other questions? See you this afternoon!

Thank you,

Josh Strange

*Vice President*

 **ADVANCED ELECTRICAL SYSTEMS, INC.**  
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*Powering the Future*

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**From:** Josh Strange <josh@aeslou.com>

**To:** Tommy Gumm <tgumm@alliancecorporation.com>

**Cc:** Josh Strange <josh@aeslou.com>

**Subject:** RE: Central Hardin Electrical

Tommy,

Have dove into the options we've discussed and came up with quite a bit of potential savings.

Changing to MC cable for everything besides home runs and exposed areas:

- \$165,000.00

Changing from Copper to Aluminum on feeder conduits only size #4 and larger:

- \$150,000.00

VE lighting package I don't have final numbers they are still working on. However with talking I believe we could get 90-100,000 without major changes.

Total VE savings with these slight changes approx. \$400,000.00.

The only variable and it's a big one is the copper. That's why I can't give definite number till I have a contract in hand then I can capture exact true savings and secure product!

Please feel free to reach out with any questions or concerns!

Thank you,

**Josh Strange**

*Vice President*



**3312 Gilmore Industrial Blvd | Louisville, KY 40213**

☎ Office: 502.962.1102 | ☎ Cell: 502.639.3132

✉ [josh@aeslou.com](mailto:josh@aeslou.com) | [www.aeslou.com](http://www.aeslou.com)

Amount			TOTAL	
\$ 21.00	213		\$ 4,473.00	
\$ 10.00	260		\$ 2,600.00	
\$ 26.00	31		\$ 806.00	
\$ 84.00	46		\$ 3,864.00	
\$ 90.00	126		\$ 11,340.00	
\$ 12.00	133		\$ 1,596.00	
\$ 30.00	8		\$ 240.00	
\$ 15.00	19		\$ 285.00	
\$ 19.00	7		\$ 133.00	
\$ 19.00	8		\$ 152.00	
\$ 15.00	16		\$ 240.00	
\$ 15.00	22		\$ 330.00	
\$ 34.00	4		\$ 136.00	
\$ 34.00	84		\$ 2,856.00	
\$ 50.00	15		\$ 750.00	
\$ 185.00	69		\$ 12,765.00	
\$ 247.00	36		\$ 8,892.00	
\$ 1,954.00	1		\$ 1,954.00	
\$ 147.00	6		\$ 882.00	
\$ 75.00	28		\$ 2,100.00	
\$ 320.00	5		\$ 1,600.00	
\$ 418.00	1		\$ 418.00	
\$ 300.00	7		\$ 2,100.00	
\$ 25.00	4		\$ 100.00	
\$ 317.00	2		\$ 634.00	
\$ 850.00	4		\$ 3,400.00	
\$ 950.00	14		\$ 13,300.00	
\$ 15,000.00	1		\$ 15,000.00	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
		\$ -	\$ 92,946.00	

**Manufacturer:**

**Type A: Change to BLC series W/10% Dimming will save \$21.00 per fixture X 213**

**Type A1: Change to GZ10 10% dimming driver will save \$10.00 per fixture X 260**

**Type A3: Change to BLC series W/10% Dimming will save \$26.00 per fixture X 31**

**Type B & B1: Change to 2GTL series w/10% Dimming, aluminum door, ABC gasket will save \$84.00 per fixture X 46**

**Type C & CE: Change to Luminaire CLF series will save \$90.00 X 126**

**Type D change to LDN6 Switchable lumens, 10% Dimming & CCT color will save \$12.00 X 133**

**Type D1 change to Pathway # 4LBVWL series downlight W/10% Dimming will save \$30.00 X 8**

**Type D2: Change to GZ10 10% dimming will save \$15.00 per fixture X 19**

**Type D4: Change to LDN4SQ downlight W/10% Dimming will save \$19.00 X 7**

**Type D5:Change to 4" square LDN4SQ series W/10% Dimming will save \$19.00 X 8**

**Type D8: Change to GZ10 10% dimming will save \$15.00 X 16**

**Type D9 & D9E: Change to GZ10 10% dimming will save \$15.00 X 22**

**Type D10: change to LDN6 series downlight w/10% dimming will save \$34.00 X 4**

**Type E: Change to Isolite EDC series diecast exit will save \$30.00 per fixture X 84**

**Type E1: Change to Isolite # MAX AC series exit will save \$50.00 per fixture X 15**

**Type G, GE, G1, G1E: Change to CPHB square highbay & cable mount will save \$182.75 X 69**

Type G2, G2E: Change to CPHB square highbay & cable mount will save \$247.00 X 36

**Types W & WE: Change to Acuity # WPX1 LED Series will save \$1,954.00 Total for (7) Fixtures**

**Type W1 & W2: Change to Acuity # WPX2 LED series will save \$147.00 X 6**

**Type W3: Change to a Visa # OW1464 up/down exterior scone will save \$75.00 X 28**

**Type P1 & P1P: Change to Acuity RSX2 Area Light & straight square steel pole will save \$320.00 X 5**

**Type P2 & P2P: Change to Acuity RSX2 Area Light & straight square steel pole will save \$418.00 X 1**

**Type P3 & P3P: Change of Acuity RSX2 Area Light & straight square steel pole will save \$300.00 X 7**

**Type P4: Change to Acuity TFX1 LED 50K fixture will save \$ 25.00 X 4**

**Type P5: Change to Acuity RSX2 P4 Area Light & straight square steel pole will save \$317 X 2**

**Type P6: Change to Acuity RSX2 P4 Area Light & straight square steel pole will save \$850 X 4**

**Type P7: Change to Acuity RADPT LED post top fixture with steel round pole Less banner arms will save \$950 X 14**

**Types T1 - T4: Deduct controls and replace with contactor cabinet will save**

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[illegible]

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[illegible]

# FACPAC Contract Change Order

## Supplemental Information Form (Ref# 55840)

Form Status: Saved

Tier 1 Project: CHHS Renovation Phase 1

BG Number: 20-136

Status: Active

District: Hardin County (231)

Phase: Project Initiation (View Checklist)

Contract: Advanced Electrical Systems Inc, 0260, Electrical

Type: CM Bid Package

Proposed

Change Order Number	2
Time Extension Required	No
Date Of Change Order	12/6/2021
Change Order Amount To Date	Decrease

### Construction Contingency

Calculations below are project wide. Remaining negative Construction Contingency may require the submission of a revised BG1.

Current Approved Amount	\$3,254,314.84
Net Approved COs	\$0.00
Remaining After Approved COs	\$3,254,314.84
Net All COs	\$-389,433.83
Remaining After All COs	\$3,643,748.67

This Requested Change Order Amount (\$407,946.00)

+/-

Change In A/E Fee This Change Order

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency \$3,643,748.67

Balance

Contract Change Requested By Contractor

Contract Change Reason Code Reduction of Scope

Change Order Description And Justification

Deduct for multiple value engineering items: Change to MC cable except for home runs & exposed areas, change from copper to aluminum on feeder conduits only #4 and larger, change lighting package per attached list.

Cost Benefit To Owner

Contract unit prices have been utilized No  
to support the cost associated with this  
change order.



## Detailed Cost Breakdown

Contract unit prices have not been utilized, provide a detailed cost breakdown which separates labor, material, profit and overhead.

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Detail Item	Amount	Percent of Total
Labor		0.00%
Materials	(\$407,946.00)	100.00%
Profit and Overhead		0.00%
Bond Insurance		0.00%
<b>Cost Breakdown Total:</b>	<b>\$-407,946.00</b>	
Cost for this Change Order supported by an alternate bid or competitive price quote		
Explain Why		
Executed contract with contractor		

**Change Order Supplemental Information Form Signature  
Page (Online Form Ref# 55840)**

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**Architect**

**Date**

---

**Construction Manager**

**Date**

---

**Finance Officer**

**Date**

---

**Local Board of Education Designee**

**Date**