

AIA® Document G731™ – 2019

Change Order, Construction Manager as Adviser Edition

PROJECT: (name and address)
Central Hardin High School Addn/Renov
Cecilia, KY
OWNER: (name and address)
Hardin County Board of Education
65 W A Jenkins Road
Elizabethtown, KY 42701

CONTRACTOR: (name and address)
Advanced Electrical Systems, inc.
P. O. Box 36503
Louisville, KY 40233-6503

CONTRACT INFORMATION:
Contract For: BP 260-03 Electrical
Date: July 14, 2021
ARCHITECT: (name and address)
JRA Architects
3225 Summit Square Place, Suite
200
Lexington, KY 40509

CHANGE ORDER INFORMATION:
Change Order Number: 013
Date: March 31, 2022
CONSTRUCTION MANAGER: (name and address)
Alliance Corporation
P. O. Box 1480
Glasgow, KY 42142-1480

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.)

Costs associated with the installation of a 200-amp panel for temporary use at the building to be demoed leaving power for fuel tank, scoreboard, and site lighting

The original Contract Sum was	\$ 4,432,383.30
Net change by previously authorized Change Orders	\$ -404,055.48
The Contract Sum prior to this Change Order was	\$ 4,028,327.82
The Contract Sum will be increased by this Change Order in the amount of	\$ 8,834.00
The new Contract Sum including this Change Order will be	\$ 4,037,161.82

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, Vice President

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:

**CENTRAL HARDIN HIGH SCHOOL ADDITION/RENOVATION
PROPOSAL REQUEST PRICING SHEET**

PROPOSED CHANGE REQUEST NO. 1 DATE 07/21/2021

DESCRIPTION Barn Temp Power

CONTRACTOR Advanced Electrical Systems, Inc. BID PACKAGE BG #20-036

WORK DESCRIPTION Install 200AMP NEMA 3R panel for temporary building use. Diesel pump/tennis courts/band tower and soccer.

A. UNIT PRICING FROM THE PROPOSAL FORM

*No Unit Pricing for AES

B. MATERIAL

1. <u>Panel</u>	ITEM	<u>1</u> QTY.	<u>\$ 15.00</u> UNIT	<u>\$ 15.00</u>
2. <u>PVC Conduit</u>	ITEM	<u>1</u> QTY.	<u>\$ 109.17</u> UNIT	<u>\$ 109.17</u>
3. <u>EMT Conduit</u>	ITEM	<u>1</u> QTY.	<u>\$ 103.84</u> UNIT	<u>\$ 103.84</u>
4. <u>Wire/Accessories</u>	ITEM	<u>1</u> QTY.	<u>\$ 874.04</u> UNIT	<u>\$ 874.04</u>
Core Drilling/Trench/Saw Cut	ITEM	<u>1</u> QTY.	<u>\$ 540.51</u> UNIT	<u>\$ 540.51</u>

MATERIAL TOTAL \$ 1,642.56 + 113.34 = 1755.90

C. LABOR -ST

1. <u>Foreman</u>	HOURS @	<u>46.00</u>	<u>\$ 85.00</u>	<u>\$3,910.00</u>
2. <u>Journeyman</u>	HOURS @		<u>\$ 79.00</u>	<u>\$ -</u>
3. <u>Apprentice</u>	HOURS @	<u>46.00</u>	<u>\$ 59.75</u>	<u>\$2,748.50</u>
4. <u>Safety</u>	HOURS @		<u>\$ 99.75</u>	

LABOR TOTAL \$6,658.50

D. EQUIPMENT

EQUIPMENT TOTAL \$ -

E. SUBCONTRACTOR

SUBCONTRACTOR TOTAL \$ -

F. Drawing Printing/As-Built

1. <u>Labor</u>	HOURS @		<u>\$ 79.00</u>	<u>\$0.00</u>
2. <u>Prints</u>	SHEET @		<u>\$ 3.25</u>	<u>\$ -</u>

DRAWING TOTAL \$0.00

MATERIAL, LABOR & EQUIPMENT SUBTOTAL	<u>\$ 8,301.06</u>
15% OVERHEAD/PROFIT MARK-UP	<u>\$ 246.38</u>
TAX	<u>\$ 113.34</u>
SUBCONTRACTOR SUBTOTAL	<u>\$ -</u>
7.5% SUBCONTRACTOR MARK-UP	<u>\$ -</u>
DEDUCT DPO (DIRECT PURCHASE ORDER) MATERIAL	<u>\$ -</u>
SUBTOTAL ADD/DEDUCT	<u>\$ 8,660.78</u>
BOND 2%, ETOWN PERMIT 2% 4%	<u>\$ 173.22</u>
TOTAL ADD/DEDUCT	<u>\$ 8,834.00</u>

NOTE: CONTRACTORS ARE TO USE UNIT PRICES WERE APPLICABLE.



ADVANCED ELECTRICAL SYSTEMS, INC.
 (502) 962-1102 Fax (502) 962-8836 www.aeslou.com

POWERING THE FUTURE!

PO Box 36503 Louisville, KY 40233-6503
 3312 Gilmore Industrial Blvd. Louisville, KY 40213

Change Order Summary

Time & Material Summary:
 Lump Sum: X

Description of work:
 Install 200AMP NEMA 3R panel for temporary building use. Diesel pump/tennis courts/band tower and soccer.

Activity Description	Material	Labor
See attached material list	\$ 1,642.58	\$ 6,658.50
	\$ -	\$ -
	\$ -	\$ -
Material delivery - \$85	\$ -	\$ -
Subtotal Material & Labor	\$ 1,642.58	\$ 6,658.50

DEDUCT	Material	Labor
		\$0.00
Subtotal Deduct	\$0.00	\$0.00

Labor Rate Calculations				
CLASSIFICATION	HOURS	RATE	LABOR COST	
AGF ST	0	\$ 90.50	\$0.00	
Gen. F-man ST	0	\$ 87.90	\$0.00	
Foreman ST	46	\$ 85.00	\$3,910.00	
Journeyman ST	0	\$ 79.00	\$0.00	
Apprentice ST	46	\$ 59.75	\$2,748.50	
AGF TH	0	\$ 121.85	\$0.00	
Gen. F-man TH	0	\$ 114.50	\$0.00	
Foreman TH	0	\$ 113.75	\$0.00	
Journeyman TH	0	\$ 105.90	\$0.00	
Apprentice TH	0	\$ 77.90	\$0.00	
AGF DT	0	\$ 152.50	\$0.00	
Gen. F-man DT	0	\$ 147.75	\$0.00	
Foreman DT	0	\$ 143.00	\$0.00	
Journeyman DT	0	\$ 132.25	\$0.00	
Apprentice DT	0	\$ 96.75	\$0.00	
Safety	0	\$ 99.75	\$0.00	
Other	0		\$0.00	
Subtotal Labor	92		\$6,658.50	

Subcontractors	
	\$ -
Subtotal Subcontractors	\$ -

Equipment Rental (including tax)	
	\$ -
Subtotal Equipment Rental	\$ -

CUSTOMER ACCEPTANCE & AUTHORIZATION TO PROCEED WITH CHANGE ORDER:

SIGNATURE TITLE DATE

PRINTED NAME CONTRACT / PO NUMBER

AES Change Order No. 1
 Contractor: Advanced Electrical Systems, Inc.
 Date: July 21, 2021
 Revision:
 AES Job No. 210410
 Cust. Contract No.
 Cust. RFP No.:
 Additional Days: 5
 SWO #:
 Clarification: Price Valid for 30 Days

BID SUMMARY

Material Cost	\$	1,642.58
Material Mark-up 15.0%	\$	246.38
Subtotal	\$	1,888.94
Tax 6%	\$	113.34
Total Material Costs	\$	2,002.28

Sub Contractor Costs	\$	-
Sub Contractor Mark-up 7.5%	\$	-
Total Sub Contractor Cost	\$	-

Equipment Rental	\$	-
Equipment Rental Mark-up 15%	\$	-
Total Equipment Cost	\$	-

Labor Cost	\$	6,658.50
Markup on Labor	\$	-
Total Labor Cost	\$	6,658.50

Subtotal Add Cost	\$	8,660.78
Bond Included 2.0%	\$	173.22
Total CO Add Cost	\$	8,834.00

Material Deduct	-
Tax on Deduct Material 6.0%	-
Labor Deduct	-
Subcontractor Deduct	-
Equipment Rental Deduct	-
Deduct Subtotal	-
Bond Included 2.0%	-
Total CO Deduct Cost	-

Change Order Total: \$ 8,834.00

* Price does not include delays, disruptions and inefficiencies experienced by the contractor to date or associated with this particular change in scope of work and is subject to change.

	A	B	C	D	E	F	G	H
1	Item Name	Quantity	Price	U	Ext Price	...Labor...	U	Ext Labor...
2	Label Set: Combined, Combined, Combined, Combined, Combined				<u>\$1,642.56</u>			<u>91.57</u>
3	CCode: Quoted Items				<u>\$15.00</u>			<u>39.44</u>
4	200AMP NEMA 3R panel	1.00	\$1,500.00	C	\$15.00	30.00	E	30.00
5	Relocate Meter/Feed	1.00	\$0.00	Q	\$0.00	9.44	E	9.44
6	CCode: PVC Conduits				<u>\$103.50</u>			<u>5.31</u>
7	1-1/4" PVC- 40 Conduit	75.00	\$138.00	C	\$103.50	7.08	C	5.31
8	CCode: PVC Fittings				<u>\$6.17</u>			<u>0.59</u>
9	1-1/4" PVC Coupling	4.00	\$82.81	C	\$3.31	0.00	X	0.00
10	1-1/4" PVC- 40 Elbow	2.00	\$142.86	C	\$2.86	0.29	E	0.59
11	CCode: Feeder Conduit				<u>\$101.21</u>			<u>8.55</u>
12	2" EMT Conduit	10.00	\$464.95	C	\$46.50	11.80	C	1.18
13	2" EMT 90 Elbow	3.00	\$850.50	C	\$25.52	41.30	C	1.24
14	2" EMT/CMPI Connector	2.00	\$378.60	C	\$7.57	0.59	E	1.18
15	2" EMT/CMP Coupling	7.00	\$309.00	C	\$21.63	0.71	E	4.96
16	CCode: Generic Supports				<u>\$2.63</u>			<u>0.21</u>
17	2" EMT Generic/Supp	1.40	\$188.14	C	\$2.63	15.34	C	0.21
18	CCode: Labor Only				<u>\$0.00</u>			<u>24.19</u>
19	Tie into Existing (Hours)	8.00	\$0.00	X	\$0.00	1.18	E	9.44
20	Demolition (Hours)	8.00	\$0.00	X	\$0.00	1.18	E	9.44
21	#4ga. Termination (Labor)	2.00	\$0.00	X	\$0.00	0.29	E	0.59
22	3/0 Termination (Labor)	8.00	\$0.00	X	\$0.00	0.59	E	4.72
23	CCode: Feeder Wire				<u>\$639.74</u>			<u>6.49</u>
24	#8 THHN Copper Stranded	300.00	\$621.58	M	\$186.47	12.98	M	3.89
25	#4 THHN Copper Stranded	20.00	\$1,463.47	M	\$29.27	16.52	M	0.33
26	#3/0 THHN Copper Stranded	80.00	\$5,300.00	M	\$424.00	28.32	M	2.27
27	CCode: Lugs / Splices / Tape				<u>\$234.30</u>			<u>2.36</u>
28	UG Safety Marking Tape (Roll)	1.00	\$234.30	E	\$234.30	2.36	E	2.36
29	CCode: Core Drill / Sleeves				<u>\$90.00</u>			<u>3.54</u>
30	SAW/CUT 6" Deep (1 cut)	75.00	\$120.00	C	\$90.00	4.72	C	3.54
31	CCode: Trench				<u>\$450.00</u>			<u>0.88</u>
32	6"x 24" Trench (L&M)	75.00	\$6.00	E	\$450.00	1.18	C	0.88
33					<u>\$1,642.56</u>			<u>91.57</u>



Change Order Proposal Transmittal

JRA Architects | 3225 Summit Square Place Suite 200 Lexington KY 40509 United States

PROJECT: **2019111 - HARDIN CO SCHOOLS
CENTRAL HARDIN HIGH SCHOOL
2019111** DATE SENT: **1/21/2022**

SUBJECT: **Temporary Panel for Diesel
Pump/Tennis/Band/Soccer** CHANGE ORDER
PROPOSAL ID: **COP-00012**

TYPE: **Change Order Proposal** TRANSMITTAL ID: **00675**

PURPOSE: **Reviewed** VIA: **Info Exchange**

TOTAL AMOUNT: **\$8,834.00**

TOTAL DAYS: **0**

FROM

NAME	COMPANY	EMAIL	PHONE
Inga Hardman	JRA Architects	ihardman@jrarchitects.com	859-252-6781

TO

NAME	COMPANY	EMAIL	PHONE
Billy Parson	Alliance Corporation	bparson@alliancecorporation.com	(270) 651-8848

REMARKS: **He and John are both aware of this CO and had received a quote (for the same amount back in September that John had signed-off on.**

We believe the pricing is acceptable.

MW

FACPAC Contract Change Order

Supplemental Information Form (Ref# 56185)

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 3
Time Extension Required No
Date Of Change Order
Change Order Amount To Date

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	\$29,661.42
Remaining After Approved COs	\$3,224,653.42
Net All COs	\$-364,190.58
Remaining After All COs	\$3,618,505.42

This Requested Change Order Amount \$8,834.00

+/-

Change In A/E Fee This Change Order

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency \$3,624,380.42

Balance

Contract Change Requested By Architect/Engineer

Contract Change Reason Code Expansion of Scope

Change Order Description And Justification

Costs associated with the installation of a 200-amp panel for temporary use at the building to be demoed leaving power for fuel tank, scoreboard, and site lighting

Cost Benefit To Owner

The cost of this change has been reviewed and determined to be reasonable.

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.

Detail Item	Amount	Percent of Total
Labor	\$6,658.50	75.37%
Materials	\$1,755.90	19.88%
Profit and Overhead	\$246.38	2.79%
Bond Insurance	\$173.22	1.96%
Cost Breakdown Total:	\$8,834.00	
Cost for this Change Order supported by an alternate bid or competitive price quote	No	
Explain Why		
Executed contract with contractor		

**Change Order Supplemental Information Form Signature
Page (Online Form Ref# 56185)**

Architect

Date

Construction Manager

Date

Finance Officer

Date

Local Board of Education Designee

Date