



# AIA® Document G731™ – 2019

## Change Order, Construction Manager as Adviser Edition

<b>PROJECT:</b> <i>(name and address)</i> TK Stone Middle School Renovation 323 Morningside Dr, Elizabethtown, KY 42701	<b>CONTRACT INFORMATION:</b> Contract For: BP 260-03 Electrical Date: January 22, 2025	<b>CHANGE ORDER INFORMATION:</b> Change Order Number: 016 Date: March 06, 2026
<b>OWNER:</b> <i>(name and address)</i> Elizabethtown Independent Board of Education 219 Helm Street, Elizabethtown, KY 42701	<b>ARCHITECT:</b> <i>(name and address)</i> Ross -Tarrant Architects 101 Old Lafayette Ave, Lexington, KY 40502	<b>CONSTRUCTION MANAGER:</b> <i>(name and address)</i> Alliance Corporation 116 E. College Street, Glasgow, KY 42141
<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.)*

Cost associated with a credit for material and labor associated with removing clock rough ins. PR#13.

The original Contract Sum was	\$ 4,683,548.17
Net change by previously authorized Change Orders	\$ 14,468.88
The Contract Sum prior to this Change Order was	\$ 4,698,017.05
The Contract Sum will be decreased by this Change Order in the amount of	\$ 2,348.39
The new Contract Sum including this Change Order will be	\$ 4,695,668.66

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.**

\_\_\_\_\_  
**ARCHITECT** *(Signature)*  
BY: Oreon Williams, Ross Tarrant Architects  
*(Printed name, title, and license number if required)*

\_\_\_\_\_  
**CONSTRUCTION MANAGER** *(Signature)*  
BY: Dalton Jackson, Alliance Corporation  
*(Printed name and title)*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
**CONTRACTOR** *(Signature)*  
BY: Advanced Electrical Systems  
*(Printed name and title)*

\_\_\_\_\_  
**OWNER** *(Signature)*  
BY: Paul Mullins, Superintendent, Elizabethtown Board of Education  
*(Printed name and title)*

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date



**ADVANCED ELECTRICAL SYSTEMS, INC.**

(502) 962-1102 Fax (502) 962-8836 www.aeslou.com

**POWERING THE FUTURE!**

PO Box 38503 Louisville, KY 40233-8503  
3312 Gilmore Industrial Blvd. Louisville, KY 40213

**Change Order Summary**

Time & Material Summary:  
Lump Sum: X

Description of work:

**PR-13 Time Clocks**

DESCRIPTION	Material	Labor
	\$ -	\$ -
Fuel Surcharge - \$95	\$ -	\$ -
Material delivery - \$125	\$ -	\$ -
<b>Subtotal Material &amp; Labor</b>	<b>\$ -</b>	<b>\$ -</b>

DEDUCT	Material	Labor
	(\$245.37)	(\$2,042.25)
<b>Subtotal Deduct</b>	<b>(\$245.37)</b>	<b>(\$2,042.25)</b>

**Labor Rate Calculations**

CLASSIFICATION	HOURS	RATE	LABOR COST
AGF ST	0	\$ 98.25	\$0.00
Gen. F-man ST	0	\$ 96.50	\$0.00
Foreman ST	0	\$ 92.25	\$0.00
Journeyman ST	-14	\$ 85.75	(\$1,200.50)
Apprentice ST	-13	\$ 64.75	(\$841.75)
AGF TH	0	\$ 145.55	\$0.00
Gen. F-man TH	0	\$ 141.75	\$0.00
Foreman TH	0	\$ 127.45	\$0.00
Journeyman TH	0	\$ 118.85	\$0.00
Apprentice TH	0	\$ 87.25	\$0.00
AGF DT	0	\$ 171.25	\$0.00
Gen. F-man DT	0	\$ 165.25	\$0.00
Foreman DT	0	\$ 160.25	\$0.00
Journeyman DT	0	\$ 148.25	\$0.00
Apprentice DT	0	\$ 108.50	\$0.00
Safety	0	\$ 112.25	\$0.00
Project Manager	0	\$ 175.00	\$0.00
<b>Subtotal Labor</b>	<b>-27</b>		<b>(\$2,042.25)</b>

Subcontractors	
Evapor (Time Clock Purchase/Install)	\$ 14,000.00
<b>Subtotal Subcontractors</b>	<b>\$ 14,000.00</b>

Equipment Rental (including tax)	
<b>Subtotal Equipment Rental</b>	<b>\$ -</b>

**CUSTOMER ACCEPTANCE & AUTHORIZATION TO PROCEED WITH CHANGE ORDER :**

SIGNATURE TITLE DATE

PRINTED NAME CONTRACT / PO NUMBER

AES Change Order No. 8  
 Contractor: Advanced Electrical Systems, Inc.  
 Date: January 29, 2026  
 Revision: \_\_\_\_\_  
 AES Job No. 250150  
 Cust. Contract No. \_\_\_\_\_  
 Cust. RFP No.: PR-13  
 Additional Days: \_\_\_\_\_  
 SWD #: \_\_\_\_\_  
 Clarification: Price Valid for 30 Days

**BID SUMMARY**

Material Cost	\$ -
Material Mark-up 15.0%	\$ -
Tax 6.0%	\$ -
<b>Total Material Costs</b>	<b>\$ -</b>

Sub Contractor Costs	\$ 14,000.00
Sub Contractor Mark up 7.5%	\$ 1,050.00
<b>Total Sub Contractor Cost</b>	<b>\$ 15,050.00</b>

Equipment Rental	\$ -
Equipment Rental Mark-up 15.0%	\$ -
<b>Total Equipment Cost</b>	<b>\$ -</b>

Labor Cost	\$ -
Markup on Labor	\$ -
<b>Total Labor Cost</b>	<b>\$ -</b>

Subtotal Add Cost	\$ 15,050.00
Road 2K, E. Tower, Permit 2K 4.0%	\$ 602.00
<b>Total CO Add Cost</b>	<b>\$ 15,652.00</b>

Material Deduct	(245.37)
Tax on Deduct Material 6.0%	(14.72)
Labor Deduct	(2,042.25)
Subcontractor Deduct	-
Equipment Rental Deduct	-
<b>Subtotal</b>	<b>(2,302.34)</b>
Bond Included 2.0%	(48.05)
<b>Total CO Deduct Cost</b>	<b>(2,348.39)</b>

**Change Order Total \$ 16,658.61**

\*\*\* Subcontractor does not waive and expressly reserves its right to assert claims for delay, disruption, compression, acceleration and inefficiency as well as seek payment for any and all pending change order requests that have been submitted to date.

Owner has elected to only accept credit portion of the pricing.

Quantity	Item Name	Price	Ext Price	...Labor...	Ext Labor...
<b>DRAWING E3.0A</b>					
-5.00	3/4" EMT Conduit	\$116.09 C	-\$85.28		-11.91
-10.00	3/4" EMT/CMPI Connector	\$54.29 C	-\$11.53	8.26 C	-4.04
-0.50	3/4" EMT/CMP Coupling	\$59.88 C	-\$5.80	0.35 E	-0.41
			-\$5.43	0.18 E	-3.54
			-\$0.30		-0.09
-8.00	4" Sq 2-1/8" d 3/4" KO	\$244.97 C	-\$19.60	0.35 E	-2.83
			-\$19.60		-2.83
			-\$1.02		-0.05
-0.70	3/4" EMT Generic/Supp	\$145.74 C	-\$1.02	7.08 C	-0.05
			\$8.50		0.32
36.00	#12 THHN Copper Stranded	\$236.12 M	\$8.50	8.85 M	0.32
			\$0.00		0.35
3.00	#12ga. Termination (Labor)	\$0.00 X	\$0.00	0.12 E	0.35
			-\$61.63		-5.66
-16.00	HBL-5342 20a Duplex Recept	\$3.59 E	-\$57.41	29.50 C	-4.72
-16.00	1g Nylon Switch Plate	\$0.26 E	-\$4.22	0.06 E	-0.94
			-\$175.42		-25.38
<b>DRAWING E3.2</b>					
			-\$61.32		-12.15
-40.00	3/4" EMT Conduit	\$116.09 C	-\$46.44	8.26 C	-3.30
-23.00	3/4" EMT/CMPI Connector	\$54.29 C	-\$12.49	0.35 E	-8.14
-4.00	3/4" EMT/CMP Coupling	\$59.88 C	-\$2.40	0.18 E	-0.71
			-\$29.40		-4.25
-12.00	4" Sq 2-1/8" d 3/4" KO	\$244.97 C	-\$29.40	0.35 E	-4.25
			-\$8.16		-0.40
-5.60	3/4" EMT Generic/Supp	\$145.74 C	-\$8.16	7.08 C	-0.40
			-\$49.59		-1.86
-210.00	#12 THHN Copper Stranded	\$236.12 M	-\$49.59	8.85 M	-1.86
			\$0.00		-4.25
-36.00	#12ga. Termination (Labor)	\$0.00 X	\$0.00	0.12 E	-4.25
			-\$26.96		-2.48
-7.00	HBL-5342 20a Duplex Recept	\$3.59 E	-\$25.12	29.50 C	-2.07
-7.00	1g Nylon Switch Plate	\$0.26 E	-\$1.85	0.06 E	-0.41
			\$15.33		9.81
			\$0.00		8.00
			\$0.00	8.00 E	8.00
			\$13.29		1.71
1.00	Manage Everon Time Clock Scope	\$0.00 X	\$11.61	8.26 C	0.83
10.00	3/4" EMT Conduit	\$116.09 C	\$1.09	0.35 E	0.71
2.00	3/4" EMT/CMPI Connector	\$54.29 C	\$0.60	0.18 E	0.18
1.00	3/4" EMT/CMP Coupling	\$59.88 C	\$2.04		0.10
1.40	3/4" EMT Generic/Supp	\$145.74 C	\$2.04	7.08 C	0.10
			-\$245.37		-27.49



Proposal prepared for:

# ADVANCED ELECTRICAL SYSTEMS

Presented by:

**William Shipley**

**2.2.2026**

Sales Agreement ID: 892258663

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**Equipment and Investment Statement for: TK Stone PR-13 Clocks 1-26**

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**Site Information: T K STONE MIDDLE SCHOOL, 323 MORNINGSIDE DR, ELIZABETHTOWN, KY 42701**

## **Scope of Work:**

### **The Electrical Contractor Shall:**

- \* Provide all rough-in & conduit work including all surface raceway & surface boxes.
- \* Provide a complete cable pathway to the classrooms/corridors and sleeves thru all walls.
- \* Provide 120VAC.
- \* Fire Stop all wall penetrations as required in bidding documents.

### **Everon Solutions Shall:**

- \* Provide engineered shop drawings and submittals.
- \* Install secondary pathways in the classrooms.
- \* Install all cable and field devices.
- \* Perform final connections at the head end.
- \* Perform testing, certification & post work documentation.
- \* Perform post-test w/ customer for volume acceptance.
- \* Provide training to the owner.

### **Clarifications:**

- \* Customer is responsible for the creation of a dedicated VLAN for intercom communications.
- \* Customer is responsible for purchasing one (1) SIP trunk license from their phone system provider.
- \* Customer is responsible for having the phone system fully configured prior to Everon's installation date with provided SIP trunk configuration information. SIP trunk configuration information will be provided to the customer when the project has been assigned to a project manager.
- \* On the day of eSIP commissioning, the customer is responsible for having the phone system provider on standby for any connection issues to the customers phone system. One (1) hour of labor is included (including any and all hold times) to perform the eSIP to phone system connection with the phone system provider. After the one (1) hour labor, Everon Solutions reserves the right to charge the customer for all additional time in the results of the phone system provider misconfiguration.
- \* This system will require 15 dedicated network VLAN ports from customer's existing network, network switches are the owner's responsibility.
- \* Everon will perform a complete pre-test of the existing system. Any defects in the existing wiring, speakers or call switches will be reported to owner. Such repairs are not part of this proposal.
- \* CAT cabling for intercom field devices resides under the structured cabling SOW.

### **PR-13:**

- \* Provide and install master clock controller in room 107.
- \* Install wall mounted digital 120vac clocks in the following rooms; 112, 110, 104, 102, 101, 103, 105, 109, and 111.
- \* Program and Test.

**Equipment List:**

Quantity	Description
9	Digital clock 120vac
1	Clock Controller c/w Transceiver, Surface mtg

Summary of Charges for: TK Stone PR-13 Clocks 1-26		
Installation Price		\$14,000.00
<b>Total Installation Price*</b>		<b>\$14,000.00</b>
<b>Total Monthly Recurring Services Charges*</b>		<b>\$0.00</b>
		*Plus applicable tax
Schedule of Values	Manual	Manual Schedule of Values/Milestone Billing

**Equipment and Investment Statement for: New System Design**

Site Information: New Customer,

Summary of Charges for: New System Design		
Installation Price		\$0.00
<b>Total Installation Price*</b>		<b>\$0.00</b>
<b>Total Monthly Recurring Services Charges*</b>		<b>\$0.00</b>
		*Plus applicable tax

## Investment Summary

### Summary of Charges for: TK Stone PR-13 Clocks 1-26

Installation Price	\$14,000.00
--------------------	-------------

<b>Total Installation Price*</b>	<b>\$14,000.00</b>
----------------------------------	--------------------

<b>Total Monthly Recurring Services Charges*</b>	<b>\$0.00</b>
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\*Plus applicable tax

### Summary of Charges for: New System Design

Installation Price	\$0.00
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<b>Total Installation Price*</b>	<b>\$0.00</b>
----------------------------------	---------------

<b>Total Monthly Recurring Services Charges*</b>	<b>\$0.00</b>
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\*Plus applicable tax

### Total Proposal Option

Installation Price	\$14,000.00
--------------------	-------------

<b>Total Installation Price*</b>	<b>\$14,000.00</b>
----------------------------------	--------------------

<b>Total Monthly Recurring Services Charges*</b>	<b>\$0.00</b>
--	---------------

\*Plus applicable tax

*Pricing above is as of the date of this Proposal and Rider and valid for 30 days unless a change in equipment cost occurs. Government tariffs or levies may cause these prices to increase, even if such tariffs or levies are enacted after the date of this Proposal and Rider. Please speak to your sales representative for solutions to minimize risk of tariff-related price increases.*

If Everon and Customer are parties to a mutually signed, written agreement, then the terms of that agreement control. If Everon and Customer are not parties to a signed contract, then the scope of work and prices set forth above are based upon and subject to the Everon Terms and Conditions ("Terms") available at <https://www.everonsolutions.com/terms-and-conditions-sale>. Any modifications to the Terms may result in pricing changes. Any other terms and conditions are rejected by Everon unless in a document signed by an authorized representative of Everon.

## PR-13 MEP REVISION NARRATIVE

Date	2026-01-14
Project #	23016/XETR23
Project Name	TK Stone Middle School Renovation Project
Project Location	323 Morningside Dr, Elizabethtown, KY 42701

### NARRATIVE ITEMS:

\*Refer to the clouded areas of the included sheets for drawing revisions outlined in this narrative.

1. Sheet E0.1:
  - a. Revised clock legend to reflect updated symbols and clock model #s.
2. Sheet E3.0A:
  - a. Remove clock hanger receptacles and associated infrastructure from the following rooms:
    - i. Family Resource Center 178
    - ii. FMD Room 179
    - iii. Sensory Room 179C
    - iv. Classroom 180
    - v. Mental Health 181
    - vi. Resource Room 182
    - vii. Classroom 184
  - b. Provide electrical connections to the new Telecor Clock Transceiver as shown. Extend circuit from 1LV2-13, serving the paging system cabinet, for connection to wall-mounted clock transceiver.
  - c. Revised tagged note E69.
  - d. Added tagged note E75 for power and connection to wall-mounted clock transceiver.
  - e. Revised clock hanger receptacle symbols to junction boxes on drawing.
3. Sheet E3.2:
  - a. Remove clock hanger receptacles and associated infrastructure from the following rooms/spaces:
    - i. Vestibule VB1
    - ii. Corridor CG1
    - iii. Classroom 133
    - iv. Resource Room 136
    - v. Resource Room 137
    - vi. Classroom 138
    - vii. Band Room 139
4. Sheet E4.0A:
  - a. Provide new wireless digital clocks, as shown on the systems plans. Provide all required mounting hardware required for mounting of new clocks. Coordinate all final locations and mounting heights with the owner prior to mounting of clocks.
  - b. Provide a new Telecor Wireless Clock Transceiver and connection to the Telecor paging and master clock system.

- c. Added tagged notes S83 & S84 for wireless digital clocks and wireless clock transceiver.
- 5. Sheet E8.3:
  - a. Revised panel schedule 1LV1 to show revised loads.
- 6. Sheet E8.4:
  - a. Revised panel schedule 1LV3 to show revised loads.
- 7. General notes:
  - a. New clocks shall be synchronized to the new Telecor Master Clock Transceiver and master clock system. Synchronize clocks to new wireless transceiver per the manufacturer's installation guidelines.
  - b. Wireless clocks to utilize the existing power rough-in locations, as installed in the Admin Wing. Utilize existing rough-ins and circuits to clock hanger receptacle locations to provide connection to new line-voltage powered wireless clocks.

End of Narrative Items

**Respectfully,**

**Jonathan J. Walton, P.E.**  
Electrical Engineer

220 Lexington Green Circle, Suite 600  
Lexington, KY 40503  
C: 716.220.6231

[cmta.com](http://cmta.com)











RENOVATIONS AND ADDITIONS TO T. STONE MIDDLE SCHOOL  
FOR  
ELIZABETHTOWN INDEPENDANT SCHOOLS  
2023 FUNDING AND BUDGETARY BY 10721

PROJECT NO. 2023-00000000  
DATE: 11/15/2023  
DRAWN BY: J. W. BROWN  
CHECKED BY: J. W. BROWN  
SCALE: AS SHOWN  
SHEET NO. 01-1  
TOTAL SHEETS: 01-1

**E8.3**  
APPROVED FOR CONSTRUCTION  
DATE: 11/15/2023  
BY: J. W. BROWN

**EXISTING PANELBOARD SCHEDULE**

Panel: 1000  
Voltage: 480V  
Type: 3P/4W

Panel	Panel Description	Panel Type	Panel Voltage	Panel Breaker	Panel Location	Panel Notes
1000	3P/4W 480V Panel	3P/4W	480V	1000	1000	1000

**REVISED PANELBOARD SCHEDULE**

Panel: 1000  
Voltage: 480V  
Type: 3P/4W

Panel	Panel Description	Panel Type	Panel Voltage	Panel Breaker	Panel Location	Panel Notes
1000	3P/4W 480V Panel	3P/4W	480V	1000	1000	1000

**NEW PANELBOARD SCHEDULE**

Panel: 1000  
Voltage: 480V  
Type: 3P/4W

Panel	Panel Description	Panel Type	Panel Voltage	Panel Breaker	Panel Location	Panel Notes
1000	3P/4W 480V Panel	3P/4W	480V	1000	1000	1000

**EXISTING PANELBOARD SCHEDULE**

Panel: 1000  
Voltage: 480V  
Type: 3P/4W

Panel	Panel Description	Panel Type	Panel Voltage	Panel Breaker	Panel Location	Panel Notes
1000	3P/4W 480V Panel	3P/4W	480V	1000	1000	1000

**REVISED PANELBOARD SCHEDULE**

Panel: 1000  
Voltage: 480V  
Type: 3P/4W

Panel	Panel Description	Panel Type	Panel Voltage	Panel Breaker	Panel Location	Panel Notes
1000	3P/4W 480V Panel	3P/4W	480V	1000	1000	1000

**NEW PANELBOARD SCHEDULE**

Panel: 1000  
Voltage: 480V  
Type: 3P/4W

Panel	Panel Description	Panel Type	Panel Voltage	Panel Breaker	Panel Location	Panel Notes
1000	3P/4W 480V Panel	3P/4W	480V	1000	1000	1000

**EXISTING PANELBOARD SCHEDULE**

Panel: 1000  
Voltage: 480V  
Type: 3P/4W

Panel	Panel Description	Panel Type	Panel Voltage	Panel Breaker	Panel Location	Panel Notes
1000	3P/4W 480V Panel	3P/4W	480V	1000	1000	1000

**REVISED PANELBOARD SCHEDULE**

Panel: 1000  
Voltage: 480V  
Type: 3P/4W

Panel	Panel Description	Panel Type	Panel Voltage	Panel Breaker	Panel Location	Panel Notes
1000	3P/4W 480V Panel	3P/4W	480V	1000	1000	1000

**NEW PANELBOARD SCHEDULE**

Panel: 1000  
Voltage: 480V  
Type: 3P/4W

Panel	Panel Description	Panel Type	Panel Voltage	Panel Breaker	Panel Location	Panel Notes
1000	3P/4W 480V Panel	3P/4W	480V	1000	1000	1000

REVISIONS:

NO.	DATE	BY	DESCRIPTION
1	11/15/2023	J. W. BROWN	ISSUED FOR CONSTRUCTION

APPROVED FOR CONSTRUCTION  
DATE: 11/15/2023  
BY: J. W. BROWN



### FEATURES

- Wireless Transmitter/Repeater for 2490 Series of Wireless Secondary Clocks
- SNTP Synchronization to Web Server
- 915-928 MHz frequency-hopping technology
- Can transmit up to 1 mile in open space
- LED display for a clear, accurate readout
- Transmits wireless signal every minute

### DESCRIPTION

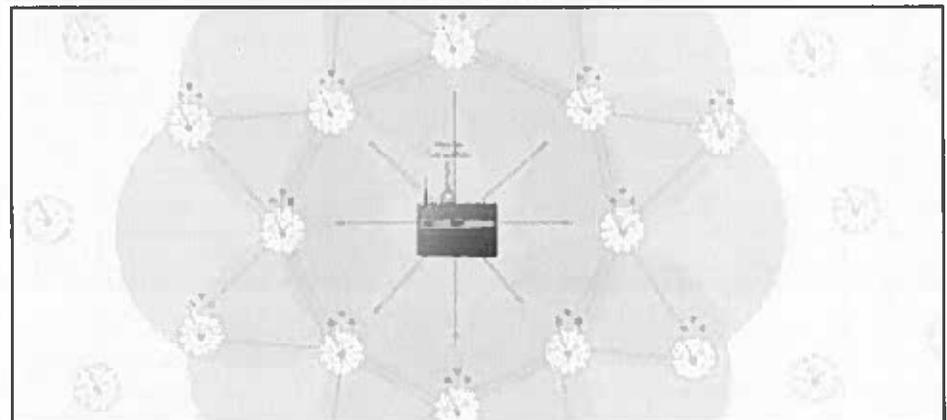
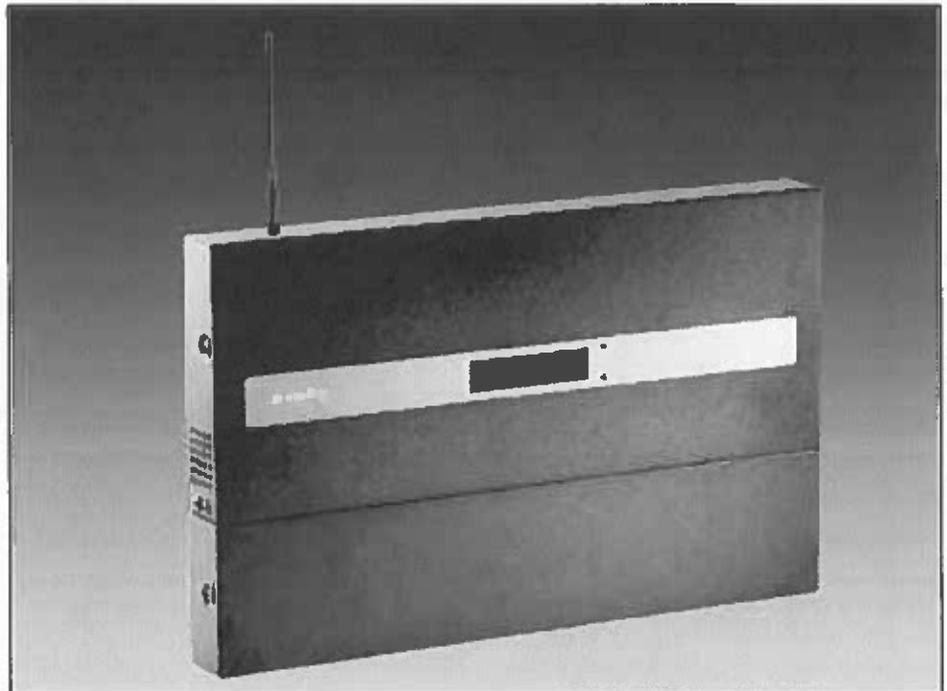
The Telecor 2490-TCR Clock Controller / Transceiver (transmitter/receiver) is designed to wirelessly transmit a clock correction signal to the Telecor 2490 Series of Wireless Secondary Clocks while receiving a time signal from the Telecor 2400, the Telecor II or XL microprocessor-based Administrative Communication System. The 2490-TCR comes standard with SNTP/NTP capability for synchronization to any Internet SNTP/NTP time source.

The Transceiver works on a 915-928 MHz frequency-hopping technology that allows for a better and clearer signal even if interference is in one of the frequencies. It is capable of transmitting up to 1.6 Km (5,280 feet) in open space. The Transceiver transmits the correction signal every minute, ensuring constant time correction. The front panel LED display on the Transceiver shows the time that is being received and transmitted, the date, the status of Daylight Saving Time (enabled or disabled), as well as a host of diagnostic conditions.

The Transceiver has a temperature-controlled time base, allowing calibration of the time base during variants in temperature. The Transceiver is powered using a 110VAC or 220VAC source. The 2490-TCR is wall-mounted.

### PART NUMBER SPECIFICATIONS

Time Base:	Quartz Crystal
Voltage Input:	85-285VAC, 50/60 Hz
Power Input:	35 W
Input Sensitivity:	-103 dbm
Transmission Frequency:	915-928 MHz (Frequency Hopping Technology)
RF Signal Output:	30 dbm (1 watt)
Current Consumption:	319 mA @ 110VAC
Display:	.66" seven (7) segment LEDs
Display Format:	12 or 24 hours
Battery Backup:	Ten (10) years
Internet Connection:	TCP/IP LAN port
Relay Closure Duration:	1-99 seconds
Time Format:	HH:MM:SS
Programming:	Via two (2) switches
Mounting:	Wall Mount
Color:	Black
Enclosure Size:	11"(H) x 17.5"(W) x 1.75"(D) 27.94cm x 44.45 cm x 4.45cm
Weight:	6.5 lbs. (2.95 kg)
Antenna Length:	7"
FCC Compliant:	Part 15 Section 15.247



**Innovative technology allows each clock to receive and transmit correction signals**

### PARTIAL LIST OF ASSOCIATED EQUIPMENT

Telecor II or XL	Administrative Communication System
2400	Master Clock
2490 Series	Wireless Secondary Clocks

All product information subject to change without notice.

### FEATURES

- Each Clock Functions Both as a Receiver and Transmitter
- 915-928 MHz Frequency-Hopping Technology
- AlGaAs "Super Bright" LEDs
- Automatic Calibration
- 2.5" or 4" Display
- Available in 24 VAC or 115 VAC Models
- Wall or Ceiling Mount
- Single or Double-Face Mounting

### DESCRIPTION

Telecor's 2411 and 2412 Wireless Digital Secondary Clocks utilize innovative technology that allows each clock to receive and re-transmit the correction signal to adjacent clocks. These clocks operate in conjunction with a 2490 Transceiver which provides the time base and transmits the correction signal. In applications where event scheduling is required for time tone or bell signaling, a Telecor 2400 Master Clock or the Telecor II or XL Communication system is used in conjunction with the 2490. In the event of a power failure, either the Telecor Transceiver or Master Clock maintains proper timekeeping during the outage. Once power is restored, all digital clocks respond to the corrective signal transmitted from the Telecor time base.

Because each clock functions as a receiver/transmitter, clock locations throughout a facility are not limited to the distance or signal path between the Transceiver and clocks. The innovative 915-928 MHz frequency-hopping technology allows for a better and clearer signal, even if there is interference in one of the frequencies. The clocks include automatic calibration as well as diagnostic functionality that allows the user to check the quality of the signal, when the clock last received a signal, and to perform a comprehensive analysis of the clock itself.

The 2411 offers a 2.5" display while the 2412 provides a larger 4" display. The displays utilize AlGaAs "Super Bright" LED's Both the 2.5" and the 4" models are available in 24 VAC and 115 VAC versions.

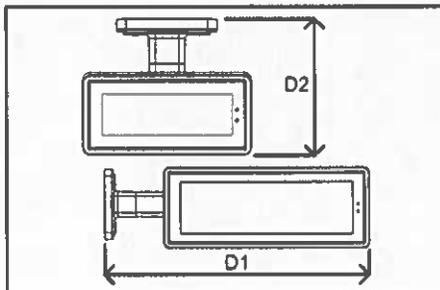


Single Face 2411/2412



2411 with Double Mount Housing

The clock is housed in a smooth surface ABS case that can be attached to a standard single gang electrical box. A pair of clocks can be joined together using a 2400-DG Double Mount Pole, providing a dual face clock assembly that can be wall or ceiling mounted.



Double Mount Clock Dimensions

Double Mounted 2411 2.5" Digital Clock		
Pole Model	D1 Wall	D2 Ceiling
2400-DG-8.5	Not suitable for wall mounting	8.68" (22 cm)
2400-DG-13.5	18.95" (48.1 cm)	14.75" (37.5 cm)

Double Mounted 2412 4" Digital Clock		
Pole Model	D1 Wall	D2 Ceiling
2400-DG-8.5	Not suitable for wall mounting	10.13" (25.7 cm)
2400-DG-13.5	20.47" (52.0 cm)	15.75" (40 cm)

### WIRELESS DIGITAL CLOCK SPECIFICATIONS

Operating Voltage:	24 or 115 VAC
Current Consumption:	
2411-24:	85 mA
2411-115:	30 mA
2412-24:	190 mA
2412-115:	45 mA
2412-24:	24 VAC
Time Base:	Quartz, Automatic Calibration
Operating Freq.:	915-928 MHz
Power Output:	8 dBm
Input Sensitivity:	-103 dBm
Display Format:	Hour / Minute
Mounting:	Surface and Double Face
Environmental Requirements:	
	32-130°F (0-55°C)
	5-95% relative humidity, non-condensing
Dimensions:	
2411:	11.08" W x 5.38" H x 4.06" D (28.1 cm x 13.7 cm x 10.3 cm)
2412:	14.13" W x 7.56" H x 4.38" D (35.9 cm x 19.2 cm x 11.1 cm)
Weight:	
2411:	3 lbs (1.36 kg)
2412:	4 lbs (1.81 kg)
FCC Compliance:	Part 15, Section 15.247

### PARTIAL LIST OF ASSOCIATED EQUIPMENT

2490-TCR	Wireless Transmitter/Receiver
2490-R	Wireless Repeater
2400-DG-8.5	Double Mount Pole (Ceiling)
2400-DG-13.5	Double Mount Pole (Wall)
2400	Master Clock

All product information subject to change without notice.



# FACPAC Contract Change Order Supplemental Information Form (Ref# 64489)

Form Status: Saved

Tier 1 Project: T.K. STONE RENOVATION & ADDITION

BG Number: 24-207

District: Elizabethtown Independent (HB678) (152)

Status: Active

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	3/6/2026
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	\$1,129,054.90
Net Approved COs	\$323,982.55
Remaining After Approved COs	\$805,072.35
Net All COs	\$373,966.89
Remaining After All COs	\$755,088.01

This Requested Change Order Amount (\$2,348.39)

+/-

Change In A/E Fee This Change Order

+/-

Change In CM Fee This Change Order \$0.00

+/-

Remaining Construction Contingency \$755,088.01

Balance

Contract Change Requested By Local Board of Education

Contract Change Reason Code Reduction of Scope

Change Order Description And Justification

Cost associated with a credit for material and labor associated with removing clock rough ins.  
PR#13.

Cost Benefit To Owner

This will result in a cost savings to the 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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<b>Detail Item</b>	<b>Amount</b>	<b>Percent of Total</b>
Labor	(\$2,042.25)	86.96%
Materials	(\$260.09)	11.08%
Profit and Overhead		0.00%
Bond Insurance	(\$46.05)	1.96%
<b>Cost Breakdown Total:</b>	<b>\$-2,348.39</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# 64489)**

\_\_\_\_\_  
Architect

\_\_\_\_\_  
Date

\_\_\_\_\_  
Construction Manager

\_\_\_\_\_  
Date

\_\_\_\_\_  
Finance Officer

\_\_\_\_\_  
Date

\_\_\_\_\_  
Local Board of Education Designee

\_\_\_\_\_  
Date