

BG #: 13-133 Change Order No.: 003

District: Hardin County District Code: \_\_\_\_\_ Facility Name: \_\_\_\_\_ School Code: \_\_\_\_\_

Project: GC Burkhead Elementary School Time Extension Required: ☐ Yes ☒ No If yes, by \_\_\_\_\_ day(s)

Date of Change Order: 04/20/2015 Change Order Amount: ☐ Increase ☒ Decrease ☐ Unchanged

Contractor / Vendor Name: D.W. Wilburn Bid Package No.: N/A

1. This Requested Change Order Amount + / -	\$	-6,137.17
2. Remaining Construction Contingency Balance: (including line 1 above)	\$	782,264.28

3. Change in A/E Fee for this Change Order +/-	\$	N/A
4. Change in CM Fee for this Change Order +/-	\$	N/A

**Note: Change Orders equal to or greater than \$25,000 shall be submitted to KDE with detail cost breakdown.**  
*Attach additional pages if necessary.*

Contract change requested by: ☐ Local Board of Education ☐ General Contractor ☒ Architect/Engineer  
☐ Construction Manager ☐ Code Enforcement Official ☐ Other: \_\_\_\_\_

Contract change reason code: ☒ Reduction of Scope ☐ Expansion of Scope ☐ Improved Plans/Specs  
☐ Found Condition ☐ Code Compliance ☐ Other: \_\_\_\_\_

Change Order Description and Justification:	Cost Benefit to Owner:
Media Center lighting revision.	

Have contract unit prices been utilized to support the cost associated with this change order? N/A

☐ Yes ☐ No If no, provide a detailed cost breakdown which separates labor, material, profit and overhead.

**Cost Breakdown:**

Total Change Order Amt.:	Labor	Materials	Profit & Overhead*	Bond & Insurance
-6,137.17	See attachments	See attachments	See attachments	See attachments
% of Total Change Order Amt.:	See attachments	See attachments	See attachments	See attachments

**\*Profit & Overhead shall not exceed 15% of net cost of change order**

Is the cost for this change order supported by an alternate bid or competitive price quote(s)?

☐ Yes ☒ No If no, explain why Cost was reviewed by Consultants and found to be acceptable.

Board of Education Designee's Signature \_\_\_\_\_ Date \_\_\_\_\_

Architect's Signature \_\_\_\_\_ Date \_\_\_\_\_

Finance Officer's Signature \_\_\_\_\_ Date \_\_\_\_\_

N/A  
Construction Manager's Signature \_\_\_\_\_ Date \_\_\_\_\_

# AIA<sup>®</sup> Document G701<sup>™</sup> – 2001

## Change Order

<b>PROJECT</b> <i>(Name and address):</i> G.C. Burkhead Elementary 1323 Saint John Road Elizabethtown, Kentucky 42701	<b>CHANGE ORDER NUMBER:</b> 003 <b>DATE:</b> 04/20/2015	<b>OWNER:</b> <input type="checkbox"/> <b>ARCHITECT:</b> <input type="checkbox"/> <b>CONTRACTOR:</b> <input type="checkbox"/> <b>FIELD:</b> <input type="checkbox"/> <b>OTHER:</b> <input type="checkbox"/>
<b>TO CONTRACTOR</b> <i>(Name and address):</i> D.W. Wilburn 153 Blue Sky Parkway Lexington, Kentucky 40509	<b>ARCHITECT'S PROJECT NUMBER:</b> 1264 <b>CONTRACT DATE:</b> 04/20/2014 <b>CONTRACT FOR:</b> General Construction	

### THE CONTRACT IS CHANGED AS FOLLOWS:

*(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)*  
Media Center lighting revision.

The original Contract Sum was	\$ 15,817,590.00
The net change by previously authorized Change Orders	\$ 14,752.90
The Contract Sum prior to this Change Order was	\$ 15,832,342.90
The Contract Sum will be decreased by this Change Order in the amount of	\$ -(6,137.71)
The new Contract Sum including this Change Order will be	\$ 15,826,205.19

The Contract Time will be increased by Zero (0) days.

The date of Substantial Completion as of the date of this Change Order therefore is June 30, 2015

**NOTE:** This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which 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, CONTRACTOR AND OWNER.

Murphy + Graves + Trimble, PLLC

**ARCHITECT** *(Firm name)*

3399 Tates Creek Road  
Suite 250  
Lexington, Kentucky 40502

**ADDRESS**

**BY** *(Signature)*

Charles Trimble

*(Typed name)*

**DATE**

D.W. Wilburn

**CONTRACTOR** *(Firm name)*

153 Blue Sky Parkway  
Lexington, Kentucky 40509

**ADDRESS**

**BY** *(Signature)*

Sherry De Hart

*(Typed name)*

**DATE**

Hardin County Board of Education

**OWNER** *(Firm name)*

65 W.A. Jenkins Road  
Elizabethtown, Kentucky 42701

**ADDRESS**

**BY** *(Signature)*

Gary Milby

*(Typed name)*

**DATE**



## Proposal Request 10

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Date Issued: 02/23/2015

Murphy + Graves Project No. 1264

Project: GC Burkhead Elementary

Attachments: RFP Marcum Engineering

Issued by: Maria Gillette via Andrea Bradford

Subject: Media Center Lighting Revision

See attached RFP from Marcum Engineering.

Provide materials, labor and Overhead/Profit breakdown for review and approval.

**NEW G.C. BURKHEAD ELEMENTARY SCHOOL**  
**HARDIN COUNTY SCHOOLS**  
**ELIZABETHTOWN, KENTUCKY**  
**MURPHY GRAVES TRIMBLE NO. 1264**  
**MARCUM NO. 13519**

**MPE REQUEST FOR PROPOSAL**

**TO:** Andrea Bradford, Murphy Graves Trimble

**CC:** Chuck Trimble, Murphy Graves Architects  
Maria Gillette, Murphy Graves Architects  
Rob Crouch, Murphy Graves Architects  
Johnny Baucum, Marcum Engineering  
Micah Cope, Marcum Engineering  
Baccus L. Oliver, Marcum Engineering

**FROM:** Tony Gray, Marcum Engineering

**DATE:** February 23, 2015

**SUBJECT:** Media Center Lighting Revision

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**RATIONALE:**

In an effort to reduce exposed conduit and minimize the appearance of electrical connections for lighting installation, the lighting for the space is to be revised. This proposal covers the electrical changes necessary for this revision.

**DESCRIPTION OF REQUEST:**

Refer to attached Sketch XE03:

Omit lighting fixtures and electrical items indicated on Sketch XE03 - revise circuitry and layout as indicated. Manufacturer has confirmed that Type G3 and G4 light fixtures are available through a quick ship program for 5 business day delivery. Contractor shall selectively route conduits to minimize visibility as much as possible – paint to match adjacent surfaces. All penetrations through wood trusses shall be approved by the truss manufacturer and comply with their requirements.

The proposal shall be broken down to reflect labor, material, any unit costs that apply, and mark-up.

ATTACHMENTS:

1. Sketch XE03
2. Light Fixture Cutsheet

**END OF DOCUMENT**

# ELECTRICAL CONSTRUCTION NOTES

(APPLIES TO THIS DRAWING ONLY)

#	
1	OMIT (14) TYPE "O" LIGHT FIXTURES, ASSOCIATED LABOR, CIRCUITRY, CONDUIT, WIRING, BLTC AND SWITCH "e" - APPLY APPLICABLE CREDIT TO PROPOSAL.
2	OMIT (12) TYPE "Z" LIGHT FIXTURES, (6) TYPE "Z1" LIGHT FIXTURES, DIMMERS "d" AND "f", ASSOCIATED LABOR, CIRCUITRY (B1-9,10), CONDUIT AND WIRING, BACK TO SOURCE PANEL "B1" - APPLY APPLICABLE CREDIT TO PROPOSAL. BREAKERS SHALL BECOME "SPARES".
3	EXTEND 1/2" C WITH #12 AWG TO PANEL ELS1 ON PLATFORM 601A, NEAR PANEL "B1" - FURNISH AND INSTALL (2) 1P20A CIRCUIT BREAKERS AND CONNECT. FURNISH AND INSTALL NEW SWITCHES "a" AND "f" TO CONTROL LIGHTING CIRCUITS ELS1-18,19. SWITCHES SHALL BE GANGED WITH SWITCHES "a" THROUGH "d", NEAR CIRCULATION DESK. FOR SWITCHES "a" AND "f", FURNISH AND INSTALL A SHUNT RELAY FOR EACH, EQUAL TO LIGHTING CONTROL AND DESIGN #RG2001-E/S - WIRE PER MANUFACTURER'S RECOMMENDATIONS.
4	EMERGENCY POWER FEED DROP TO SUSPENDED ROW OF LIGHTING - COORDINATE EXACT PLACEMENT WITH WOOD PURLINS - SLIGHT RELOCATION IS PERMITTED.
5	LIGHT FIXTURES SHALL BE SUSPENDED WITH BOTTOM AT 112'-8". COORDINATE SUSPENSION CABLE LENGTH AND FINAL ANCHOR POINTS INTO WOOD DECKING. LIGHT FIXTURE ROW "G3" SHALL BE PEERLESS #10CRM4-QST-228T5-20/80-WHR-X24-R4-120-SCT-LP841-F2-C210-ACG WITH 80% DOWNLIGHT AND 20% UPLIGHT.
6	LIGHT FIXTURES SHALL BE SUSPENDED WITH BOTTOM AT 117'-0". COORDINATE SUSPENSION CABLE LENGTH AND FINAL ANCHOR POINTS INTO WOOD DECKING. LIGHT FIXTURE ROW "G4" SHALL BE PEERLESS #10CRM4-QST-328T5-20/80-WHR-X24-R4-120-SCT-LP841-F2-C210-ACG WITH 80% DOWNLIGHT AND 20% UPLIGHT.
7	BORE BEAM FOR 1/2" CONDUIT PASS THROUGH - COORDINATE WITH TRUSS MANUFACTURER FOR APPROVAL FOR MEANS AND METHODS. ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH DECKING, TO THE SATISFACTION OF THE ARCHITECT.
8	CONNECT TO CIRCUIT B1-8, IN LIEU OF B1-10.

REFERENCE DRAWING E2.1

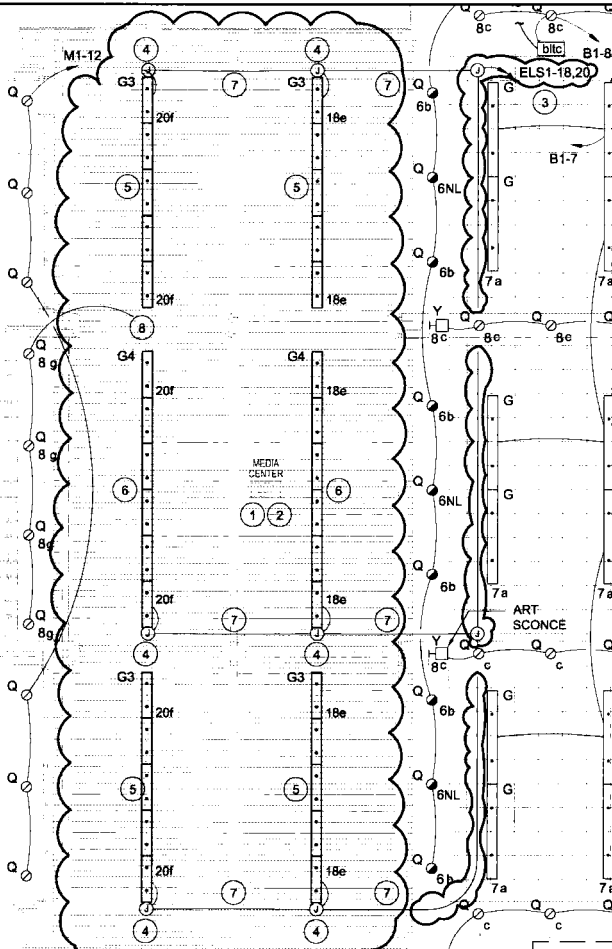
**MARCUM ENGINEERING, LLC**  
500 SOUTH 17th STREET  
PADUCAH, KENTUCKY 42002-0120  
PHONE - 270.444.9274  
www.marcumengineering.net  
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PROJECT NO  
13519  
DATE  
2.20.2015  
DRAWN BY  
TG  
SCALE  
NO SCALE

MEDIA CENTER LIGHTING REVISIONS  
G.C. BURKHEAD  
ELEMENTARY SCHOOL  
BG# 13-133

SHEET

**XE03**



# Cerra 10<sup>1/D</sup>



## 10CRM4QS

### Specifications

**CONSTRUCTION**—Nominal 10" x 3" crescent housing is formed from one-piece cold-rolled steel. Flat end plate standard. Sculptured die-cast aluminum end cap is optional.

**SHIELDING**—SSB—Parabolic aluminum baffle with semi specular finish. SBL—White steel straight blade baffle. PPL—White perforated steel straight blade baffle. WPB—Parabolic aluminum baffle with white finish.

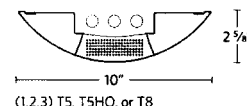
**REFLECTORS**—Die-formed highly reflective white or specular reflector.

**FINISH**—Fine textured white polyester powder paint.

**LUMINAIRE LENGTH**—4', 8', and 12' lengths in a single section for nominal suspension spacing of 4', 8', and 12'. For total luminaire length, add 1/4" for each flat end plate or 4" for each sculptured end cap. Using internal joiners, 4', 8', and 12' sections can be joined to form longer length luminaires.

**DISTRIBUTION**—Various, see below. See non-QuickShip spec sheet for photometrics.

### Dimensions / Lamping



### Catalog Number

Sample Catalog Number: 10CRM4QS 2 32 WHR SSB 40FT R12 277 GEB10 OCT LP835 F1/18 C210 SCEP

Luminaire	# of Lamps in Cross Section	Lamp Type	Reflector	Distribution	Shielding	Baffle	Luminaire Row Length	Maximum Section Length	Voltage	Ballast Type	
10CRM4QS	1	28 T5	28W T5	20/80	(Blank)	SSB	X FT	R4	120	GEB10	<10% THD Electronic (32 T8, 28 T5, 54 T5HO)
	2	54 T5HO	54W T5HO	40/60	OPD	SBL	(4' increments)	R8	277	GEB10/347V	347V Generic non-dim
10CRM4 QST	3	32	32W T8	0/100		PPL		R12		OSSC	Only available with 10-day QuickShip
				CLP						ADEZ	Osram 0-10V dim or line voltage control (32 T8)
										OSDIM	Advance Mark 10 dim (54 T5HO)
										ADZT	Osram 0-10V dim (54 T5HO)
											Advance Mark 7 0-10V dim (28 T5, 32 T8, 54 T5HO).

# of Emergency Modules	Emergency Type <sup>2</sup>	Switching	Lamp Color	Mounting Type	Overall Suspension <sup>5</sup>	Finish	Options
(Blank) None	(Blank) None	SCT Single circuit	L/LP <sup>6</sup> No lamp	F1/ T-bar ceiling (universal mounting bracket)	12 12"	C210 White white (fine-textured low gloss)	ACG Adjustable cable grippers
TSE 1 section	EC <sup>3</sup> Emergency circuit	DCT <sup>3</sup> Dual circuit	LP830 3000K 80+ CRI	F1A/ T-bar ceiling (UMB with integrated J-box)	15 15"		CP Chicago plenum (available with F1A only)
ZSE 2 sections	EL Emergency battery pack		LP835 3500K 80+ CRI	F2/ Hard ceiling (horizontal J-box)	18 18"		DU <sup>4A</sup> Dust cover
XSE X sections	EN <sup>3</sup> Emergency battery pack w/night light circuit		LP841 4100K 80+ CRI		21 21"		ELH Emergency through wiring w/separate feed
			*Wired for full wattage lamps only, do not install low wattage lamps		24 24"		ELS <sup>3</sup> Emergency through wiring w/single feed, shared neutral
					XX XX"		ELS2 <sup>3</sup> Emergency through wiring w/single feed, separate neutrals
							GLR Fusing (fast blow)
							GMF Fusing (slow blow)
							MCS Matching feed canopy at support
							OJB Offset junction box
							SCEP Sculptured end cap

Notes: 1 Available with 3 lamp cross section only 2 Emergency type is installed in last 4' of luminaire sections. Separate feed required unless ELS or ELS2 is specified 3 Not available with dimming 4 Not available with a distribution selection 5 Maximum of 240' 6 Not available with 3 lamp 54 T5HO

**Peerless**

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D. W. WILBURN, INC.

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153 Blue Sky Parkway  
Lexington, Kentucky 40509  
(859) 263-2720  
FAX (859) 263-5692

3/3/2015

Murphy Graves Architects  
3399 Tates Creek Rd  
Lexington, KY 40502

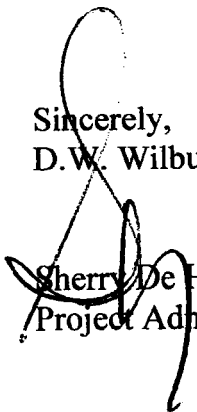
ATTN: Chuck / Maria

RE: GC Burkhead Elementary

Below you will find the costs associated with PR 10 which changes the lights in the media center.

Contractors Cost (per attached) (\$6,137.71)

Sincerely,  
D.W. Wilburn, Inc.



Sherry De Hart  
Project Admin



## Sherry De Hart

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**From:** Valerie Tarrence [heartlandelectric@windstream.net]  
**Sent:** Tuesday, March 03, 2015 2:44 PM  
**To:** 'Sherry De Hart'  
**Subject:** RE: New Request For Change in GC Burkhead Elementary

Sherry,

Please find breakdown as follows:

Deleting Fixtures O,Z,Z1	Credit -	\$18,700.00
Fixtures to be added Z5		<u>11,162.29</u>
Credit on Fixtures		\$ 7,537.71
Labor for O,Z,Z1		4,872.50
Labor for Z5		6,272.50
Credit for Fixtures		- \$ 7,537.71
Credit for Labor		<u>+1,400.00</u>
Total Credit		\$ 6,137.71

Thanks,