

Addendum #3

MULTIPLE BUILDING LIGHTING RETROFIT MIDDLE TENNESSEE STATE UNIVERSITY Murfreesboro, Rutherford County, Tennessee



ICT PROJECT NO. 180502.11

December 20, 2024

This Revision forms a part of the Contract Documents and modifies the original Documents dated November 8, 2024 as outlined here in addition to being shown on the drawings.

CHANGES TO THE OVERALL SCOPE:

The scope of work for Addendum 3 includes one (1) revised specification section, and one (1) revised sheet.

Specifications:

1. 00 11 16 – Revised bid date to January 22, 2025 at 2PM.

Drawings:

1. E001 – Added note that the project will be receiving TVA rebates and that the contractor will need to break out the billing as directed by TVA per building to assist the owner in obtaining the rebates.

END OF ADDENDUM 3



00 11 16 – INVITATION TO BID

PROJECT:

MTSU Multiple Building Lighting Retrofit
SBC Number N/A
Middle Tennessee State University
Murfreesboro, Rutherford County

INVITATION:

The State of Tennessee is inviting General Contractor bids for the Work of this project. Examine documents at the Designer's office or Plan Rooms on or after November 8, 2024.

Bidding Documents in PDF format may be obtained at no cost from the following source.

I.C. Thomasson Associates, Inc.

Contacts:

Phone: 615.346.3452

Erich P. Vierkant <evierkant@icthomasson.com>

Entities obtaining Bidding Documents become Bidders of Record for notifications. Bidders of Record may purchase hard copies of Bidding Documents from the same source (nonrefundable).

Bidders shall be licensed and qualified per state law. Five percent (5%) Bid Security is required in the form of a Bid Bond or check (certified or cashier's) made payable to State of Tennessee. Non-discrimination policy applies.

BIDS RECEIVED AT:

Middle Tennessee State University
Attention: Jamie Brewer
Holmes Building
836 Champion Way
Office 107
Murfreesboro, TN 37132

Until 2:00 p.m. Central Time, local time

On **January 22, 2025**

Bid opening will be held at 2:00 p.m. sharp local time at the MTSU Holmes Building.

PRE-BID CONFERENCE AT:

Shall occur at the MTSU Holmes Building Conference Room located at 836 Champion Way. Contractor shall purchase temporary parking permit from MTSU Parking Services either at the Parking Services Building or online through MTSU Parking Services.

At 2:00 p.m., local time

On November 21, 2024

00 11 16 – INVITATION TO BID

PLAN ROOMS:

iSqFt Plan Room & TN AGC
Builders Exchange of Tennessee
Minority Business Development Center

DESIGNER:

I.C. Thomasson
Erich P. Vierkant
2950 Kraft Drive
Nashville, TN 37204
615-346-3452

END OF SECTION

Lighting Fixture Schedule							
Type	Lamp	Mount	Description	Temperature	L70	Lumens	Equal Manufacturer
'A'	3-32W T8	RECESSED	3 LAMP PARABOLIC	3500K	50,000	2000	SATCO / PHILLIPS / GE
'AE'	3-32W T8	RECESSED	3 LAMP PARABOLIC - W/EM. BATTERY BACKUP - 2 LAMPS	3500K	50,000	2000	SATCO / PHILLIPS / GE
'B'	2-32W T8	WALL	2 LAMP WALL MOUNT	3500K	50,000	2000	SATCO / PHILLIPS / GE
'C'	2-32W T8	SURFACE	2 LAMP STRIP	3500K	50,000	2000	SATCO / PHILLIPS / GE
'CE'	2-32W T8	SURFACE	2 LAMP STRIP W/EM BATTERY BACKUP - 1 LAMP	3500K	50,000	2000	SATCO / PHILLIPS / GE
'D'	1-INC. SCREW-IN	SURFACE	1-LAMP SCREW-IN	3500K	50,000	1500	SATCO / PHILLIPS / GE
'E'	1-INC. SCREW-IN	WALL	1-LAMP SCREW-IN	3500K	50,000	1500	SATCO / PHILLIPS / GE
'G'	2-INC. SCREW-IN	WALL	2-LAMP SCREW-IN	3500K	50,000	1500	SATCO / PHILLIPS / GE
'H'	2 U-LAMP	SURFACE	2 U-LAMP SURFACE MOUNT	3500K	50,000	2000	SATCO / PHILLIPS / GE
'I'	2-32W T8	RECESSED	2 LAMP PRISMATIC	3500K	50,000	2000	SATCO / PHILLIPS / GE
'J'	2-42W	RECESSED	FL. CAN LIGHT	3500K	50,000	1500	SATCO / PHILLIPS / GE
'JE'	2-42W	RECESSED	FL. CAN LIGHT - W/EM. BATTERY BACKUP - 1 LAMP	3500K	50,000	1500	SATCO / PHILLIPS / GE
'K1'	LED	RECESSED	PROVIDE COLUMBIA # CBT24ALSCSEDD SWITCHABLE FLAT PANEL	SWITCH	60,000	SWITCH	LITHONIA / WILLIAMS
'K'	1-32W T8	WALL	4' FLUORECENT STRIP	3500K	50,000	2000	SATCO / PHILLIPS / GE
'L'	1-17W T8	WALL	2' FLUORECENT STRIP	3500K	50,000	2000	SATCO / PHILLIPS / GE
'M'	2-32W T8	SURFACE	2 LAMP PRISMATIC SURFACE MOUNT	3500K	50,000	2000	SATCO / PHILLIPS / GE
'N'	4-32W T8	SURFACE	4x4 4 LAMP SURFACE MOUNT	3500K	50,000	2000	SATCO / PHILLIPS / GE
'O'	1-INC. SCREW-IN	RECESSED	1-LAMP SCREW-IN DOWNLIGHT	3500K	50,000	1500	SATCO / PHILLIPS / GE
'P'	3-32W T8	RECESSED	12"x12" RECESSED SCREW-IN	3500K	50,000	2000	SATCO / PHILLIPS / GE
'Q'	3-32W-T8	RECESSED	DIRECT/INDIRECT 2x4 - 3 LAMP	3500K	50,000	2000	SATCO / PHILLIPS / GE
'QE'	3-32W-T8	RECESSED	DIRECT/INDIRECT 2x4 - 3 LAMP - W/EM. BATTERY BACKUP - 2 LAMPS	3500K	50,000	2000	SATCO / PHILLIPS / GE
'R'	2-32W-T8	RECESSED	DIRECT/INDIRECT 2x4 - 2 LAMP	3500K	50,000	2000	SATCO / PHILLIPS / GE
'RE'	3-32W-T8	RECESSED	DIRECT/INDIRECT 2x4 - 2 LAMP - W/EM. BATTERY BACKUP - 1 LAMP	3500K	50,000	2000	SATCO / PHILLIPS / GE
'S'	2-32W-T8	RECESSED	PRISMATIC 2x4	3500K	50,000	2000	SATCO / PHILLIPS / GE
'T'	10-32W-T8	PENDANT	PENDANT	3500K	50,000	2000	SATCO / PHILLIPS / GE
'U'	1-26W CFL	RECESSED	DOWNLIGHT	3500K	50,000	1500	SATCO / PHILLIPS / GE
'UE'	1-26W CFL	RECESSED	DOWNLIGHT - W/EM. BATTERY BACKUP	3500K	50,000	1500	SATCO / PHILLIPS / GE
'V'	1-INC. SCREW-IN	RECESSED	1 LAMP LARGE RECESSED DOWNLIGHT - REFERENCE NOTE ON PLAN - PROVIDE LARGE GLOBE EDISON LAMP	3500K	50,000	1500	SATCO / PHILLIPS / GE
'W'	ALW	PENDANT	RING PENDANT - BLUE - MR1.5D2SS LOW803500K V05LENS LOW 80V01 LENS GBUNVNN	3500K	54,000	3375/3750	MARK / LEDALIGHT
J1	2-32W T8	SURFACE	STRIP LIGHT	3500K	50,000	2000	SATCO / PHILLIPS / GE
J2	2-32W T8	SURFACE	SURFACE STRIP	3500K	50,000	2000	SATCO / PHILLIPS / GE
J3	1-INC. SCREW-IN	RECESSED	DOWNLIGHT	3500K	50,000	1500	SATCO / PHILLIPS / GE
J4	1-INC. SCREW-IN	SURFACE	KITCHEN HOOD	3500K	50,000	1500	SATCO / PHILLIPS / GE
J5	LED	RECESSED	DIMMABLE LED DOWNLIGHT-NEW - PROVIDE PRESCLOITE # LTR-6RD-H-VL-60L-DM01-SS-WT	3500K	55,000	6000	INTENSE / GOTHAM
J6	2-17W T8	WALL	BATHROOM LIGHT	3500K	50,000	2000	SATCO / PHILLIPS / GE
J8	7-CANDELABRA	PENDANT	CANDELABRA- PROVIDE NEW LED SCREW-IN DIMMABLE CANDELABRA	3500K	50,000	1000	SATCO / PHILLIPS / GE
J9	CFL	WALL	WALL MOUNT	3500K	50,000	1500	SATCO / PHILLIPS / GE
J10	48W LED	RECESSED	2x4 FLAT PANEL - REPLACE EXISTING LIGHT W/COLUMBIA # CBT24ALSCSEDD	SWITCH	60,000	SWITCH	LITHONIA / WILLIAMS
J12	2-17W T8	RECESSED	2x2 - 2 LAMP	3500K	50,000	2000	SATCO / PHILLIPS / GE

GENERAL NOTES:

A. ALL TUBE FLUORESCENT LAMP FIXTURES SHALL BE REWIRED AND REWORKED TO REMOVE BALLASTS AND BE DIRECT WIRED LED LAMPS. CFL DOWNLIGHTS SHALL HAVE BALLASTS BYPASSED AND LAMPS REPLACED WITH LED LAMPS. SCREW IN LAMPS SHALL BE REPLACED WITH NEW LED SCREW IN LAMPS. ALL LAMPS SHALL BE 3500K.

B. CONTRACTOR SHALL RECYCLE ALL FLUORESCENT LIGHTING PER STATE REQUIREMENTS. PROVIDE PERMITS, INSURANCE, ETC. REQUIRED.

C. OWNER IS PLANNING ON RECEIVING TVA REBATES FOR THIS SCOPE OF WORK. CONTRACTOR SHALL PROVIDE ITEMIZED INVOICES TO COMPLY WITH THE TVA PROGRAM REQUIREMENTS. TVA REQUIRES ALL MATERIAL AND LABOR COSTS TO BE BROKEN OUT IN ADDITION TO THE PART/MATERIAL NUMBERS, QUANTITY PURCHASED, PER UNIT COSTS AS WELL AS TOTAL COSTS. CONTRACTOR SHALL PROVIDE THIS INFORMATION TO THE OWNER WITH THEIR BILLING BROKEN OUT PER BUILDING TO HELP THE OWNER OBTAIN THE REBATES.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	MOUNTING HEIGHT TO CENTERLINE UNLESS NOTED
	CONDUIT CONCEALED IN WALL OR CEILING	
	CONDUIT CONCEALED IN FLOOR	
	CONDUIT EXPOSED ON WALL OR CEILING	
	HOMERUN CONDUIT, 2 CIRCUITS	
	CONDUIT TURNING UP	
	CONDUIT TURNING DOWN	
	SURFACE MOUNTED FLUORESCENT/LED LIGHT FIXTURE	
	SURFACE MOUNTED FLUORESCENT/LED LIGHT FIXTURE WITH EMERGENCY BATTERY BACKUP	
	RECESSED FLUORESCENT/LED LIGHT FIXTURE	
	RECESSED FLUORESCENT/LED LIGHT FIXTURE WITH EMERGENCY BATTERY BACKUP	
	SURFACE MOUNTED WALL LIGHT FIXTURE	
	SURFACE MOUNTED WALL LIGHT FIXTURE WITH EMERGENCY BATTERY BACKUP	
	RECESSED WALL LIGHT FIXTURE	
	RECESSED WALL LIGHT FIXTURE WITH EMERGENCY BATTERY BACKUP	
	SURFACE MOUNTED FLUORESCENT/LED LIGHT FIXTURE	
	SURFACE MOUNTED FLUORESCENT/LED LIGHT FIXTURE WITH EMERGENCY BATTERY BACKUP	
	RECESSED FLUORESCENT/LED LIGHT FIXTURE	
	RECESSED FLUORESCENT/LED LIGHT FIXTURE WITH EMERGENCY BATTERY BACKUP	
	SURFACE MOUNTED FLUORESCENT/LED LIGHT FIXTURE WITH EMERGENCY BATTERY BACKUP	
	EXIT LIGHT, WALL MOUNTED	
	EXIT LIGHT, CEILING MOUNTED	
	TWO-HEAD BATTERY POWERED EMERGENCY EGRESS LIGHT	
	REMOTE EMERGENCY BATTERY PACK	
	S LIGHTING FIXTURE TYPE DESIGNATION-SEE LIGHTING FIXTURE SCHEDULE	
	AREA OR STREET LIGHT FIXTURE	
	DRESSING ROOM PILOT LIGHT	
	SOLENOID VALVE	
	RELAY	
	TRANSFORMER	
	JUNCTION BOX	
	PULL BOX	
	ENCLOSED CIRCUIT BREAKER	
	CEILING MOUNTED VACANCY SENSOR	
	PHOTO-ELECTRIC SWITCH	
	CEILING MOUNTED OCCUPANCY SENSOR	
	S SINGLE POLE SWITCH	46"
	S ₂ TWO POLE SWITCH	46"
	S ₃ THREE-WAY SWITCH	46"
	S ₄ FOUR WAY SWITCH	46"
	S _D SINGLE POLE DIMMER SWITCH	46"
	S _{OC} WALL MOUNTED OCCUPANCY SENSOR SWITCH	46"
	S _{DD} THREE-WAY DIMMER SWITCH	46"
	S _T THERMAL MOTOR SWITCH, LOCKABLE IN THE "OFF" POSITION - (FBE)	
	S _{WP} THERMAL MOTOR SWITCH, LOCKABLE IN THE "OFF" POSITION, WEATHERPROOF (FBE)	
	S _N NON-THERMAL MOTOR SWITCH, LOCKABLE IN THE "OFF" POSITION, SQUARE D TYPE K OR APPROVED EQUAL	
	S _K KEY OPERATED SWITCH	46"
	S _P SINGLE POLE SWITCH WITH PILOT LIGHT	46"
	S _{WP} SINGLE POLE SWITCH, WEATHERPROOF	46"
	S _{LV} LOW VOLTAGE CONTROL SWITCH	
ABBREVIATIONS		
	AFF ABOVE FINISHED FLOOR	
	AFG ABOVE FINISHED GRADE	
	CLG CEILING MOUNTED	
	EWC ELECTRIC WATER COOLER	
	EWF ELECTRIC WASH FOUNTAIN	
	FBE FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR	
	FBO FURNISHED BY OTHERS, INSTALLED BY ELECTRICAL CONTRACTOR	
	NL NIGHT LIGHT	
	UON UNLESS OTHERWISE NOTED	
	WP WEATHER PROOF, NEMA 3R	
SYMBOLS GENERAL NOTES:		
A.	ALL MOUNTING HEIGHTS GIVEN IN THE LEGEND, SCHEDULES, PLANS, AND DRAWING NOTES ARE TO THE CENTERLINE OF THE DEVICE, UNLESS OTHERWISE NOTED.	
B.	INSTALL ALL SWITCHES AT A CENTERLINE HEIGHT OF 46" A.F.F. UNLESS OTHERWISE NOTED. WHERE SWITCHES OR RECEPTACLES ARE MOUNTED ABOVE CASEWORK OR MILLWORK, LOCATE AT A HEIGHT OF 3'-8" MAX. ABOVE FINISHED FLOOR OR 3" ABOVE BACKPLASH TO CENTERLINE.	
C.	WHERE COVERPLATES CONFLICT WITH CASEWORK OR MILLWORK, SLIGHTLY ADJUST THE MOUNTING HEIGHTS OF THE WIRING DEVICES TO MAKE THE COVERPLATES CLEAR THE COUNTERTOP OR BACKSLASH BY 1".	
D.	ALL SYMBOLS, NOTES, AND ABBREVIATIONS SHOWN ON THE LEGEND ARE NOT NECESSARILY USED IN THIS SET OF CONTRACT DOCUMENTS.	
E.	NUMERICAL SUBSCRIPT ADJACENT TO DEVICE, FIXTURE, EQUIPMENT OR JUNCTION BOX SYMBOL, ON THE DRAWINGS DENOTES THE PANELBOARD CIRCUIT NUMBER TO WHICH DEVICE, FIXTURE, EQUIPMENT OR WIRING IN JUNCTION BOX IS CONNECTED.	

ELECTRICAL LEGEND AND SCHEDULE

MTSU Multiple Building Lighting Retrofit
 Murfreesboro, Tennessee

ICT I.C. THOMASSON ASSOCIATES, INC.
 CONSULTING ENGINEERS
 NASHVILLE, TN. (615) 346-3400

DRAWN BY: Author	JOB No. 180502.11	SCALE 1/8" = 1'-0"
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FILENAME: E001	PLOT DATE	