


January 11, 2021

TO: All Bidders under RFQ No. 20-3003746 - Maloof Lighting
FROM: Department of Purchasing and Contracting, DeKalb County, Georgia

ADDENDUM NO. # 2

Request for Quotation No. 20-3003746 - Maloof Lighting is hereby amended as follows:

1. We have received questions pertaining to this RFQ. The questions and their resulting answer appear below:
 - A. **Question:** Can you confirm the luminaire quantities as well as the lighting specifications for this project?
Answer: Please refer to Attachment A, Scope of Work and Attachment B, Quote Form for the luminaire quantities and lighting specifications.
 - B. **Question:** Can the original drawing PDF (a non-scanned version of the drawings) be provided for more accurate visibility and accurate pricing?
Answer: An improved version of the drawings has been provided. Please refer to the revised drawings, attached hereto.
2. It is the responsibility of each bidder to ensure that he/she is aware of all addenda issued under this RFQ. Please sign and return this addendum. You may contact Lola Awonusi, Procurement Technician, at oawonusi@dekalbcountyga.gov before the bids are due to confirm the number of addenda issued.
3. All other conditions remain in full force and effect.


Omolola Awonusi (Jan 11, 2021 11:40 EST)

Lola Awonusi
Procurement Technician
Department of Purchasing and Contracting


Delois Robinson (Jan 11, 2021 11:41 EST)

ACKNOWLEDGMENT
RFQ No. 20-3003746, Maloof Lighting

Date: _____

The above Addendum #2 is hereby acknowledged:

(NAME OF FIRM)

(Name and Signature)

(Title)

ATTACHMENT F, ELECTRICAL DRAWINGS

ELECTRICAL LEGEND

RACEWAYS	
	RACEWAY CONCEALED IN FLOOR OR UNDERGROUND.
	RACEWAY CONCEALED IN CEILING CAVITY OR WALL.
	RACEWAY HOMERUN TO PANEL, ONE ARROWHEAD PER CIRCUIT.
	RACEWAY TURNED UP.
	RACEWAY TURNED DOWN.
WIRES AND CABLES	
	3 WIRES #12 AWG IN CABLE OR CONDUIT, EXCLUDING GROUNDING CONDUCTOR. NOTE: NUMBER OF CROSS HATCHES INDICATES NUMBER OF #12 AWG CONDUCTORS, LESS GROUNDING CONDUCTOR. SHORT CROSS HATCH = PHASE CONDUCTOR. LONG CROSS HATCH = NEUTRAL. NO CROSS HATCHES INDICATES 2 #12 AWG EXCLUDING GROUNDING CONDUCTOR IN CABLE OR CONDUIT.
LUMINAIRES	
PLA	PEDESTRIAN POLE LUMINAIRE. LETTER INDICATES LUMINAIRE TYPE. SEE SCHEDULE.
OLA	LUMINAIRE. LETTER INDICATES LUMINAIRE TYPE. SEE SCHEDULE.
OLA	SPOTLIGHT LUMINAIRE. LETTER INDICATES LUMINAIRE TYPE. SEE SCHEDULE.
ABBREVIATIONS	
ARCH	ARCHITECT/ARCHITECTURAL
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
EC	EMPTY CONDUIT
EX	EXISTING
G	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OCP	OVERCURRENT PROTECTION
PH OR #	PHASE
PNL	PANEL
REC	RECEPTACLE
REL	RELOCATE
REM	REMOVE
SPEC	SPECIFICATION
UG	UNDERGROUND
WP	WEATHERPROOF

ELECTRICAL SPECIFICATIONS

- A. GENERAL:**
- COMPLY WITH PROVISIONS OF NFPA 70-2017 AND LOCAL CODES. LOCAL CODES AND REGULATIONS SHALL GOVERN IN CASE OF CONFLICT.
 - PROVIDE ACCESS TO EQUIPMENT AND APPARATUS REQUIRING OPERATION, SERVICE OR MAINTENANCE.
 - OPENINGS THROUGH FIRE RATED FLOORS AND PARTITIONS SHALL BE SEALED WITH FIRE RATED SEALANT AFTER INSTALLATION OF RACEWAYS IN A MANNER TO MAINTAIN THE FIRE RATING OF THE SEPARATION.
 - THE EXISTING INSTALLATION SHALL REMAIN EXCEPT WHERE OTHERWISE INDICATED OR SPECIFIED.
 - PERFORM ALL WORK NECESSARY TO INTERCONNECT THE NEW WORK WITH THE EXISTING WORK AND TO ADAPT THE EXISTING WORK TO THE CHANGES IN THE BUILDING AND THE SYSTEM.
 - COORDINATE THE INSTALLATION WITH THE STRUCTURE, ARCHITECTURE, AND WORK OF OTHER TRADES TO ELIMINATE CONFLICTS.
 - ELECTRICAL MATERIALS SHALL BE NEW AND LISTED BY THE UNDERWRITERS' LABORATORIES, INC. WHEREVER STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICE IS REGULARLY FURNISHED BY THIS AGENCY.
 - SHOP DRAWINGS AND CUTS AND/OR DATA TO BE SUBMITTED SHALL INCLUDE THOSE ON THE FOLLOWING ITEMS OF EQUIPMENT OR MATERIALS:
- LIGHTING CONTROLS
LUMINAIRES.
- E. RACEWAYS:**
- CONDUIT SIZES REFER TO THE STANDARD TRADE SIZES, ARE FOR IDENTIFICATION PURPOSES ONLY, AND ARE NOT ACTUAL DIMENSIONS.
 - WIRES SHALL BE INSTALLED IN RACEWAYS UNLESS OTHERWISE SPECIFIED.
 - RACEWAYS SHALL BE RIGID HOT-DIP GALVANIZED RIGID STEEL CONDUIT FOR EXPOSED WORK WHERE REQUIRED BY CODE.
 - CONCEALED RIGID RACEWAYS SHALL BE ELECTRIC METALLIC TUBING.
 - CONNECTORS AND COUPLINGS FOR RIGID CONDUIT SHALL BE THREADED GALVANIZED STEEL. INSULATED BUSHINGS SHALL BE INSTALLED ON RIGID CONDUIT CONNECTORS IN CABINETS, OUTLET BOXES AND PULL BOXES.
 - UNDERGROUND EXTERIOR RACEWAYS SHALL BE RIGID POLYVINYL CHLORIDE, HIGH IMPACT, SCHEDULE 40, UNLESS OTHERWISE INDICATED.
 - WHERE AN UNDERGROUND CONDUIT ENTERS THE BUILDING THROUGH A NONWATERPROOFED WALL OR FLOOR, PROVIDE A SLEEVE MADE OF SCHEDULE 40 GALVANIZED PIPE. THE SPACE BETWEEN THE CONDUIT AND THE SLEEVE SHALL BE FILLED WITH PLASTIC EXPANDABLE COMPOUND OR AN OAKUM AND LEAD JOINT ON EACH SIDE OF THE WALL OR FLOOR.
 - UNDERGROUND CONDUITS SHALL BE BURIED UNDER A MINIMUM 18" OF EARTH.
 - IN GENERAL, THE CONDUIT INSTALLATION SHALL FOLLOW THE LAYOUT INDICATED. THIS LAYOUT IS, HOWEVER, DIAGRAMMATIC ONLY, AND WHERE CHANGES ARE NECESSARY DUE TO STRUCTURAL CONDITIONS, OTHER APPARATUS, OR OTHER CAUSES, SUCH CHANGES SHALL BE MADE WITHOUT ANY ADDITIONAL COST TO THE OWNER. OFFSETS IN CONDUITS ARE NOT INDICATED AND MUST BE FURNISHED AS REQUIRED.
 - 200-POUND-TEST NYLON PULL CORDS SHALL BE INSTALLED IN EMPTY RACEWAYS. AT EACH END, LEAVE 12" OF SLACK COILED IN BOX OR AT END OF RACEWAYS.
- F. WIRING:**
- NO WIRE SHALL BE SMALLER THAN #10 AWG UNLESS OTHERWISE INDICATED.
 - WIRE AND CABLE SHALL BE ANNEALED SOFT DRAWN COPPER AND HAVE A CONDUCTANCE OF 98%.
 - SPICES, TAPS AND TERMINATIONS:
JOINTS IN STRANDED CONDUCTORS SHALL BE SPICED BY MECHANICAL CONNECTORS AND GUM RUBBER TAPE OR FRICTION TAPE. SOLDERLESS MECHANICAL CONNECTORS FOR SPICES AND TAPS PROVIDED WITH UL-APPROVED INSULATING COVERS MAY BE USED INSTEAD OF MECHANICAL CONNECTORS PLUS TAPE.
 - WIRE SHALL BE COLOR-CODED THE ENTIRE LENGTH TO INDICATE THE VARIOUS PHASES AND NEUTRAL.
 - COLOR-CODING FOR THE VARIOUS SYSTEMS SHALL BE AS FOLLOWS:
FOR 208/120 V SYSTEM:
PHASE A - BLACK
PHASE B - RED
PHASE C - BLUE
NEUTRAL - WHITE
GROUND - GREEN
 - INSULATION SHALL BE NEC TYPE THWN/THHN.
- G. EQUIPMENT GROUNDS:**
- EQUIPMENT, ENCLOSURES AND RACEWAYS SHALL BE GROUNDED.
 - A GREEN COLORED GROUNDING CONDUCTOR SHALL BE INSTALLED IN RACEWAYS WITH THE PHASE CONDUCTORS.
 - BOND GROUND CONDUCTORS AT ORIGIN OF CIRCUITS, AT INTERMEDIATE PULL BOXES, AND TO PANELBOARDS OR EQUIPMENT AT TERMINATIONS.
- H. LUMINAIRES:**
- REFER TO LANDSCAPE PLANS FOR EXACT LOCATIONS OF LUMINAIRES.
 - REFER TO LUMINAIRE SCHEDULE FOR PRODUCT INFORMATION.
- I. LIGHTING CONTROLS:**
- LIGHTING CONTACTORS:
 - MECHANICALLY HELD TYPE, 20A, 120V, 60 HZ MAXIMUM RATING, NUMBER OF POLES INDICATED ON THE DRAWINGS, NORMALLY OPEN, NEMA 1 ENCLOSURE WITH HAND-OFF-AUTOMATIC SWITCH MOUNTED ON ENCLOSURE. MECHANICALLY HELD CONTACTORS SHALL HAVE SOLID STATE CONTROL MODULES FOR 2-WIRE OPERATION.
 - MANUFACTURER: ASCO, GE, SIEMENS, OR SQUARE D.
 - ASTRONOMICAL TIME CLOCK:
 - ELECTRONIC 4-CHANNEL TIME SWITCH WITH 7 DAY PROGRAMMING, AUTOMATIC DAYLIGHT SAVINGS AND LEAP YEAR ADJUSTMENTS, HOLIDAY SCHEDULING, ASTRONOMIC CAPABILITY ON ALL CHANNELS, LED DISPLAY, BATTERY POWERED MEMORY, AND MANUAL PERMANENT OVERRIDE SWITCHES. INPUT VOLTAGE SHALL BE 120 V AC. OUTPUTS SHALL BE SINGLE-POLE, DOUBLE-THROW RELAYS WITH 10 A, 120 V AC MAINTAINED CONTACTS. ENCLOSURE SHALL BE LOCKABLE NEMA 1 SURFACE-MOUNTED.
 - MANUFACTURER: INTERMATIC, OR TORX.
 - PHOTOCELL
 - HEAVY DUTY DIE CAST ENCLOSURE, WEATHERPROOF, GASKETED, CONTAINING CADMIUM SULPHIDE HERMETICALLY SEALED CELL. CONTACTS SHALL BE SINGLE-POLE, SINGLE-THROW NORMALLY CLOSED. ON-OFF ADJUSTMENT SHALL BE BY MOVABLE LIGHT LEVEL SELECTOR. UNITS SHALL BE DESIGNED FOR MOUNTING ON THREADED CONDUIT NIPPLE.
 - MANUFACTURER: INTERMATIC, OR TORX.
- J. MISCELLANEOUS:**
- MAINTAIN ON SITE, A COMPREHENSIVE SET OF DRAWINGS WITH AS-BUILT CONDITIONS CLEARLY INDICATED IN RED.
 - VERIFY CODE COMPLIANCE OF EXISTING CONDITIONS. IF ANY OF THE EXISTING ELECTRICAL INSTALLATION TO BE UTILIZED IN TENANT CONSTRUCTION IS FOUND TO BE DEFECTIVE OR IN VIOLATION OF NATIONAL, STATE OR LOCAL CODES, NOTIFY THE ARCHITECT IN WRITING WITHIN 5 WORKING DAYS.
 - WORK SHALL BE NEAT IN APPEARANCE, PLUMB, LEVEL AND TRUE. ANY WORK DEEMED UNSATISFACTORY BY THE ARCHITECT SHALL IMMEDIATELY BE REMOVED AND REPLACED.

NO.	REVISIONS	DATE

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 CONSULTING ENGINEERING GROUP
 Suite 525
 303 Peachtree Center Avenue, NE
 Atlanta, Georgia 30303-1277
 T 404 730-8400
 F 404 730-8401
 CONTACT: Richard Dozier
 N&B PROJECT: 19N231

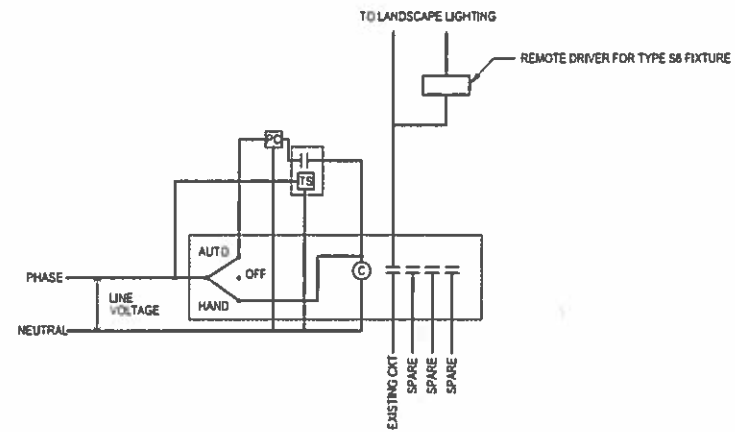
DeKalb County
 Manuel Micoof Building
 Drive Landscape Improvements
 ELECTRICAL
 LEGEND AND
 SPECIFICATIONS

THIS DRAWING WAS PREPARED SITE SPECIFIC FOR THE ABOVE-NAMED PROJECT AND IS NOT, WITHOUT THE EXPRESS WRITTEN CONSENT OF NEWCOMB & BOYD, INTENDED FOR USE ON ADDITIONS TO THIS PROJECT, FOR COMPLETION OF THIS PROJECT BY OTHERS, OR FOR USE ON OTHER PROJECTS.

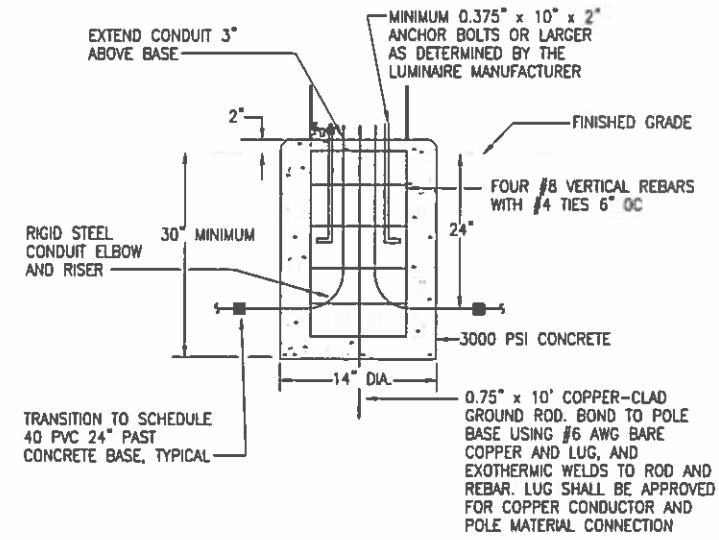


PROJECT NO.	19N231
DATE	08/04/2019
SCALE	NONE
DRAWING NO.	

E100
OF



1 PHOTOCELL LIGHTING CONTROL SCHEMATIC
E-102 NO SCALE



NOTES:
1. FOR TYPE P1 AND P2 LUMINAIRES.

2 LUMINAIRE BASES
E-102 NTS

LUMINAIRE SCHEDULE						
TYPE	MANUFACTURER	CATALOG SERIES	LAMP QUANTITY & TYPE	VOLTAGE/ DESIGN WATTAGE	MOUNTING METHOD	DESCRIPTION
P1	LITHOMA OR APPROVED EQUAL	RADPT	LED-5000L-3500K MINIMUM 80 CRI L90 @ 50,000 HRS	120/ 38	POLE, 10'	POST TOP LUMINAIRE WITH TYPE V OPTICAL DISTRIBUTION. PROVIDE WITH POLE 4" DIAMETER 10' ROUND STRAIGHT POLE. UL LISTED FOR WET LOCATIONS. FINISH SHALL BE PER ARCHITECT.
P2	GARDCO OR APPROVED EQUAL	PBL	LED-800L-3500K MINIMUM 80 CRI L70 @ 100,000 HRS	120/ 24	POLE, 3'	LED BOLLARD FIXTURE WITH TYPE V OPTICAL DISTRIBUTION. PROVIDE WITH STANDARD 36" SHAFT MOUNTING. UL LISTED FOR WET LOCATIONS. FINISH SHALL BE PER ARCHITECT.
S1	ECOSENSE OR APPROVED EQUAL	FD80	LED-300L-3500K MINIMUM 80 CRI L70 @ 60,000 HRS	120/ 4	MOUNTED, GROUND	ADJUSTABLE GROUND MOUNTED LANDSCAPE FLOODLIGHT. PROVIDE WITH 30x60 DEGREE ELLIPTICAL OPTICAL SPREAD AND HALF SHOOT. PROVIDE WITH GROUNDSTAKE AND REQUIRED WIRING FOR GROUND MOUNTING. UL LISTED FOR WET LOCATIONS. FINISH SHALL BE PER ARCHITECT. LUMINAIRE SHALL BE FIELD ADJUSTED TO ILLUMINATE LANDSCAPE. INSTALL SPACED 15' APART OVER CENTER.
S2						SAME AS TYPE S1 EXCEPT 15 DEGREE OPTICAL SPREAD. LUMINAIRE SHALL BE FIELD ADJUSTED TO ILLUMINATE FLAGPOLE.
S3						SAME AS TYPE S1 EXCEPT 60x30 DEGREE OPTICAL SPREAD. LUMINAIRE SHALL BE FIELD ADJUSTED TO ILLUMINATE SIGNAGE.
S4						SAME AS TYPE S1 EXCEPT 40 DEGREE OPTICAL SPREAD. LUMINAIRE SHALL BE FIELD ADJUSTED TO ILLUMINATE TREE.
S5						SAME AS TYPE S1 EXCEPT INSTALL SPACED 10' APART OVER CENTER. LUMINAIRE SHALL BE FIELD ADJUSTED TO ILLUMINATE LANDSCAPE.
S6	BEGA OR APPROVED EQUAL	77019	LED-350L-3500K MINIMUM 80 CRI L70 @ 50,000 HRS	24V DC/ 3W	RECESSED, IN-GRADE	IN-GRADE LUMINAIRE WITH STAINLESS STEEL HOUSING AND TEMPERED CLEAR SAFETY GLASS AND DIRECTIONAL UPLIGHTING OPTICAL DISTRIBUTION. PROVIDE WITH REMOTE POWER SUPPLY. UL LISTED FOR WET LOCATIONS. FINISH SHALL BE PER ARCHITECT. LUMINAIRE SHALL BE AIMED TO ILLUMINATE LANDSCAPE.

LIGHTING CONTACTOR 'LC-1' SCHEDULE				
RELAY	POWER CIRCUIT	LOAD (WATTS)	DESCRIPTION	CONTROL NOTES
1	EXISTING	665	EXTERIOR LIGHTING	1
2	--	--	SPARE	
3	--	--	SPARE	
4	--	--	SPARE	

GENERAL NOTES:
1. RELAY SHALL BE CONTROLLED BY EXTERIOR PHOTOCELL LOCATED ON NORTH WALL OF ANNEX BUILDING WITH ASTRONOMICAL CLOCK OVERRIDE ADJACENT TO LIGHTING CONTACTOR.

DATE	
REVISIONS	
NO.	

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CONSULTING ENGINEERING GROUP
Suite 525
303 Peachtree Center Avenue, NE
Atlanta, Georgia 30303-1277
T 404 730-8400
F 404 730-8401
CONTACT: Richard Dozier
N&B PROJECT: 19N231

DeKalb County
Manuel Maloof Building
Drive Landscape Improvements

ELECTRICAL DETAILS

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SEAL

 Richard Dozier
Professional Engineer
State of Georgia

PROJECT NO. 19N231
DATE 09/04/2019
SCALE NONE
DRAWING NO. E102 OF

Addendum No. 2, 20-3003746 - Maloof Lighting

Final Audit Report

2021-01-11

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