

ADDENDUM NO. 3

Date: March 25, 2019

for

**Building B200-Chemistry Classroom Project
Irvine Valley College - BID No. 343**

South Orange County Community College District

General-All project documents including contract documents, drawings, and specifications, shall remain unchanged with the exception of those elements added, revised, deleted, or clarified by this addendum.

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ADDENDUM ITEMS

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3-1 Owner Clarifications

- 3.1.1 Owner Clarification 1: Sheet E401 is attached herein to afford legibility / readability.
- 3.1.2 Owner Clarification 2: Bid Deadline is revised to 2:00 P.M., March 28, 2019.

3-2 Revised Bid Documents

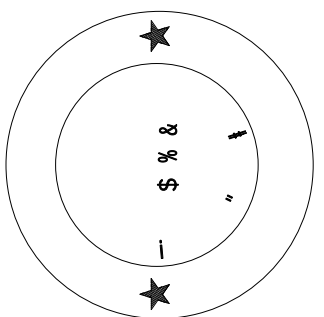
- 3.2.1 The initial bid documents included Notice Calling For Bids

Revise From:

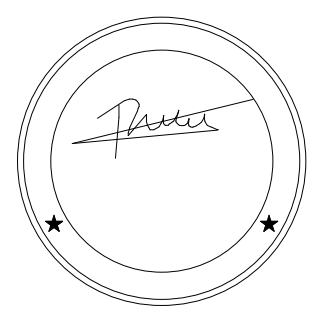
Bid Deadline: 2:00 P.M., March 27, 2019

To:

Bid Deadline: 2:00 P.M., March 28, 2019



11870 Pierce Street, Suite 160
Riverside, California 92505
951.299.4160 www.tklsc.com
Project leader: J. Hill, owner
Electrical lead: J. Hill, owner
1.5c.06.78.2018R0186



GENERAL LIGHTING FIXTURE SCHEDULE NOTES:

- A. LIGHTING FIXTURE AND BALLAST SUBSTITUTIONS SHALL BE PRESENTED AT LEAST TEN (10) WORKING DAYS PRIOR TO BID TIME. THE SUBMITTAL MATERIAL SHALL INCLUDE THE FOLLOWING ITEMS:
- A COMPLETE AND OPERATING SAMPLE, WIRED FOR 120V OPERATION, WITH LAMP, COORD AND PLUG.
 - A COMPLETE PHOTOGRAPHIC REPORT, FOR THE PROPOSED SUBSTITUTE PRODUCT, USING THE SPECIFIED LAMP TYPE AND MOUNTAGE, INCLUDING TABULATED CANDLEPOWER VALUES, COEFFICIENT OF UTILIZATION, AND AN IESNA FOOT-CANDLE DIAGRAM. PROPOSED DATA WILL NOT BE ACCEPTABLE. THE PHOTOGRAPHIC REPORT MUST BE DONE IN ACCORDANCE WITH PUBLISHED I.E.S. TESTING PROCEDURES AND CERTIFIED BY A REGISTERED ELECTRICAL ENGINEER.
 - A CURRENT ORIGINAL CATALOG DATA SHEET WITH LIGHTING FIXTURE CATALOG NUMBERS. MODIFIED DATA SHEETS WILL NOT BE ACCEPTABLE.
- B. FIXTURE FINISHES AND COLORS, UNLESS NOTED AS CUSTOM, SHALL BE SELECTED FROM THE FULL RANGE OF MANUFACTURER'S STANDARD COLOR OPTIONS, AS SELECTED BY THE ARCHITECT. THIS DIRECTION WILL BE PROVIDED IN THE SHOP DRAWING REVIEW PROCESS. ALL FIXTURES INDICATED WITH A CUSTOM COLOR SHALL BE PROVIDED WITH A CUSTOM COLOR PAINT PER THE ARCHITECTURAL REVIEW COMMENTS OF THE SUBMITTED SHOP DRAWINGS.
- C. LIGHT FIXTURES INDICATED AS EMERGENCY SHALL BE IDENTIFIED / PROVIDED AS FOLLOWS:
- INTEGRAL BATTERY PACK (EB):
 - 3A/3EB - FIXTURE CONNECTED TO CIRCUIT "3", CONTROL SWITCHED "0" - WITH THE BATTERY CHARGING LEAD CONNECTED TO A CONSTANT HOT CIRCUIT "3".
 - 3N/3EB - FIXTURE CONNECTED TO A CONSTANT HOT CIRCUIT "3". BATTERY CHARGING LEAD CONNECTED TO A CONSTANT HOT CIRCUIT "3".
 - REMOTE BACK-UP SOURCE (EM):
 - 3A/3EM - ROUTED THROUGH A UL LISTED TRANSFER RELAY (LC & D #0R-2001C/S) FOR SWITCHED CONTROLS OR A UL LISTED TRANSFER SWITCH (BOONE #015 SERIES DEVICE) FOR DIMMING CONTROLS, CONNECTED TO A CONSTANT HOT EMERGENCY CIRCUIT "3". SEE DISTRIBUTED LIGHTING CONTROL SPECIFICATIONS FOR DEVICE REQUIREMENTS WHEN CONTROLLED BY OCCUPANCY SENSORS.
 - 3N/3EM - FIXTURE CONNECTED TO A CONSTANT HOT EMERGENCY CIRCUIT "3".
 - REMOTE BACK-UP SOURCE (EM) NOTES:
 - ALL REMOTE BACK-UP SOURCE (EM) FIXTURES SHALL BE PROVIDED WITH AN IN LINE FUSE. PROVIDE ADDITIONAL LABELING TO INDICATE FIXTURE IS PROTECTED BY A FUSE.
 - EMERGENCY BATTERY PACKS SHALL BE PROVIDED AS FOLLOWS:
 - LED LAMPS:
 - BOONE #B5L23/#B5L722 SERIES
 - TO MAINTAIN UL LISTING OF LED FIXTURE, FIXTURE MANUFACTURER(S) SHALL INSTALL LED EMERGENCY BALLASTS AT THE FACTORY AND OBTAIN A UL LISTING OF THE FIXTURE WITH EMERGENCY BALLAST. FIELD INSTALLATION OF LED EMERGENCY BALLAST(S) IS PROHIBITED. SHOULD THE SPECIFIED LED EMERGENCY BALLAST(S) NOT FIT WITHIN A GIVEN FIXTURE(S), INCLUDE COSTS IN BIDS TO LOCATE/CONNECT SELF-SYNCHRONIZING MINI INVERTER(S) (LITA #LS SERIES OR BOONE # EU-777-SD) REMOTELY FROM THE FIXTURE(S) IN THE NEAREST ELECTRICAL ROOM.
 - EMERGENCY BATTERY PACK NOTES:
 - PROVIDE INTEGRAL TEST SWITCH OPTION FOR ALL EMERGENCY BALLASTS INSTALLED IN LIGHT FIXTURES.
 - CONTRACTOR TO VERIFY WITH FIXTURE MANUFACTURER(S) PRIOR TO BID THAT EMERGENCY BALLASTS ARE INTEGRAL TO FIXTURE HOUSINGS. SHOULD A BALLAST(S) NOT FIT WITHIN A GIVEN FIXTURE(S), CONTRACTOR SHALL INCLUDE ALL COSTS TO LOCATE EMERGENCY BALLAST(S) REMOTELY FROM THE FIXTURE ABOVE THE NEAREST ACCESSIBLE CEILING.
 - PROVIDE "DL" OPTION IN ALL DAMP LABEL INSTALLATIONS.
 - EMERGENCY BALLASTS SHALL PROVIDE NOT LESS THAN 90 MINUTES OF FIXTURE OPERATION.
 - RECESSED DOWNLIGHTS SUPPLIED WITH A BATTERY PACK SHALL BE PROVIDED WITH AN INTEGRAL COMBINATION TEST SWITCH / CHARGING INDICATOR LIGHT - MOUNTED INSIDE THE REFLECTOR. REMOTE TEST SWITCH / CHARGING LIGHTS ARE NOT ALLOWED. THE TEST SWITCH / CHARGING INDICATOR LIGHT SHALL BE SECURELY ATTACHED TO THE REFLECTOR WITH "18" OF SLACK LEADS FOR EASY REMOVAL OF THE REFLECTOR ASSEMBLY.
 - BATTERY PACKS ALL SHALL BE PROVIDED WITH A COMBINATION TEST SWITCH / CHARGE LIGHT.
 - PROVIDE LAMPING PER LAMP SCHEDULE.
 - SOCKETS SHALL BE GENERAL ELECTRIC, BRYANT, OR EQUAL, WHITE, TWIST-TURN CONTACT TYPE. PUSH CONTACT TYPE SOCKETS WILL NOT BE ALLOWED.
 - LIGHTING FIXTURES SHALL BE MOUNTED AND INDIVIDUALLY SUPPORTED IN ACCORDANCE WITH APPLICABLE INDUSTRY AND SAFETY STANDARDS AND ALL NATIONAL AND LOCAL ELECTRICAL AND SEISMIC CODES. FIXTURES SHALL BE FURNISHED AND INSTALLED WITH REQUIRED MOUNTING DEVICES, HARDWARE AND ACCESSORIES.
 - LOCATIONS OF FIXTURES SHALL BE PER THE ARCHITECTURAL REFLECTED CEILING PLAN AND SHALL BE COORDINATED AT TIME OF ROUGH IN.

LIGHTING FIXTURE SCHEDULE			
SYMBOL	TYPE	MANUFACTURER AND MODEL NUMBER	GENERAL DESCRIPTION
⬄	1	CORONET LSR4 SERIES LSR4 LED-4-L103-4000K-UNV-NT-FM-08 EQUAL BY:	LINEAR 'A', RECESSED LED WITH REGRESSED LENS, UNIVERSAL 0-10V DIMMING, 3600 LUMEN PER '6' SECTION, PROVIDE WITH 90 MINUTE BATTERY BACKUP WHERE INDICATED ON PLANS.
⬄	2	CORONET LSR4 SERIES LSR4 LED RG-6-0-40-L103-UNV-08-W-227V EQUAL BY:	LINEAR 'B', RECESSED LED WITH REGRESSED LENS, UNIVERSAL 0-10V DIMMING, 3100 LUMEN PER '6' SECTION, PROVIDE WITH 90 MINUTE BATTERY BACKUP WHERE INDICATED ON PLANS.
⊙	3	PORTFOLIO #L348-30-010-EM8-3050-80-30-6E8-W-1-1-1 EQUAL BY:	RECESSED '6" LED WIDE BEAM DOWNLIGHT WITH 3000 LUMEN PACKAGE, 0-10V INTEGRAL DIMMING DRIVER.
⊙	4	PHILIPS LIGHTOLIER 08 020HAM CX-8-1 EQUAL BY: MC PHILBEN, LITHONIA OR PHILIPS CHLORIDE	DIE-CAST ALUMINUM EXIT SIGN WITH 'HINGED' AND 'LATCHED' BRUSHED ALUMINUM STENCIL FACERATE AND BLACK HOUSING, GREEN LETTERING, SINGLE OR DOUBLE FACE, 90 MINUTE BATTERY, UNIVERSAL MOUNTING.

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