

**CML #18-011 Main Lighting Controls Improvements and Fixture Upgrades
Question and Request Clarifications**

1. On the bid price submission form you indicate that Phase II & III are separate base bids. Can these be awarded separately to different bidders?
A. Yes
2. Can the alternates be awarded to either of the base bid contractors if the base bids are awarded separately?
A. Awarded to the base bid contractor as applicable to the alternate.
3. You indicate under the scope of work that the project entails lighting fixtures & controls, but, on the drawings there are many items (receptacles, fire alarm devices) shown in heavy script lineage. Are these to be included in the bid?
A. Yes, as prescribed in the drawings in Revision 60 and Revision 61 areas.
4. On sheet EP1.10B there are numerous items that are normally the symbol for a wall mounted fixture (see rooms B060B, B066, etc.). What do these represent?
A. I don't know what the symbol is for, but there is no scope of work in the areas in question. Scope of work is limited to the Revision 61 areas, which are clouded.
5. Sheet EP1.10B. Do all the notes apply or only the ones encircled with the Revision 61 symbol?
A. The notes apply to the scope of work in the Revision 61 areas as highlighted in the drawings. The other notes are included as reference to previous work and are to be followed for consistency, as applicable, to the Revision 60 and Revision 61 work.
6. Assuming the coded notes 14-17 (Rev 61) are phase 3 bid items are the notes 1-13 phase 2 bid items? There are also numerous symbols without coded notes. Where are these to be priced?
A. Revision 60 is Phase II. Revision 61 is Phase III. Pricing is to be provided for the applicable scope of work.
7. Sheet EL1.13C. There are numerous lighting fixtures designated types A,B,R,HX1. Sheet EL1.13B fixtures designated CC,A,B,W.U1. These fixture types, if part of the bid are not designated on the fixture schedule on sheet E0.17.
A. These are existing fixtures to remain, unless otherwise noted for replacement in the scope of Revision 60 or Revision 61 and alternates.
8. Sheet EL1.13C. the large area encircled at the bottom of the lighting has a note that it is alternate #6 and to see sheet AE1.43B. There is no alternate #6 described on the Bid Submission Form nor is sheet AE1.43B part of the bid package.
A. The notes apply to the scope of work in the Revision 60 areas as highlighted in the drawings. The other notes are included as reference to previous work and are to be followed for consistency, as applicable, to the Revision 60 and Revision 61 work. Alternate #6 is from previous work.
9. Sheet EL1.13B note 24 indicates a type RX2 fixture is to be provided by the owner. What is the description of this fixture so we can properly choose a labor unit for installation.

A. **Manufacture: PATHWAY; Module and Light Engine Model: RM8LCDB79V35KW50; Trim Reflector Assembly Model: RM8PLEDHAZPF; Remote Central Driver Model: LCDDL8V4-4.**

10. The above list describes just a small list of questions that must be answered once the drawings indicate what is part of each base bid and alternate item and what all is included in the project. Please define, on the drawings what is part of each bid and alternate item so we can properly prepare a quotation for this project.

A. **The scope of work is defined by Revision 60 is Phase II, Revision 61 is Phase III. Alternates as noted in each.**

11. Sheet EL1.13C Note 10 indicates occupancy sensors to be used to control lighting in room on left side of page. No occupancy sensors are shown.

A. **Add two occupancy sensors in the space, one to the east and west ends, and a power pack unit in the branch circuit.**

12. Sheet EL1.11A The 2 type A1 fixtures listed to be provided under Alternate #1 are not scheduled.

A. **The reference to Alternate #1 in the upper left corner of the sheet is from a past project, and is not in this scope of work.**

13. Sheet EL1.10B note 5. Fixture type CX2 is not listed on the fixture schedule.

A. **Specifications shown on E0.17 for Phase III**

CX2	12" ROUND X 3.75" DEEP, CEILING MOUNT ROUND DIRECT LED SHALLOW CYLINDER. 1500 LUMEN. 3500K COLOR TEMPERATURE. 0-10V 10% DIMMING DRIVER. SEMI DIFFUSE LOW IRIDESCENT CLEAR TRIM. MICRO PRISM SOLITE LENS. SURFACE MOUNT. MATTE WHITE FINISH. (BASIS OF DESIGN - SPECTRUM LTG INC. : C1203GV-15L35K-DS10X-TSGSO-SM-MW)	120-277
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14. Sheet EL1.10B notes 6 &19. Fixture type RX3 is not listed on the fixture schedule.

A. **Specifications shown on E0.17 for Phase III**

RX3	2' X 4' X 3-3/4" RECESSED LED TROFFER. 5098 LUMEN. 3500K COLOR TEMPERATURE. 0-10V 10% DIMMING DRIVER . NANO PRISM LENS SHIELDING. (BASIS OF DESIGN - CORELITE : R3-WN-3L35-LD5-UNV-24-T1-STD)	120-277
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15. Sheet EL1.10B note 8. Fixture type RX4 is not listed on the fixture schedule.

A. **Specifications shown on E0.17 for Phase III**

RX4	6" DIAMETER RECESSED LED RETROFIT DOWNLIGHT. 1500 LUMEN. 0-10V 1% DIMMING DRIVER. 3500K COLOR TEMPERATURE. 80 CRI. WIDE DISTRIBUTION. WHITE PAINTED SELF-FLANGED. SEMI-SPECULAR CLEAR FINISH. C-CHANNEL BAR HANGER 26" LONG, PAIR. (BASIS OF DESIGN - PORTFOLIO : LDRT6B15D010/ EU6B10208035/ 6LBW2H/ HB26)	120-277
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16. Sheet EL1.10B note 16. Fixture type CX5 is not listed on the fixture schedule.

A. **Specifications shown on E0.17 for Phase III**

CX5	4" DIAMETER X 3.7" DEEP SURFACE MOUNT LED ROUND FIXTURE. FROSTED LENS. 7000 LUMEN DIRECT DISTRIBUTION. SUBTLE GLOW INDIRECT DISTRIBUTION. 3500K COLOR TEMPERATURE. SINGLE CIRCUIT. 0-10V 1% DIMMING DRIVER. MATTE SATIN WHITE HOUSING FINISH. (BASIS OF DESIGN - FOCAL POINT : FSDEP-4-FL-7000DN-SG-35K-1C-UNV-L11-SM-WH)	120-277
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17. Sheet EL1.10B note 21. Fixture type WX6 is not listed on the fixture schedule.

A. **Specifications shown on E0.17 for Phase III**

WX6	5.25" WIDE X 3" TALL X 8' LONG, WALL MOUNT INDIRECT LUMINOUS LEDGE LED. HIGH LUMEN OUTPUT (893 LM/FT). 3500K COLOR TEMPERATURE. NARROW DISTRIBUTION. MATTE WHITE POWDER COAT FINISH. 0-10V 1% DIMMING DRIVER. PROVIDE W/ PLASTIC DUST COVER OPTION. (BASIS OF DESIGN - BIRCHWOOD : NAT-LED-HLO-35-10-8-MW-277-D1-PDC)	277
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18. Sheets E0.08, E0.09, E0.17. All panels on sheet E0.09, except KP are marked as existing. Are we to assume all the other panels not marked as such are new including those panels marked as located in integrated gear?

A. Add Relay Control Panels as shown. All Electrical Panels are existing.