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PROJECT: KENTFIELD – PERFORMING ARTS LIGHTING PROJECT #16-0225

ADDENDUM #2

Marin Community College District

March 24, 2016

REVISIONS/CLARIFICATIONS

None

BID QUESTIONS

BQ#2 Will outlets on the distribution equipment be renumbered sequentially, or the existing numbering sequence retained?

Answer: Number sequentially, disregard existing number sequence.

BQ#3 Control Network Devices CER9,10,11,12,13,14,16 & 17 are noted as being located in existing floor boxes along with new stage pin outlets, (Ckts 79 thru 86), on Dwgs PL-502, PL-112 & E-112, but there is no detail of the new combined line and low voltage floor pocket insert plates on Dwg 601. Please provide a sketch of the required layout of these new insert plates based on the dimensions of the two types of existing floor pocket insert plates. The specified manufacturer, ETC, has interpreted these CER floor pocket control devices as requiring new FSR brand PL-600P floor boxes to be added and installed into the existing stage floor similar to the FSR floor box Type "FB" center audience floor box. Is this an acceptable option for these CER devices?

Answer: The network taps should be located inside existing floor boxes, adjacent the new stage pin outlets. Provide voltage barrier as part of the custom fabricated plates. Exact dimensions should be field-measured by awarded contractor. We would like to avoid new floorboxes.

BQ#4 Is it acceptable to install the outlet box to the side of existing outlet boxes with conduits entering and exiting the existing outlet boxes?

Answer: This is acceptable where necessary, but would like to re-use existing backboxes if possible.

BQ#5 The Rack Panel "A" on Dwg PL-601 Detail 3 is not existing, as drawn. Please confirm a new rack panel is to be provided and the retained devices are to be mounted in a new rack panel.

Answer: Confirmed. Provide new rack panel and retain existing devices as noted.

BQ#6 Where is the existing toggle switch used to control the projection screen in the booth, incorporated into a portable controller being abandoned, to be relocated? What is an acceptable enclosure for the relocated toggle switch?

Answer: See sheet PL-100 (demo plan) for approximate location. Provide new toggle switch on wall in 1-gang box, with “projection screen” label. Connect to existing wiring in booth junction box.

BQ#7 The new replacement fixed lighting batten above the orchestra pit will need to be 6 to 18 inches further downstage from the existing location, as the beams specified to be used to support the batten do not extend to the existing location. Is this acceptable? (The current method used to support the pipe cannot be used to install a structurally engineered pipe.)

Answer: This is acceptable.

BQ#8 New penetrations in the wood slat ceiling will be needed for the new fixed lighting batten pipe. Is this acceptable?

Answer: This is acceptable.

BQ#9 The support method for the new fixed lighting batten will need to be rigid with seismic supports, not wire rope as show in Dwg PL-7-1 Detail 5 and specified in Section 116183.2.17, per discussions with our structural engineer. Is this acceptable?

Answer: This is acceptable.

BQ#10 The new fixed lighting batten will be 42' long. It will not be the same length as the current pipe, as there is nothing in the ceiling beyond approximately 20 feet from the center of the stage to which the new engineered fixed lighting batten can be attached. (Again the existing attachment method cannot be used for an engineered fixed lighting pipe.)

Answer: This is acceptable.

BQ#11 The ETC LED Source Four ellipsoidal fixtures proposed to be used to replace the existing pit downlights, (ColorSource Spots or Source 4WRD LED lamp replacements in Source Four fixture bodies), have fixed power cords and not PowerCon pass through power connectors. Either twofers and extension cords will need to be needed to power the replacement pit downlights, or the electrical distribution will need to be redesigned to provide an outlet at each of the existing 24 pit downlight fixture locations. Which method will be used to power the replacement pit downlight fixtures?

Answer: Provide LEX E-String 20A multi-receptacle extension cords in quantities necessary to support all fixtures. Owner-furnished fixtures will be provided with Edison connectors. Provide DMX daisy-chain cabling as needed to support all fixtures.

BQ#12 Section 116183.1.13.B.6 Requires “four cable mount lighting fixture power connectors of each type in the inventory”. There are not fixtures included in the specification. Are these connectors for the Colleges’ existing fixtures inventory? If so, how many types and what types of cable mount connectors are to be provided?

Answer: Provide (4) stage pin cable mount connectors, and (4) 15A Edison cable mount connectors.

BQ#13 Only the CER rack is included in the specifications, but an SR rack (empty for future AV equipment) is shown on Dwg PL-604 Detail 1. Please provide a specification for this SR rack. Including what components are to be installed in it in this phase of the work and if blank plates are to be provided to cover the opening. The drawings in bid documents shows it open with only a blank plate in the center of the rack.

Answer: Provide Middle Atlantic SR rack at location shown in the drawings, with the following specifications:

Provide Middle Atlantic model #SR-46-28.

- 500 lb. weight capacity.
- All structural elements shall be finished in black powder coat.
- Rack shall be UL Listed.

Provide the following options:

- Solid Front Door, model #FD-xx.
- Lacer strip, heavily perforated, 77" long, model # LACE. Two per rack.
- Magnetic Work Light, model #WL-60. One per rack.

Provide the following for power management:

- Vertical Power Distribution, model #PD-2415SC-NS. One per rack.
- Horizontal Power Distribution, model # PD-2015R-NS. One per rack.

BQ#14 The specified manufacturer, ETC, is providing new grid iron junction boxes to provide a complete working warranted distribution system for the connector strips. We will be replacing the existing grid iron junction boxes, not leaving the existing 30+ year old grid iron junction boxes, per Note #3 on Dwg E-114.

Answer: This is acceptable.

BQ#15 2.16 Multi-cable Extension Drops:

Is the quantity of multi extension cables and break-outs for the Dead Hung Batten (2) two?

Answer: Correct.

BQ#16 2.16 Multi-cable Extension Drops:

Is the multi-cable extension length just to be sufficient to reach and be tied off to the Dead Hung Batten directly below PLP S-34 & S-35?

Answer: Correct.

BQ#17 2.16 Multi-cable Extension Drops:

Are the new multi-cables lengths for the new connector strips just to be sufficient to allow the pipes to lower to their existing lower limits?

Answer: Correct.

BQ#18 Detail 6/PL602-Multi-Cable Fan Out

This detail seems to indicate the last two leads are the same length, but we understand the intent is to have 18" batten lay lengths. Please confirm the following Fan Out lengths are correct: A = 4.5', B=6', C= 7.5', D= 9', E=10.5' F=12'

Answer: Your interpretation is correct.

BQ#19 Pit Downlight Detail

Local steel fabricators have indicated that the quantity of the custom built steel brackets for the pit downlights called for in Detail 8 is too small and they would have to include an "overage" cost to outsource out of the area to a company who has the machinery to make the required bends. Is it acceptable to provide a mounting assembly using Unistrut? This will also allow adjustability in setting the fixture height.

Answer: This is acceptable.