

ADDENDUM #3
for
BID – PCCA Exhibit Hall & Exterior Door Replacements
(2/22/2022)

Clarifications:

- 1) Bids will be received at the 12th and Arch entrance on March 1st, by 4pm, East side (across from Reading Terminal Market). There will be a bid box next to security to place them in. Bid results will be emailed out to all those that bid the following day.
- 2) The below questions are repeated from Addendum 1. Contractor comments to original addendum 1 answers were added in **Blue**. Architect/PCCA responses were added in **Green**. (Original questions and answers in black and red font did not change.)

Questions: (Clarifications of Addendum 1 Answers in Green)

- 1) Which of the following options of the 98/99 Von Duprin exit device are required?: No suffix: rim devices, 27: surface-mounted vertical rod, 47: concealed vertical rod (5/8" bottom bolt), 48: concealed vertical rod (1-1/2" bottom bolt), 49: concealed vertical cable, 52: 1-point concealed vertical cable, 57: 3-point latching, 75: mortise lock devices (See Specification – Division 08, Section 3.8, Door Hardware Schedule, Reading Terminal Trainshed Fire Stair Exit Doors, Page 087111-22. Hardware sets G, H, I & J specifies 89/99 Von Duprin exit devices.)
Answer: Von Duprin 98/99 57 (9827/9927EO) exit device with 3-point latching.
Contractor Comment: The VD 98/9927 & VD 98/9957 are surface vertical rod exit devices. Existing devices at PCCA are mostly Concealed Vertical Rod Devices. Surface mount devices does not make sense.
RESPONSE: THE DOORS AT THE CONVENTION CENTER EXHIBIT HALL SHALL HAVE CONCEALED HARDWARE EITHER MODEL 98/99 48, CONCEALED OR 98/99 57, CABLE (CONCEALED). THE DOORS AT THE TRAINSHED SHALL HAVE THE EXPOSED 98/99 75 3 POINT LATCHING AS WE ARE LOOKING FOR EXTRA SECURITY AT THESE DOORS THAT PROVIDE EXITING FROM FIRE STAIRS.
- 2) Please specify which model number Rockwood Cylinder Pull Plate is required. (See Specification – Division Section 3.8 Door Hardware Schedule, Reading Terminal Trainshed Fire Stair Exit Doors Page 087111-22. Hardware sets G, H, I & J specifies 1 Rockwood Cylinder Pull Plate with Schlage cylinder on active leaf. **Answer: Rockwood 90 US32D to match other Rockwood pull plates at the Center. Contractor Comment: These Pulls are small & do not think these match any other doors.**
RESPONSE: THE ROCKWOOD 90 IS THE 90 PULL THAT THE CONVENTION CENTER WISHES TO HAVE THE CONTRACTOR PROVIDE AND INSTALL.
- 3) Are Door Types, 001, 002, 003, 004, 005, 006, 007, 008 & 009 required to have Ballistic Glazing UL3 rating? Are the door leaves required to have the same ballistic rating? If not ballistic rated, please provide an updated glass specification. (See sheet A-

202, details 3-6, 11-13. Door details show laminated ballistic glazing UL3.) **Answer: No doors are required to have ballistic glazing. The specifications included Section 088000 for the type of glazing to be installed in the doors.**

- 4) Is this custom glazing bead profile at solid panel locations required for both interior and exterior sides of doors 001, 002, 003, 004, 005, 006, 007, 008 & 009 doors? (See Sheet A202, Detail 14 and 15. Typical panel profile.) **Answer: Yes, the custom bead profile shall be used on both sides of the door.**
- 5) Is this custom glazing bead profile required at the glass locations too or will the standard profile shown be acceptable? (See Sheet A-202, Detail 14 and 15. Typical panel profile.) **Answer: Yes, the same profile shall be used at all locations; both glazing and solid panel openings.**
- 6) Please confirm if electric hardware preps in HM Frames & Doors should be done by the Frame and Door Manufacturer with Steel Conduit inside frames (by the Manufacturer) for Electrical connections by Electrical Contractor above the head of the new Frames. **Answer: The Contractor has the option to have the manufacturer install hard conduit or for the hardware to be installed in the field. Contractor Comment: Did not answer the question about Electric Preps in the Frames or Doors but there isn't any actual Hardware Sets provided.**
RESPONSE: THE HARDWARE SETS WERE INCLUDED IN THE SPECIFICATIONS. A REVISED HARDWARE SCHEDULE WAS ISSUED AS PART OF THE ADDENDUM AND IS ATTACHED AGAIN. DOORS ARE TO BE PREPPED FOR NEW DOOR SECURITY TO BE INSTALLED BY THE CONTRACTOR SCHNEIDER ELECTRIC WHO WILL BE WORKING DIRECT FOR THE CONVENTION CENTER. THIS APPLIES ONLY TO THE EXTERIOR DOORS THAT GET SECURITY HARDWARE AND THAT ARE CONNECTED BACK TO THE EXISTING SCHNEIDER ELECTRIC SECURITY SYSTEM.
- 7) Please confirm new HM Frames should be welded in the field after installation of the new frame due to the location and abuse that the openings will incur. **Answer: The new HM door frames require welding if required by the Manufacturer to meet the fire rating of the door opening. Contractor Comment: Did not answer the critical question that the Openings are in abusive areas and the frames should be welded after the install.**
RESPONSE: ALL NEW HM FRAMES SHALL BE WELDED IN THE FIELD AFTER INSTALLATION. THE CONTRACTOR WILL NEED TO FOLLOW ALL PCC PROCEDURES REGARDING HOT WORK.
- 8) For the base bid doors, the specs call for 5-3/4" frames, while the existing HM Frames are 11- 3/4". Please advise. **Answer: The new frames should always match the dimensions and profiles of the existing and therefore should be 11 3/4" thick. Contractor Comment: NOTE: HM Frames for this type of jobs should be 14 Ga. but 16 Ga. is specified.**
RESPONSE: ALL NEW HM FRAMES TO BE 14 GA
- 9) Spec 81113 3.2 calls for both solidly pack mineral-fiber insulation inside frames and the masonry frames to be grouted. Is the mineral-fiber just for interior, non-masonry frames? **Answer: All doors installed in masonry openings shall be grouted with spray foam**

insulation used to fill voidsbetween the frame and masonry as required. Mineral fiber is only to be used if the wall construction is metal studs and drywall. The installation would need to be completed so it does not void the rating of the frame or the manufacturer's warranty. **Contractor Comment: Not a proper answer for this type of project - we have never sprayed foam insulation in Commercial Frames (foam insulation sounds like a residential type solution, not commercial). The new frames should be grout filled with cement like the existing frames. Note: HM frame Spec calls for frames to be grout filled but bidding foam in our bid.**

RESPONSE: THERE WAS A PUNCTUATION ISSUE IN OUR RESPONSE- ALL DOORS INSTALLED IN MASONRY OPENINGS SHALL BE GROUTED. (PER THE SPEC) ANY VOID BETWEEN THE FRAMES AND MASONRY SHALL BE FILLED WITH SPRAY FOAM.

10) During our site visit, it appeared that the existing frames at some of the openings need to be replaced. The Steel Door is specified for a 12 Ga. Door with Ballistic Glass to be installed in existing frames. Some frames are wood (not steel) with Type A Doors and the other frames are either steel or aluminum. The door weight may exceed the support factor of the existing frames that are all shown to remain. Please clarify each existing frame type, which frames need to be replaced, and which 12 Ga. Doors with Ballistic Rating will work with the existing frames. **Answer: It is not the intent to change any of the frames as it is no longer the intent to install ballistic glazing. Contractor Comment: One or two frames need to be replaced so that would be a change order.**

RESPONSE: THERE IS NO BALLISTIC GLASS BEING INSTALLED AT ANY OF THE OPENINGS. THE EXISTING FRAMES AT THE READING TRAINSHED CANNOT BE CHANGED- THE EXISTING FRAMES WILL NEED TO BE REINFORCED ON THE INTERIOR SIDE TO SUPPORT THE NEW DOORS IF REQUIRED.

11) Spec section 87111 calls for extra sets of hardware and electrical parts. Is this X spare sets of each hardware set? Or X spare parts? **Answer: The Contractor shall provide 2 sets of spare hardware for each hardware type. Contractor Comment: The Hardware Types are vague so everyone will be bidding various hardware – without specific hardware sets provided, everyone will have a different idea on what hardware to use.**

RESPONSE: THERE ARE 10 HARDWARE SETS IDENTIFIED IN THE SPECIFICATIONS SECTION 087111 – THE CONTRACTOR SHALL PROVIDE 2 EXTRA SETS FOR EACH OF THE TEN SETS.

12) Hardware Schedule has letters A thru J, the Door Schedule Has Numbered Hardware Sets but they are not in the Documents. Please advise. **Answer: Refer to the attachment for the revised Hardware Schedule for the Base Bid and Add. Alternate 1. Contractor Comment: A project this size should have specific Hardware Sets, especially for the Electric Hardware that has been totally omitted and will become a very large Change Order for the Material and the Labor.**

RESPONSE: THERE ARE 10 HARDWARE SETS IDENTIFIED IN THE SPECIFICATIONS SECTION 087111. THE SETS IDENTIFY DOORS WITH DOOR MONITORING, CARD SWIPES AND KEY SWITCHES.

- 13) We would Recommend Continuous Hinges In lieu of Butt Hinges or at least 5” HW Stainless Steel Hinges. **Answer: No, continuous hinges do not work at the Convention Center.**
- 14) Please provide Door Closer Model Number – LCN 9533 is an Electric Operator for a Pair of Doors. Where the Door Closer needs to be a Manual Door Closer, provide Manufacturer and Model Number. **Answer: A LCN 4040XP-RW/PA-AL Heavy Duty Door closer with Parallel arm bracket at all locations where a manual closer is to be installed. Contractor Comment: Should be the LCN EDA (Extra Duty Arm) at least and in some case the EDA Arm with a spring stop arm option.**
RESPONSE: CONTRACTOR TO PROVIDE AND INSTALL LCN DOOR CLOSER TO BE EXTRA HEAVY DUTY (LCN EDA) INSTEAD OF HEAVY DUTY.
- 15) Please provide Exit Device Model Numbers for each Hardware Set. **Answer: All exit devices shall be Von Duprin. Von Duprin Model 98-EO-F Fire Rated Rim Exit Device x Exit Only x 299F x 3-0 x US 26D shall be used as the basis of the bid. Contractor Comment: 98EO-F is a rim exit device for single fire rated doors, more information and specific hardware sets should have been provided for a project like this. Plus, there are not any mullions listed on the pairs that really should be specified to have concealed vertical rods. Hardware Sets not being provided on this size of a project is going to result in a possible large change order amount.**
RESPONSE: SEE RESPONSES ABOVE- HARDWARE SETS WERE PROVIDED IN SPECIFICATIONS SECTION 087111. NO DOORS SHOULD HAVE MULLIONS.
- 16) Please provide Electrical Suffix for Electrical Exit Device that have Electric Operators scheduled. **Answer: For PCCA approved electronic security devices, inclusive of manufacturer and model numbers, please contact Lucas Hamm at Schneider Electric at 215- 479-9319. Contractor Comment: This answer is not proper. The Electric Hardware is always in specific hardware sets which is not in the specifications. There will be a large Change Order for Electric Hardware and Labor as well.**
RESPONSE: DOORS TO BE PREPPED FOR DOOR SECURITY DEVICES- THE CONVENTION CENTER WILL BE HIRING THE SECURITY COMPANY DIRECT. THIS APPLIES ONLY TO THE EXTERIOR DOORS THAT GET SECURITY HARDWARE AND THAT ARE CONNECTED BACK TO THE EXISTING SCHNEIDER ELECTRIC SECURITY SYSTEM.
- 17) Please provide Electric Power Transfer Mfg. & Model Number for openings with Electric Exit Devices. **Answer: For PCCA approved electronic security devices, inclusive of manufacturer and model numbers, please contact Lucas Hamm at Schneider Electric at 215-479-9319. Contractor Comment: This answer is not proper. The Electric Hardware is always in specific hardware sets which is not in the specifications. There will be a large Change Order for Electric Hardware and Labor as well.**
RESPONSE: DOORS TO BE PREPPED FOR DOOR SECURITY DEVICES- THE

CONVENTION CENTER WILL BE HIRING THE SECURITY COMPANY DIRECT. THIS APPLIES ONLY TO THE EXTERIOR DOORS THAT GET SECURITY HARDWARE AND THAT ARE CONNECTED BACK TO THE EXISTING SCHNEIDER ELECTRIC SECURITY SYSTEM.

- 18) Please provide Electric Power Transfer Mfg. & Model Number for openings with Electric Exit Devices. Please provide Power Supply Mfg. & Model Number for openings with Electric Exit Devices. **Answer: For PCCA approved electronic security devices, inclusive of manufacturer and model numbers, please contact Lucas Hamm at Schneider Electric at 215-479-9319. Contractor Comment: This answer is not proper. The Electric Hardware is always in specific hardware sets which is not in the specifications. There will be a large Change Order for Electric Hardware and Labor as well.**

RESPONSE: DOORS TO BE PREPPED FOR DOOR SECURITY DEVICES- THE CONVENTION CENTER WILL BE HIRING THE SECURITY COMPANY DIRECT. THIS APPLIES ONLY TO THE EXTERIOR DOORS THAT GET SECURITY HARDWARE AND THAT ARE CONNECTED BACK TO THE EXISTING SCHNEIDER ELECTRIC SECURITY SYSTEM.

- 19) Please provide Manufacturer of Door Monitor Equipment (Door Contacts) and advise if the Electrical Contractor is Supplying and Installing or just Installing with the Door and Hardware Supplier providing the Door Contacts. **Answer: For PCCA approved electronic security devices, inclusive of manufacturer and model numbers, please contact Lucas Hamm at Schneider Electric at 215-479-9319. Contractor Comment: This answer is not proper. The Electric Hardware is always in specific hardware sets which is not in the specifications. There will be a large Change Order for Electric Hardware and Labor as well.**

RESPONSE: DOORS TO BE PREPPED FOR DOOR SECURITY DEVICES- THE CONVENTION CENTER WILL BE HIRING THE SECURITY COMPANY DIRECT. THIS APPLIES ONLY TO THE EXTERIOR DOORS THAT GET SECURITY HARDWARE AND THAT ARE CONNECTED BACK TO THE EXISTING SCHNEIDER ELECTRIC SECURITY SYSTEM.

- 20) Please provide Part Number for "Rockwood Cylinder Pull Plate" x proper finish. **Answer: See response to Question 2.**

- 21) Please provide Part Number for "Door Pull with Backplate" **Answer: The door pulls/plates shall match the existing. For bidding purposes, the Contractor shall bid installing Rockwood 111X70C Pull plate X 16" w/1" round pull- 10" CTC -32D stainless steel.**

- 22) Please provide Part Number for Schlage Cylinders and Schlage Cores. **Answer: Schlage 20-079 Rim Cylinders x LFIC core X US26D, Schlage 20-081 Mortise Cylinder x LFIC core x US 26D, Schlage Primus cores X 626 to be shipped directly to client as final cores.**

23) Please provide Mfg. and Model numbers for all the Controls, Activation and Safety Devices for the Electric Operators. None of the Model Numbers are listed, there is a wide selection with varying pricing. **Answer: For PCCA approved electronic security devices, inclusive of manufacturer and model numbers, please contact Lucas Hamm at Schneider Electric at 215- 479-9319. Contractor Comment: This answer is not proper. The Electric Hardware is always in specific hardware sets which is not in the specifications. There will be a large Change Order for Electric Hardware and Labor as well.**

RESPONSE: DOORS TO BE PREPPED FOR DOOR SECURITY DEVICES- THE CONVENTION CENTER WILL BE HIRING THE SECURITY COMPANY DIRECT. THIS APPLIES ONLY TO THE EXTERIOR DOORS THAT GET SECURITY HARDWARE AND THAT ARE CONNECTED BACK TO THE EXISTING SCHNEIDER ELECTRIC SECURITY SYSTEM.

24) Door No. 116 & 117 are Aluminum Transom Frames with Rough Opening of 48" x 144" +/-FrameType FG-A shows a 3-Sided Frame which is does not match this opening. Please Advise. **Answer: The profile of the frames shall be replaced with frames that match the existing therefore a 3- sided frame shall not be installed at these locations. Contractor Comment: Answer should have been a new Frame Elevation for these two openings showing 1" Insulated glass above the door frame.**

RESPONSE: DOOR 116 AND 117 LOCATED ON THE EAST SIDE OF 12TH STREET DO NOT HAVE GLASS PANELS ABOVE THE DOORS. DOORS 107 AND 108 LOCATED ON THE WEST SIDE OF 11TH STREET ARE SHOWN WITH FRAME TYPE C SHOWING A DETAIL WITH 1 INCH GLASS PANELS

25) Some openings have damaged block walls. Who is responsible for replacing the damaged block after the existing HM frame has been removed? **Answer: The Contractor shall include in their bid the removal and replacement of any damaged block walls. The specific location and amountof replacement shall be reviewed in the field with the Owner and the Architect. The Contractor shall include repainting of the walls where block work has been completed. Contractor Comment: This will leave eachbidder to throw a number at this answer.**

RESPONSE: WE BELIEVE THIS IS MEANS & METHODS

26) Existing Expansion Joints at one opening in the base bid needs to be replaced. Who is responsible for replacing this expansion Joint Sill Material? **Answer: The repair /replacement ofthe expansion joint is not part of this contract.**

27) There does not appear to be a door schedule for the Base bid and Alternate #1. Alternate # 3 has a door schedule. Could you please provide the door schedule. **Answer: The door schedulefor the base bid and alternate are included in the specifications.**

28) Is a Bid Bond required for this bid submission? **Answer: Yes, bid bond is required.**

END