

**ADDENDUM #2**  
**BID #1718-14, Fullerton College Building 3000 HVAC Upgrade**

This Addendum forms a part of the Contract Documents and modifies the original Contract Documents. Acknowledge receipt of this Addendum in space provided on the Bid Proposal Form. Failure to acknowledge may subject Bidder to disqualification.

**I. REQUEST FOR INFORMATION:**

1. Sheet M-203 shows both HP-1 and HP-2 to be mounted on existing platform that was measured in the field to be 60" x 27" The Carrier units specified HP-1 (3 ton) and HP-2 (5 ton) are each 48"x44" (Carrier units as specified) **The units will overhang the existing curb on two sides.** It appears this is taken into account with angle brackets and tied into the side of the curb, please clarify.
  - A. **The contractor shall replace the existing rooftop packaged heat pumps with new more compact heat pump. The unit will overhang the existing curb. The heat pumps shall be attached to the existing curb as detailed on the structural plans. The contractor shall provide a 14-gauge sheet cap with welded seams and corners over the existing curb prior to installing the new heat pump. The cap shall extend down the existing curb on 2" all sides and be sealed water tight.**
2. The electrical drawings for the two (2) heat pump units HP-1 & HP-2 do not match on the mechanical drawings and the electrical drawings. M-002 shows 40 MOCP (HP-1) and 60 MOCP (HP-2) this is correct. E-002 shows using the same 30 amp circuits, wire and conduit as this appears not to be correct? Please verify conduit size, wire size and unit ampacity.
  - A. **For HP-1 provide 1"C-2#6, 1#8 Grd with a 60A/2P, 40A fused disconnect. Provide a 60A/2P breaker in C1 to serve HP-1. For HP-2 provide 1"C-2#6, 1#8 Grd with a 60A/2P, 60A fused disconnect. Provide a 60A/2P breaker in C1 to serve HP-2.**
3. Sheet M-602 existing hot water pump does not show a **pad size and detail.** Please verify
  - A. **The contractor shall provide an 18" W x 24" L x 4"H housekeeping pad. Pad shall be placed on top of the existing concrete floor with (4) - 6" No. 4 rebar located at each corner 3" from the edge of pad epoxied into the floor with 3" embedment. Provide No. 4 rebar 2" from top and 3" from the edge of pad and 12" O.C.**
4. Due to age of pump **a new pump should be installed** and not re-use the old pump since all the pump trim is shown as new. Would need GPM/ Head and pump HP. Please verify
  - A. **The pump shall be selected for 47 GPM at 40 Feet and shall be provided with a triple duty valve on the discharge to assist balancing. The contractor shall verify the existing pump size and motor HP to insure the electrical service is adequate.**

**END OF ADDENDUM #2**