City of Greenville, Ohio

GREENVILLE CITY FACILITIES HVAC EQUIPMENT REPLACEMENT

ADDENDUM #2 – OCTOBER 17, 2017

ITEM NO. 1 – PRODUCT AND MANUFACTURER APPROVALS:

1. The following manufacturers are acceptable, subject to products complying with all requirements of the Contract Documents.
    a. Fuel-Fired Domestic Water Heaters, 223400-2.2.A, add Bock.
    b. Condensing Boilers, 235216-2.1.A, add LAARS.
    c. Condensing Unit, Drawing ME00 Condensing Unit Schedule Item CU-P8 Manufacturer, add Daiken, LG, and Carrier.

ITEM NO. 2 - DRAWINGS:

1. Make the following change to Drawing T001:
    a. Add the following to the PROJECT NOTES:
        i. Note 10. The Owner has submitted the Plans and Specifications for approval to the Miami County Department of Development. It shall be the Contractor's responsibility to receive the approved documents and to provide follow-up product documentation to Miami County on all equipment to be incorporated into the project, after approval of equipment submittals. The City of Greenville will pay all fees required by the Miami County Department of Development. The procurement of any and all other required permits or approvals is the sole responsibility of the Contractor and all required fees shall be paid by the Contractor.

2. Make the following changes to Drawing ME00:
    a. Add the following to the GENERAL NOTES:
        i. Note 15. Where new penetrations are required through existing concrete plank floors, before cutting openings locate all reinforcing steel. Do not cut any reinforcing steel without first identifying the location to the Engineer and obtaining the Engineer's written authorization to cut the reinforcement.
        ii. Note 16. Where new penetrations are required through existing masonry walls, provide lintels over top of all new cut openings. Lintels shall consist of one 3-1/2 x 3-1/2 x 5/16 inch steel angle for

each 4 inch thickness of wall. Each angle shall bear 8 inches onto masonry adjacent to the opening on each end.

3. Make the following changes to Drawing M101:
   a. Add the following to Keynote 32. Locate chase walls such that no portion of the cover plate any existing electrical device is covered by any chase wall.
   b. On the First Floor HVAC Plan, in the closet off Dispatch 106, delete the chase wall and Keynote 32. The duct in this closet shall be exposed. The bottom of the duct penetrating this closet wall to the return grille shall be 8 inches above the floor. Cut off the portion of shelving that would interfere with the duct installation and resupport the end of the shelving to remain.

4. Make the following change to Drawing M102:
   a. Add the following to Electrical Plan Keynote 21. Provide a finished metal enclosure the same dimensions and color as the panelboard from the top of the panelboard up to the ceiling to conceal all raceways above the panelboard.

5. Make the following changes to Drawing M301:
   a. Add the following Note 13 to the HVAC Control Sequences. The Owner will inform the Contractor of the four temperature values to be programmed into each thermostat for occupied and unoccupied heating and cooling setpoints.
   b. On the TYPICAL ROOF HOOD DETAIL and on the EXHAUST FAN ON SLOPED ROOF DETAIL, add the following note: Provide Type 304 Stainless Steel flashing all around the roof curb using step flashing on the sides and sheet flashing on the top and bottom with flashing bent around the corners of the curb at least 3 inches. All flashing shall extend up the curb to the underside of the curb-top counterflashing and at least 8 inches under roofing shingles. Replace shingles with matching shingles if any existing shingles are damaged. Flashing shall be machine-bent in straight lines and installation shall meet the recommendations of the shingle manufacturer. Minimum stainless steel thickness shall be 20 gauge.

6. Make the following change to Drawing M411:
   a. Change Keynote 21 to read as follows, and change the drawing reference to match the changed keynote. Provide PVC flue vent piping. Size, install, and connect piping, and provide outdoor termination kit as recommended by the equipment manufacturer. Outside of the basement wall penetration, pipes shall turn 90 degrees to the northwest and penetrate the end wall of the window well approximately 18 to 24 inches below grade. Core drill all wall penetrations 1 inch larger than the outside diameter of the pipe and seal the annular space between the pipe and wall opening surfaces with flexible

waterproof sealant. Flue pipes shall continue to the northwest until they reach a horizontal distance of at least 10 feet from the nearest window and then turn southwest for approximately 2 feet until they reach the adjacent concrete ramp. At the ramp, the flue pipes shall turn vertical and terminate 15 inches above grade.

7. Make the following change to Drawing M421:
   a. Add the following Note 9 to the Hydronic System Notes. The boilers and the pumps shall be enabled when outdoor temperature is below setpoint and disabled when above setpoint. The setpoint shall be adjustable from 50 degrees to 70 degrees and shall be initially set at 60 degrees.

END OF ADDENDUM #2