

**The Philadelphia Parking Authority
701 Market Street, Suite 5400
Philadelphia, PA 19106**

**Bid No. 20-12
Replace Ventilation System at Independence Mall Garage
Addendum Two**

To: See Email Distribution List

From: Mary Wheeler
Manager of Contract Administration

Date: September 24, 2020

No Pages: 2

This addendum is issued on Wednesday, September 24, 2020 prior to the bid due date to add, delete, modify, clarify and/or to respond to questions submitted by prospective bidders regarding the work included in the above referenced solicitation.

QUESTIONS

- 1. Question:** In reference to M001.00 Summary of Work Note 2, Drawing E106.00 & M002.00. Key note 1 on Drawing E106.00 states "Contractor to replace motor", Drawing M002.00 and Summary of Mechanical work note 2 tells mechanical contractor to furnish and install motors, please confirm that the Mechanical Contractor furnishes and installs motors to be wired by Electrical Contractor.

Response: Mechanical Contractor shall furnish and install the motor and the Electrical Contractor shall provide power (wiring, conduit, junction boxes, and supports).

- 2. Question:** In reference to M001.00 Summary of Work Note 2, Drawing E106.00 & M002.00. Key note 1 on Drawing E106.00 states "Contractor to replace motor", Drawing M002.00 and Summary of Mechanical work note 2 tells mechanical contractor to furnish and install motors, please confirm that the Mechanical Contractor furnishes VFD's to be installed and wired by Electrical Contractor..

Response: The new motors are furnished and installed by the Mechanical Contractor and wired by the Electrical Contractor.

- 3. Question:** In reference to Drawing M101.00 General Notes. Provide all conduits and control wires for all temperature and gas sensors. Who furnishes and installs conduit in the garage for the temperature and gas sensors?

Response: The Electrical Contractor shall provide and install conduit with pull cord for all temperature and gas sensor.

- 4. Question:** In reference to Drawing M101.00 General Notes. Provide all conduits and control wires for all temperature and gas sensors. What size and type (GRC, EMT, Aluminum) conduit do we install?

Response: Conduits for control cables shall be Rigid Galvanized Steel - 3/4" minimum.

5. **Question:** In reference to Drawing M101.00 General Notes. Provide all conduits and control wires for all temperature and gas sensors. The Electrical Bid form calls for pull cords in conduits, note 4 on Drawing E106 calls for cable, what does the electrical contractor install?

Response: The Electrical Contractor shall provide and install conduit with pull cord for all temperature and gas sensors.

6. **Question:** In reference to Drawing E106.00, Note 7: Note states to "provide all wiring and controls for a complete operable Automatic Demand Control Ventilation and Carbon Monoxide Monitoring System control". Can you provide a list of what controls electrical contractor and wiring point to point diagrams the electrical contractor is required to furnish?

Response: Controls shall be coordinated with the mechanical contractor and the equipment manufacturer. It is dependent on the equipment that the Mechanical Contractor selects. Manufacturer shall provide diagrams.

7. **Question:** In reference to Drawing E104.00, Note: Note states to refer to Drawing M003.00 for wiring diagrams, drawing does not show wiring types or terminations. Can you provide a point to point wiring diagram showing terminations and wire type required for the electrical contractor?

Response: For points of connection and feeder sizes, refer to drawing E105.00 Electrical Single Line Diagram.

8. **Question:** Please confirm that the VFD motor drives specified in our division 26 electrical section 26 29 23 are to be furnished by the General Construction HVAC contractor.

Response: All of the VFD are being provided by the Mechanical Contractor and installed by the Electrical Contractor.

9. **Question:** Currently the DCV system specified in division 23 HV AC section 23 09 23 is to be furnished, installed and wired into an empty conduit system installed by the electrical contractor. Would consideration be given to having the electrical contractor furnish, install and wire the DCV system as well? This would provide a single source tum key advantage for the PPA as opposed to splitting the responsibilities over both prime contractors.

Response: DCV System shall be furnished and installed by the Mechanical Contractor. It is the Electrical Contractor to provide power to the system.

10. **Question:** What firm was used as the "Basis of Design" for the demand control ventilation system referenced in question 9?

Response: To maintain equal bidding opportunity a design basis vendor is not provided.

11. **Question:** Is there multiple outlets that can handle 3-110v plugs?

Response: PPA Maintenance- "We do not recommend 3-110v plugs be utilized simultaneously on a single circuit".

END OF ADDENDUM TWO