

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

Bid No. 24-01

**Fire Protection System Replacement at IMG and Parkade on 8th Street
Addendum Two**

To: See Email Distribution List

From: Shannon Stewart
Manager of Contract Administration

Date: April 4, 2024

No Pages: 5

This addendum is issued on April 4, 2024, 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:** Drawings indicate floor control assemblies, those shown are typically for wet system, are these required to be installed please confirm intent.

Response: Intent is for reference only. Since this is a dry system, Detail 2 on sheet FP-002 can be omitted.

2. **Question:** Specifications 21-13-16-11 - 3.11 D / E indicate schedule 40 galvanized for 3" and smaller plain end pipe for plain end fittings. Schedule 10 galvanized for greater than 3" plain end pipe for plain end fittings. Please review and confirm as plain lock fittings are not made above 2".

Response: If plain lock fittings are not available past 2", See response to Question 3.

3. **Question:** If the answer to the question above lists additional pipe and fitting are roll grooved schedule 10 and schedule 40 acceptable.

Response: Roll grooved piping and fittings Schedule 10 and Schedule 40 are acceptable.

4. **Question:** Specification indicate upright sprinklers to be chrome plated, however drawing indicate upright sprinklers chrome plated only in finish spaces. Please confirm upright in garage are acceptable rough brass.

Response: Rough brass is acceptable for the upright sprinklers within the garage. Chrome plated only required in the finished elevator lobby areas.

5. **Question:** Specification 21-13-16-6 2.8 indicate control panels and manual control stations for dry systems. This is not required for standard dry system as there are no smoke detectors required for dry system unlike Pre-action. Please confirm.

Response: There are existing smoke detectors to be replaced with new within the elevator lobbies and other miscellaneous areas that will need to be integrated with the new system.

6. **Question:** Is there any logistic for the location of the meeting trailer requested, please advise.
Response: See response to Question 7 in Addendum #1 – Trailers will not be necessary as designated meeting spaces will be provided.
7. **Question:** We assume no seismic bracing is required for this project. Please confirm.
Response: Seismic bracing is not required for this project.
8. **Question:** Does this project contain liquidated damages, if so, how much per day.
Response: No liquidated damages have been identified for this project.
9. **Question:** Are there liquidated damages?
Response: Please see response to Question 8.
10. **Question:** Drawings indicate a 1500 Sq. Ft. design area however 1950 Sq. Ft. be required for a dry system, please confirm.
Response: Concur. Design area for this dry system will be 1950 Sq. Ft. per Table 28.2.4.7.2 of NFPA 13.
11. **Question:** The existing system is a pipe schedule system, and the new calculated system may increase pipe sizes from existing design. Please confirm.
Response: Correct. Pipe sizes will be modified per new hydraulic calculations performed by the Contractor (Delegated Design Calculations).
12. **Question:** IMG & Parkade: Please confirm if Fire Alarm Replacement does or does not include new Wire and EMT Conduit.
Response: For IMG, new wire and EMT conduit is required. For Parkade, only replace devices and reuse the existing wire and EMT Conduit to furthest extent possible.
13. **Question:** IMG & Parkade: Regarding Fire Alarm, please confirm if separate trailers will be required for IMG and Parkade Garages and please provide proposed/approved trailer location(s).
Response: A location for a meeting/office is provided at each location. Off-Street Operations can provide a field office located on level P1 - 5th street side of IMG garage, and if needed, space is available within the ventilation fan rooms on level P2. Also, a designated office space at the Parkade on 8th garage will be made available within an empty retail space on the corner of 8th and Filbert St. This area also has sufficient lighting and electrical sources.
14. **Question:** IMG & Parkade: Please confirm if Smoke and/or Heat Detectors are to be replaced in elevator shafts.
Response: All Smoke and/or Heat Detectors associated with the Fire Alarm System must be replaced at both garages, this includes the smoke/heat detectors in the elevator shafts.
15. **Question:** IMG & Parkade: Please confirm Class B Wiring for Fire Alarm Devices.
Response: Confirmed Class B wiring.
16. **Question:** IMG & Parkade: Previous bid documents proposed liquidated damages of \$1,000/day over the established Contract Time period. Please confirm those proposed damages no longer apply to this project.
Response: Please see response to Question 8.

17. Question: IMG: Portions of the Carbon Monoxide System wiring are not housed in conduit, rather exposed wire is fastened (wire-tied) to Fire Alarm Conduit. If the Fire Alarm Conduit is to be demolished how is exposed Carbon Monoxide System Wiring to be handled?

Response: The wiring for the Carbon Monoxide System must be fastened back (wire-tied) back to the Fire Alarm Conduit where needed.

18. Question: Parkade: No Fire Alarm Devices are designated as Weatherproof, please confirm which devices are intended to be Weatherproof.

Response: All devices must be weatherproof.

19. Question: Parkade: Please confirm there is no phasing requirement for the Fire Alarm Scope of Work.

Response: Phasing is not required for the Fire Alarm Scope of Work at Parkade. Contractor must close off parking spots only to perform work around a particular device being replaced and open the parking spots back up when work is complete. Coordination with the Authority will be required to notify how many parking stalls will be closed off for device replacement. See response to Question 20 for additional information.

20. Question: Parkade: Please confirm that no parking levels are scheduled to be closed or cleared for Fire Alarm Scope of Work and that seven-calendar day "Purge" time does not apply to Parkade.

Response: No parking levels are to be cleared but localized parking spaces may need to be restricted to facilitate work. Contractor to coordinate with the Authority to identify parking restrictions and allow the Authority seven calendar days to purge the specific locations.

21. Question: Please confirm that the fire alarm and sprinkler contracts are independent of each other. Bid form 00 41 00 page 2 states Fire Protection Contractor to perform work as described at IMG and Parkade on 8th?

Response: Yes. Please see response to Question 1 on Addendum #1.

22. Question: Will entire parking levels at IMG that are under construction be temporarily closed for use, until they are put into service?

Response: Yes. Please refer to proposed phasing plans within the construction documents.

23. Question: Have accommodations been made for dumpster placement?

Response: See response to Question 8 on Addendum #1.

24. Question: Specification 011200 specifies a project coordinator to coordinate between the sprinkler and fire alarm contract. Who is to provide project coordinator?

Response: The fire sprinkler contractor has been designated as the project coordinator. Please see section 1.3A in the specification for designation.

25. Question: Will on site restroom facilities be available for construction personnel?

Response: Access to restroom facilities will not be provided. Contractor may use Porta-Johns at Contractor's expense. Acceptable locations for Porta-John staging will be provided post award.

26. Question: Are permits required?

Response: Permits will be required in accordance with all local regulations and requirements. Permitting will be handled as Change Order 1 for the project. Contractor to submit the receipt of the permit for direct reimbursement. All time for applying and procurement for the permit is to be covered within the Contractor's General Conditions.

- 27. Question:** Existing sprinkler piping in IMG passing thru walls does not have sleeves. Are they required?
Response: **Sleeves will be required for the new piping system.**
- 28. Question:** Is painting of pipe and fittings required?
Response: **Painting is required where listed under section 21 13 16.**
- 29. Question:** Existing sprinkler pipe does not have pipe identification. Is it required?
Response: **The existing sprinkler pipe has pipe identification handwritten throughout the system. Pipe identification will be required for the new system according to the requirements of NFPA 13.**
- 30. Question:** Drawing FP-001 schedule of materials and specification 211316 section 3.11, notes pipe 3" and smaller to be schedule 40. Industry standard is pipe 2 ½" and larger to be schedule 10. Can pipe 2 ½" and larger be schedule 10?
Response: **Yes, pipe 2 ½" and larger can be Schedule 10.**
- 31. Question:** Drawing FP-001 general notes 8.3, 8.4 and 8.5 state seismic bracing is to be installed. Existing sprinkler pipe does not have seismic bracing and existing conditions may not have enough clearance for installation. Is seismic bracing required?
Response: **Seismic bracing is not required.**
- 32. Question:** Drawing FP-002 indicates clevis hangers. Please confirm that loop hangers are acceptable.
Response: **Loop hangers are acceptable.**
- 33. Question:** Please provide contact information for the existing fire alarm vendor for IMG. Disconnection and re-connection of points will be necessary.
Response: **Johnson Controls International, PLC. is the existing Fire Alarm vendor, contact information can be provided post award.**
- 34. Question:** Are we required to use the electrical contractors who attended the pre-bid meeting for the electrical and fire alarm wiring required in IMG?
Response: **No. Participating bidders can use sub-contractors that did not attend the pre-bid meeting.**
- 35. Question:** Please confirm that there are enough existing fire alarm points to use for the new devices in IMG?
Response: **Contractor must field verify. Intent is to replace devices at IMG in same location as existing.**
- 36. Question:** Please clarify specification 211316 section 2.7 and 2.8?
Response: **Spec 21 13 16 sections 2.7 and 2.8 are not required for dry-pipe systems.**
- 37. Question:** What type of barriers are acceptable at ramps in IMG. Barriers will need to be moved daily for access.
Response: **Either Fencing or plastic jersey barriers are acceptable.**
- 38. Question:** Is fire watch required 24/7. Philadelphia Fire Code 901.7 does not require it.
Response: **Since the garage will remain occupied during construction, and store motor vehicles, a fire watch will be required 24/7.**
- 39. Question:** Can we deviate from the system and zoning layout as referenced on sprinkler plans for IMG?
Response: **Yes, drawings are diagrammatic only and can be rezoned as long as it does not affect the phasing requirements shown on sheet R-100.**

40. Question: Is there a domestic steel requirement?

Response: Yes. This procurement calls for the construction, alteration, repair, improvement, or maintenance of a Public Works and, therefore, the Pennsylvania Steel Products Procurement Act (Act 3) applies. <https://www.dgs.pa.gov/Design-and-Construction/Steel-Products-Act-Exemptions/Documents/73PS1881to1887SPPAAmended.pdf>

END OF ADDENDUM TWO