

City of Worcester, Massachusetts

Cambridge Street Sewer Interceptor Rehabilitation Project

Contract No. S23-1

Bid No. 7869-W3

ADDENDUM NO. 4

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To be considered as part of the contract drawings and specifications for the Cambridge Street Sewer Interceptor Rehabilitation Project, dated August 2022:

QUESTIONS

- Q1. Will the base bid & alternates be totaled to determine apparent low bidder?
- A1. **The Owner will decide the Basis of Award upon evaluation of the bids received. The options for the Basis of Award are the Base Bid, Base Bid plus Alternate No. 1, or Base Bid plus Alternate No. 2. The Owner will award the contract to the apparent low bidder for the chosen Basis of Award.**
- Q2. What is the anticipated Notice to Proceed (NTP) date?
- A2. **The NTP will be issued by the City promptly upon evaluation of the bids received and execution of the contract documents.**
- Q3. Will the Owner consider revising the number of days to complete the Alternate No. 1 from 30 to 120 days given the project size and scope?
- A3. **As stated in the specifications, the project duration for the Base Bid plus Alternate No. 1 is 180.**
- Q4. Please clarify when was the last time sewers were cleaned and televised.
- A4. **The sewers in the project area have not been cleaned in the past 20 years. MSI inspections were completed in 2009 and 2017 and the estimated volume of debris that the Contractor shall be responsible for removal and disposal is approximately 50 cubic yards. Reports from 2009 and 2017 MSI inspections are available and can be provided upon request, please contact:**

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**The sewers in the project area were television inspected in 2021.**

- Q5. In the specifications it states that the City will compensate directly for Traffic Police, as ordered, under the Lump Sum Reserve for Traffic Police. Upon completion of the contract all amount not utilized will return to the City of Worcester. Will the contractor also be able to bill the reserve for any traffic control set up / tear down / delivery / pick up, cones, signs or other traffic control device rental or purchase or will this be considered incidental?
- A5. **Lump Sum Reserve is for City use only. Traffic control device rental and/or purchase are considered incidental to the project.**

- Q6. Will the City provide a drying bed to the contractor to dispose of the solids once decanted from the vacuum truck?
- A6. **No. The Contractor shall be responsible for finding a location for debris storage and disposal.**
- Q7. If no drying bed will be provided by the owner, what is a nearby location that will accept the debris?
- A7. **The Contractor shall be responsible for testing, transportation, and disposal of the sewer grit removed during cleaning.**
- Q8. Are there any force mains that connect into this sanitary system?
- A8. **No force mains are connected into the sewers within the project area.**
- Q9. Will the engineer / owner confirm that PACP format is required for the post CCTV inspection for the Geopolymer pipe rehab as well as the post CIPP CCTV?
- A9. **PACP format is required for CCTV inspections.**
- Q10. On large diameter and odd shaped pipe, the services will need to be grouted by hand. Is there a specification for hand applied grout because if hydraulic cement is acceptable the capabilities will be different than specified?
- A10. **Man-entry may be required to grout services on large diameter and odd shaped pipe. The service connections shall be grouted in accordance with Section 02443 – Service Connection Rehabilitation. Hydraulic cement is not an acceptable product for grouting service connections per Section 02443 – Service Connection Rehabilitation.**
- Q11. Due to the depth of the 60" equivalent CIPP (in Alternate 2) plus the railroad loading, the standard felt CIPP design is extremely thick. Would the engineer / owner consider allowing the contractor to install a fiberglass liner and / or UV CIPP Liner in an effort to meet the structural requirements while reducing the mm thickness and overall weight of the liner? This will help the installation process as well as the shipping and handling of the materials.
- A11. **Bids shall be based on the scope of work as indicated and specified within the Contract Documents. The Contractor may submit an "or equal" option during the submittal process.**
- Q12. Would the owner / engineer please consider extending the bid due date by one week so the contractors can have time to review the responses and adjust our bid as needed?
- A12. **Through Addendum No. 3, the bid opening has been extended to Wednesday, September 14, 2022, at 10:00 AM.**
- Q13. Since sanitary cleaning is normally broken into three different levels (light, medium, and heavy) are we to assume the pipes not to be more than 20% full of debris? If greater than 20%, will the Owner then negotiate per the Unspecified Work paragraph in this contract?
- A13. **MSI inspection was completed in 2017 and the estimated volume of debris that the Contractor shall be responsible for removal and disposal is approximately 50 cubic yards.**

Q14. Can the owner / engineer please confirm if all of the existing ten (10) manholes to receive Geopolymer are 48" diameter round?

**A14. Bids shall be based on the scope of work as indicated and specified within the Contract Documents. Manholes are brick and they taper from the crown of the pipe up to the casting.**

Q15. Will any of them be required for us to remove steps or rebuild the benches and inverts?

**A15. Removal or rebuilding of steps, benches, and inverts is not included in the scope of work. The brick manholes are constructed as manhole tees without benches or inverts.**

Q16. Can the owner / engineer please provide a list of certified M/WBE to the bidders to solicit for this project?

**A16. Certified M/WBEs can be found in a searchable directory at: <https://www.sdo.osd.state.ma.us/BusinessDirectory/BusinessDirectory.aspx>.**

Q17. It is our understanding that the two 48"x72" pipes for Alternate 1 & 2 are egg shaped, and do not have the built up 24"x18" invert. Please confirm this to be correct.

**A17. Sewer mains SM09661 and SM09272 are 48-inch by 72-inch egg shaped pipes that do not have a brick trough built up in the invert.**

**END OF ADDENDUM NO. 4**