BAXTER & WOODMAN Consulting Engineers

Pre-Bid Conference Questions and Responses

DATE & TIME: November 17, 2022, 10:00 A.M.

CLIENT: City of Joliet

LOCATION: East Side Wastewater Treatment Plant, 815 Adler Street

PROJECTS: 2023 Water Main Improvements: Caton Farm Road Water Main Improvements, Garnsey Park Phase 4 Water Main Improvements, Midland Avenue Water Main Improvements, St. Pat's Phase 1A Water Main Improvements, St. Pat's Phase 1B Water Main Improvements

---

1. GPS Data Collection Requirement:
    a. Question: Could the GPS requirements be clarified further, such as in a detail or on the plans, or could the GPS Data Collection be separated as its own pay item?
        i. Response: Contractors will be provided with further clarification of the GPS Data Collection process with a video showing the steps to collect points. This video will be shared on the City's website. There will also be a 2-hour training session provided by B&W. The required work does not need an additional pay item, as the specifications note the price should be included as incidental to the water main work.
2. PVC Tracer Wire
    a. Question: Could a detail of the additional tracer wire on valve vaults be provided?
        i. Response: The City is currently working on these details. The current information on tracer wire requirements can be found in the project manual.
3. Warranty
    a. Question: Why has the warranty bond been extended to a three-year period?
        i. Response: The City's intention is to extend that warranty to ensure that quality work is being done, as water main improvement projects will be ongoing in close proximity for the next 8 years.
4. Project Restoration
    a. Question: Please provide clarification on the required restoration of a street prior to moving onto the next street. Can the previous street be restored while water main line work is started on the next?
        i. Yes, that would be acceptable. Water Main installation can continue to progress as the completed streets are restored. The same applies if you have multiple crews working.
5. Lead Services
    a. Question: How much is known of the inside of the homes regarding lead services?
        i. Response: The City is currently working on having their staff inspect the homes on the project to confirm which are lead or not. Updated information will be provided to the contractor once it is available.
    b. Do we have any photographic information on the interior of the homes?
        i. Response: At this time, there is not photographic information.

c. Question: What verbiage is the City willing to put into the contract to ensure the contractor will have sufficient time to complete the work where entering a private residence is required? (The concern would be that an aggressive timeline would not be feasible for a contractor to meet, especially without background information on the interiors of homes.)
    i. Response: The timelines are not overly aggressive, as we do not anticipate more than half of any project's services to be lead. In some cases the lead is only found between the water main and B-box. The notification process is also a part of the Bid and Project Documents. When customers are notified and they begin contacting the City to schedule an inspection, more information and data will be collected. The City's existing water service material inventory can also be made available to a contractor for their awarded project(s). Historical data has been used to estimate how many lead water services are in each project, relative to their specific location.

6. Sanitary Sewer Material
    a. Question: Would the City provide the contractor with their existing sewer material or lining data regarding the Illinois Code requirements for water main separation?
        i. Response: In order for a project to get approved by the IEPA for permit, it is required that the proposed work meets the requirements as described in the Ill. Admin. Code tit. 35, § 604.1440 - Sanitary Separation for Finished Water Mains. Since sewer conditions and required water main separation are previously verified during project design and in permit review, the sewer data requested will not be provided.

7. Water Service Separation
    a. Question: What are the separation requirements regarding water and sanitary service lines (as a lot of the existing service lines are run together)?
        i. Response: There is a pay item for service casing pipe for these circumstances. There are many ways to satisfy the separation requirements for water mains, including but not limited to: a 10-foot horizontal separation, an 18-inch vertical separation with the water main above the sewer, or specific pipe materials used for constructing the water main and sewer. The same code specified above can be referred to for review of the separation requirements.