

City of Havelock Request for Engineering Service Qualifications:
Sewer Collection System Asset Inventory Assessment

Addendum 1

December 8, 2023

Questions Received

1. How did the City develop its existing sewer and water system GIS datasets?

Collected/Digitized from Development Plans, GPS, and Aerial Photography. Continually updated from repair sites and new As-built Plans.

2. What is the City's level of confidence in the accuracy of its utility GIS datasets?

For reference use only. Features with ground exposure (manholes, etc.) were collected with GPS and are of higher confidence.

3. Will the City provide access to its GIS dataset to assist consultants in developing their proposals?

Yes. A zip file is posted on Vendor Registry with the RFQ.

If not... Can the City provide the following information:

- Linear feet of sewer line (classified by pipe diameter) located w/in Quad 1
- Number of manholes w/in Quad 1
- Linear feet of water mains w/in Quad 1
- Number of valves, hydrants, curb-boxes, other pertinent point features w/in Quad 1

4. Can the City provide a list of data it will provide to the consultant to support a desktop analysis of system extents, depths, materials, and conditions?

Data but will be limited to current maps and GIS information from IT.

5. Will inspection activities be limited to those areas defined/prioritized through desktop analysis? If not, does the City anticipate that the consultant will inspect *all* water lines to identify specific defects through methods such as excavation, coupon sampling, magnetic flux, ultrasonic, electromagnetic assessments?

The City's intent is that the consultant will field survey line locations with non-invasive means (GPR, ultrasonic, etc.) and coordinate that with desktop analysis for as much as Quadrant 1 as possible. The primary goal for this scope is to obtain as much accurate water line locations as possible.

6. Does the City anticipate that all valves, hydrants, curb-boxes will be field surveyed?

The priority is on valves, with the inclusion of backflow devices and hydrants that are visible while collecting valve data.

7. Does the City anticipate that all system valves will be operated/exercised as part of this effort?

No.

8. Does the City have any additional funding sources, match requirements, or other monies allotted to supplement the \$150,000 grant awards to perform the work outlined in the RFQs?

The City does not have any additional funding sources for this project.

9. Did Havelock do the AIA application or did they hire a firm to do it?

City staff completed the application.