

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. The RFP states that the consultant will "Determine material designation and condition as feasible by general targeted sample of lines in this quadrant" ...Is it the City's intent that the consultant prioritize inspection activities based on existing data provided by the City? If so, what data and information will the City provide to support a desktop prioritization analysis? If not, does the City anticipate that *all* sewer infrastructure within Quad 1 will be inspected?

City's intent and preference is to inspect all of Quad 1.

5. Does the City anticipate that line and structure inspections conform to NASSCO standards?

We do not require compliance to NASSCO standards for this scope.

6. Does the City anticipate that manholes inspections conform to MACP Level 2 requirements?

MACP level 1 (general condition of manhole) will be satisfactory.

7. Does the City anticipate the consultant inspecting sewer laterals as part of this effort?

Sewer lateral inspections are not part of this scope. Main desire is to get pipe size, material and condition, and manhole /invert info.

8. Has the City considered accuracy requirements applicable to rim elevation survey and depth-to-invert capture?

Elevation accuracy to be to nearest 0.1 foot.

9. Does the City have a current hydraulic model available for its service area?

We do not have a hydraulic model for that area.

10. Does the City have a preference related to hydraulic modeling software used by its consultant?

No preference to hydraulic modeling software.

11. 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.

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

City staff completed the application.