



WATER RESOURCES DEPARTMENT

Wastewater, Water & Reclaimed Water GIS Improvements RFQ ADDENDUM #1 (12-7-18)

Please note that this addendum is to answers questions submitted during the “RFQ Questions” open period. All other terms and conditions given in the RFQ are in full effect.

AMENDMENTS TO RFQ:

The first sentence of Section 3, QUALIFICATIONS SUBMITTAL REQUIREMENTS shall be updated to read as follows:

‘The Respondent shall submit **ten (10)** copies of their qualifications in a sealed envelope/box along with one digital version of the qualification (in PDF format) in the submission to the Town.’

QUESTION & ANSWERS

Q1: Is the Town open to the work being completed remotely, or does the Town prefer a firm that could work on site?

A1: Either is acceptable.

Q2: Page 8, #2a and 2c - Since you are asking for the same project information (scope, contact info, budget, schedule), is it acceptable to use the same project and contact for the similar experience (2a) and the similar project references (2c)? If not, please specify the differences in response you are looking for in 2a and 2c so that we can respond with what you want.

A2: Yes, the same projects and contacts can be used for both 2a and 2c.

Q3: Page 8, #4 Project Schedule - Does the Town have any schedule parameters we should consider when preparing our proposed project schedule (e.g. planned staff down time, funding timeframe, etc.)?

A3: The project is already fully funded, so the Town’s desire is to start as soon as possible.

Q4: Page 9, #8 Hourly Rates - Since this RFQ includes an “Additional Services” section (page 6) do you want hourly rates for all normal GIS related job categories or just the ones we propose to use for the requested work?

A4: The normal GIS related job categories will be fine.

Q5: Page 11, Minimum Engineering Credentials - Please clarify if licensure is required for services requested in this RFQ. If so, please state which RFQ task (1-7) requires licensure and what type of licensure is required (e.g. Engineering, Surveying, etc.).

A5: It will be the responsibility of the selected consultant to ensure they meet the minimum engineering credentials for this work.

Q6: Have the facility unique identifiers been added to the Esri datasets? And do they currently link to Innovyze?

A6: Yes, unique ID’s have been assigned in the ESRI datasets. They do not link to our Innovyze software, however the Innovyze software does contain the unique ID’s of those line segments contained within the model.

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Q7: Will the consultant be required to field verify the location of the assets involved in this project?

A7: No

Q8: There is mention that the laterals are not represented in GIS. Are they mapped within MapInfo and need to be converted to Esri or is this a field effort that the consultant will be performing to find the locations of such?

A8: Most of the Town laterals are not in GIS – neither MapInfo or ESRI ArcMap. This will not be a field exercise, but a desktop exercise. The selected consultant will use geoprocessing tools to populate lateral lines for each Town parcel that Finance bills for water or sewer respectively.

Q9: What version of ArcGIS is required for the deliverable?

A9: The Town is currently using ArcMap 10.4.1, but the selected Consultant shall be capable of delivering in a newer version if requested.

Q10: Which consultant provided the initial geometric networking to the current ArcGIS datasets?

A10: GIS Inc.

Q11: Has the sanitary sewer system been videoed? If so, what format are the files?

A11: Yes, the videos are in 'wmv' format.

Q12: Is there an GIS Data Available to review?

A12: Yes, the data can be downloaded at <ftp://pubfiles.townofcary.org/GIS/>

Q13: Reading the RFP it appears that the actual attribute updates will be completed by their staff and the vendor is just providing set schemas and workflows? Is this correct on the assumption?

A13: 'Yes' for new data; except for Task 3, where the consultant will need to attribute the 'Install Date' and 'Interceptor' fields. 'No' for existing data; the selected consultant will transfer the existing data from existing datasets into the improved datasets.

Q14: Task 4, Population of Lateral Lines - What accuracy will be needed and are the laterals already created or do we need field crews to verify underground utilities?

A14: The laterals are not represented in GIS, but they don't need to be field verified either. The selected consultant will work with the Town to determine the best way to procedurally generate the lateral lines.

Q15: For lateral line mapping, are tap locations to the mains known and/or linear referenced to the network? Is there also a cardinal direction tap orientation designator or known clock position information available?

A15: Some the lateral line tap locations are known, based on CCTV footage. The clock position is not typically noted.

Q16: Are property cleanout locations known?

A16: No, roughly 0.5% of the cleanouts are currently in GIS.

Q17: Task 5 - What accuracy will the water valve and hydrant valve data need to be collected?

A17: No data needs to be field collected. However, the GIS data needs to be corrected so hydrant valves and water valves are properly attributed as such.

Q18: Do the recommendations for future improvements include only software integration or future system expansion and maintenance? Will this plan need to be completed and reviewed by a Professional Engineer?

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A18: Only software, and review by a P.E. is not required.

Q19: With regard to the laterals for wastewater, water and reclaimed water, do record drawings or other source documents exist that show the routing of laterals?

A19: Yes, but not for the entire Town.

Q20: Do you have an estimate of what percentage of the system the Town would have source documents on the exact routing of laterals for each utility?

A20: Approximately 50% from record drawings. CCTV camera footage may provide slightly higher numbers.

Q21: Have service cleanouts and meter locations been located in the GIS and if so, do you have an estimate of how complete these datasets are?

A21: Service cleanouts are mostly not in GIS, with perhaps 0.5% having been located. Meter locations, on the other hand, have been located and should be close 100% located.

Q22: 1. What version of LGIM is the Town using? When was the migration from MapInfo to ArcGIS LGIM performed?

A22: 10.2.1, the migration started in 2015.

Q23: 2. In regard to covers for the SOQ – do you not desire a cover at all or just not a laminated cover that is not recyclable?

A23: A cover is fine, just if it's recyclable.

NOTE: Return with RFQ Package.

Failure to return the addendum with the RFQ may mean your proposal is deemed non-responsive and disqualified.

Company Representative Signature

Date