




# Memo

**Date:** May 25, 2018

**From:** Charles Rice   
Public Works Department  
City of Durham  
101 City Hall Plaza  
Durham, NC 27701

**Subject:** RFQ For Asset Management Program Addendum 1

I have received the following questions as follow-up to the advertisement and attempted to answer them below.

If I have not fully answered your question or you require more information please contact [Charles.rice@durhamnc.gov](mailto:Charles.rice@durhamnc.gov).

Sincerely,



Charles Rice, EI  
Public Works Department

St-288 RFQ for Asset Management Program

Addendum 1

Answers to selected questions

Issued 5/25/18

- How many bridges do you have in inventory?  
Approximately 600 structures throughout the county, including pedestrian bridges, overhead and cantilever signs, culverts et cetera. Part of the expected work will be to work with City staff and stakeholders to refine which structures will be included in the Program.
- What physical assets are you interested in locating?
  - Columns? Bridge corners?  
At a minimum. Bridge corners and superstructure extrema. As budget permits, substructures as well.
- What current GIS data do you have?  
Some GIS data is understood to be available for all extant structures. At minimum, structure type and location. Some structures have more extensive information, including, for example, “along” and “over” data, year built, year repaired, et cetera. Part of the work is expected to include refining and determining deficient data types.
- Are as-builts available for all structures?  
Many, but not all, and should not be expected to be found.

1. Can you please send Attachment B, as it wasn't included with the RFQ?  
Appended to project website
2. How many vehicular bridges does the City own?  
See above and appended document “Bridge Map Index Key”
3. How many pedestrian bridges does the City own?  
See above and appended document “Bridge Map Index Key”
4. Can we have one or two example Bridge Inspection Reports, including the SI&A sheet, in the form in which they are submitted by others to the City of Durham?  
See “Example Bridge Inspection Report” as appended to website. This is typical of data the city receives.
5. Is the intent for consultant to compile the inventory and associated data or identify the process for others to implement?  
Consultant should expect to first identify process as a task order and then to potentially begin compilation as budget allows.

Does the “Cover Letter With Proposal” section count in the five page limit?

No.

1. Does the City anticipate system integration requirements with internal or external systems (such as NCDOT bridge asset system) for the GIS tools developed under this procurement?  
Currently the City neither uses nor desires to use the NCDOT WIGINS system.
2. Will the City provide additional details on the existing GIS database? What version of Arc do you currently use? Does the City have a current data set that includes all bridges? If so, what attributes does it contain?  
City currently uses Arc 10.1. See above for other information.
3. How many bridges are currently under City management?  
See above.

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4. Does the City anticipate a need for a mobile data collection solution to facilitate maintenance work in the field?  
**Not at present. This would likely be accomplished through a separate RFQ.**
- The RFQ states that the scope of work “requires a firm to advise and assist City staff with the development of an asset management program”. Does the City have a preference of purchasing a commercial off the shelf product verses having a custom solution developed?  
**City wishes to utilize existing GIS software as much as possible. If further solutions are required, Consultant will be expected to present alternatives for either Commercial or custom solutions.**
- Does the City prefer a cloud-based or an on premise solution for the bridge management system?  
**Cloud-based.**
- Are there existing software systems this solution needs to interact with in the City (i.e. work order, construction management system, financial system)?  
**City does not wish to utilize either existing work order or CM systems. Solution may need to generate base level (account number or equivalent) data for financial systems.**
- How many city staff are expected to be using the asset management solution?  
**Unlikely to exceed five (5) at a time.**
- The RFQ states that the City “wishes to integrate and compile inventories and reports of all bridge structures”.
  - What is the approximate number of bridges inventoried?  
**See above**
  - Does the City have a comprehensive list of city maintained structures (over 20’ and under 20’) or will some field data collection be necessary?  
**See above. City understands that some field data collection is likely inevitable.**
  - Will structures owned and maintained by railroads, NCDOT, or under private ownership be part of the analysis or just City maintained bridges?  
**Analysis should account for NCDOT bridges. Rail and private structures will not be studied, but system should be scalable to account for future additions.**
- The RFQ further states “The Program will be based on results from biennial NBIS inspections”.
  - Does the City have NBIS bridge inspection reports for city maintained structures?  
**See attached example.**
  - If we need to perform inspections, how many bridges will need to be inspected?  
**Inspections required will not exceed given data and are not expected to exceed cursory information.**
  - Will this be the only source of data or are there other inspections that have been performed?  
**No other data sources exist.**
  - If other inspections were performed, what format is the data currently in? Digital, hard copy? Who collected this data, the City, NCDOT or a contractor?  
**N/A**

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- Will the project include all structures under city maintenance including bridges and culverts carrying commuter traffic and pedestrian bridges or just vehicular bridges at this time?

See above.

Regarding the "GIS Package," is the City using a specific software program to store your infrastructure asset management data? If yes, can I have the name of the software? Are you looking to store the bridge physical information in the GIS package as metadata?

See above. Yes, as metadata.

If no, are you open for the project to recommend a Bridge Management Software?

City is interested to hear alternative solutions in the interest of Value Engineering.