

ADDENDUM No. 1

RFP No. 23-57

WATER DISTRIBUTION PLAN & MODEL UPDATE

Due: November 1, 2023 by 3:00 p.m. (local time)

The information contained herein shall take precedence over the original documents and all previous addenda (if any) and is appended thereto. **This Addendum includes twelve (12) pages.**

The Proposer is to acknowledge receipt of this Addendum No. 1, including all attachments in its Proposal by so indicating in the proposal that the addendum has been received. Proposals submitted without acknowledgement of receipt of this addendum may be considered non-conforming.

The following forms provided within the RFP Document should be included in submitted proposal:

- Attachment C – City of Ann Arbor Non-Discrimination Declaration of Compliance
- Attachment D - City of Ann Arbor Living Wage Declaration of Compliance
- Attachment E - Vendor Conflict of Interest Disclosure Form of the RFP Document

Proposals that fail to provide these completed forms listed above upon proposal opening may be rejected as non-responsive and may not be considered for award.

A pre-proposal meeting was held on October 17, 2023. A copy of the presentation is included in the attached pages.

I. CORRECTIONS/ADDITIONS/DELETIONS

Changes to the RFP documents which are outlined below are referenced to a page or Section in which they appear conspicuously. Offerors are to take note in its review of the documents and include these changes as they may affect work or details in other areas not specifically referenced here.

Section/Page(s)	Change
Page 8	Remove: "Expected City Council Authorizations February 2023" Replace with: "Expected City Council Authorizations February 2024"

II. QUESTIONS AND ANSWERS

The following Questions have been received by the City. Responses are being provided in accordance with the terms of the RFP. Respondents are directed to take note in its review of the documents of the following questions and City responses as they affect work or details in other areas not specifically referenced here.

Question 1: **Based on the 2015 level of service update effort, please verify that you do not expect full public engagement for this project.**

Answer 1: Since this project is not looking to update level of service goals, the city does envision a robust engagement effort for this project. At minimum, the city will be looking for informational documents, videos, website updates, etc. to inform public of the project and it's findings. Please refer to item 25 in the RFP for further information.

Question 2: **Will this proposed work address and achieve Act 399?**

Answer 2: Yes.

Question 3: **Does the City have a one-to-one relationship with GIS pipes versus the model pipes?**

Answer 3: No - the City desires the assistance of the consultant to help with this and make recommendations for maintaining the model moving forward.

Question 4: **Where can the City's Water Pressure policy be found?**

Answer 4: This policy is located in Appendix A of the [Public Services Area Rules and Regulations](#).

Question 5: What are the expectations on the InfoWater Pro training needs?

Answer 5: The goal is for up to four (4) city staff to be trained on using the basics of the model/software as well be able to update the model with future water main improvement projects (ie. pipe updates).

Question 6: **What are the calibration tolerances that need to be met?**

Answer 6: The City will be looking for guidance and recommendations for calibration tolerances.

Question 7: **Is it possible to have the due date for proposals extended to November 15th instead of November 1st?**

Answer 7: No change to proposal due date.

Offerors are responsible for any conclusions that they may draw from the information contained in the Addendum.

Pre-proposal meeting

Water Distribution Plan & Model Update

October 17, 2023



Project Objective

The City of Ann Arbor, Michigan, is seeking proposals from qualified consultants to update the City's water distribution comprehensive plan and hydraulic model. Such a plan is intended to be used to strategically plan and budget for improvements to ensure a sustainable water distribution system for current demand, future growth, and emergency situations.



Proposal Schedule

The following is the schedule for this RFP process.

Activity/Event

Written Question Deadline
Addenda Published (if needed)
Proposal Due Date
Tentative Interviews (if needed)
Selection/Negotiations
Expected City Council Authorizations

Anticipated Date

October 20, 2023, 5:00 p.m.
Week of October 23, 2023
November 1, 2023, 3:00 p.m. (Local Time)
Week of November 27, 2023
December 2023
February 2024

The above schedule is for information purposes only and is subject to change at the City's discretion.



Proposal Submittals

- Each respondent must submit in a sealed envelope
 - one (1) original proposal
 - three (3) additional proposal copies
 - one (1) digital copy
- The fee proposal and all costs must be separate from the rest of the proposal.
- Work plan shall define resources needed for each task (title and person hours) and the firm's staff person completing the project task.



General Information

Ann Arbor Water System

- 125,000 customers (includes portions of Ann Arbor Twp and Scio Twp)
- 5 major pressure districts (along with few areas of reduced pressure zones)
- 4 remote pumping stations, 2 elevated tanks, 3 underground storage tanks, 1 ground storage tank
- 460 miles of water main (up to 30" diameter)
- Last comprehensive plan completed in 2010



Hydraulic Model

- InfoWater 12.4 (Innovyze/Autodesk)
- Full pipe model (excludes short hydrant leads)
- Last calibrated in 2010
- Kept updated with system improvements (e.g. water main extensions, replacements)
- Demands updated with 2019 (pre-COVID) billing data



Scope of Services

- Update water distribution comprehensive plan and hydraulic model
 - Recommend CIP projects to meet current and future demands
- Re-calibrate/update model
 - Leverage city's AMR data (hourly reads)
- Migrate to InfoWater PRO
 - All consultant analysis shall be done in InfoWater
- Familiarize with historical studies/effort
- Future conditions modeling
 - City Planning Department underway with Comprehensive Land Use Plan
 - University of Michigan separation (incorporate recommendations from 2021 study)



Scope of Services (continued)

- Evaluate existing pressure districts (consolidation?)
 - Future reduced pressure zone areas for ultimate build-out?
- Leverage historical fire department hydrant flow test data
 - Open boundary valves, closed valves, calibration, etc.
- Review 2015 LOS goals for future update effort
 - This project not visioned for comprehensive LOS study
- Review/validate existing Capital Improvement Plan projects
- Review/update emergency planning operations (from 2010 comp plan)
 - Focus being on ability to supply distribution system with raw water supply lines



Optional Tasks

- As-needed modeling support (3-yr period)
 - Provide fee schedule
- Risk model software evaluation
 - Lead effort to identify & evaluate 3 (minimum) software packages to replace city's current risk model (access database)
 - Develop ranking system and recommendation
 - Any software cost fees not to be include





Questions?

