



City Clerk Document No. _____

City Council Meeting Date: March 27, 2025

**AMENDMENT TO CITY OF CHANDLER AGREEMENT
LEAD AND COPPER RULE REVISIONS PROGRAM IMPLEMENTATION
CITY OF CHANDLER AGREEMENT NO. 4674**

THIS AMENDMENT NO. 2 (Amendment No. 2) is made and entered into by and between the City of Chandler, an Arizona municipal corporation (City), and Hazen and Sawyer, P.C., (Contractor), (City and Contractor may individually be referred to as Party and collectively referred to as Parties) and made _____, 2025 (Effective Date).

RECITALS

WHEREAS, the Parties entered into an agreement for lead and copper rule revisions program implementation services (Agreement); and

WHEREAS, the term of the Agreement was 304 calendar days from the notice to proceed date of October 9, 2023; and

WHEREAS, the term of the Agreement was extended through August, 8, 2025 through Addendum No. 1; and

WHEREAS, the Parties have determined that it is necessary and desirable for the Consultant to perform additional services for the City under the terms and conditions set forth in this Amendment No. 2 and the Agreement.

AGREEMENT

NOW THEREFORE, the Parties agree as follows:

1. The recitals are accurate and are incorporated and made a part of the Agreement by this reference.
2. Section III is amended to read as follows: The Agreement is extended through December 31, 2025.

3. Section IV, Price is amended to read as follows: The City will pay the Contractor the per unit cost set forth in Revised Exhibit B of the original Agreement, attached to and made a part of this Amendment No. 2. Total payments made to the Contractor during the term of this Amendment No. 2 will not exceed \$157,865.
4. Exhibit A of the Agreement is amended, the Consultant's services are modified as described in Exhibit "A" attached to and made part of this amendment by reference.
5. All other terms and conditions of the Agreement remain unchanged and in full force and effect. If a conflict or ambiguity arises between this Amendment No. 2 and the Agreement, the terms and conditions in this Amendment No. 2 prevail and control.

IN WITNESS WHEREOF, the Parties have entered into this Amendment on the Effective Date.

FOR THE CITY

By: _____

Its: Mayor

FOR THE CONTRACTOR

By: 

Vice President

Its: _____

APPROVED AS TO FORM:

By: _____

City Attorney



ATTEST:

By: _____

City Clerk

EXHIBIT A SCOPE OF SERVICES

Scope of Services

The purpose of this scope of services is to complete additional work effort as part of the City of Chandler's (City's) ongoing Lead and Copper Rule Revisions (LCRR) Program Implementation. In October 2024, the USEPA released the Final Lead and Copper Rule Improvements (LCRI) which is intended to build upon initial LCRR requirements by ensuring all lead service lines (LSLs) and galvanized requiring replacement (GRR) are replaced within a 10-year period. The LCRI was finalized in October 2024 and has a baseline inventory deadline in November 2027. The LCRI compliance deliverables include the following:

- November 2027 Deliverables
 - LCRI Baseline Inventory
 - Service Line Replacement Plan
- December 2028 – 2037 Annual Updates
 - Service Line Inventory
 - Revised List of Compliance Sample Sites
 - Annual Notification and Service Line Material Information and Certification
- December 2030
 - Audit for 3% Replacement Rate
- December 2034 Deliverables
 - Non-Lead Validation at 95% Confidence Level
- December 2037 Deliverables
 - 100% Unknown Service Line Verification
 - 100% LSL and GRR Replacement

The City's goal is to field verify all required lead status unknown service lines in the distribution system within one year. This scope of work is to support the City in the interim period prior to the LCRI deadline in 2027. Following the initial inventory deadline of the LCRR in October 2024, the City of Chandler (City) had approximately 26,000 lead status unknown service lines remaining.

To streamline effort, the City has requested support from Hazen and Sawyer (Hazen) for third-party field work data collection and management. The City will hire field work vendors through a separate contract. Hazen will develop a data management system for lead status unknown service line field verification and update the LCRR initial service line inventory with field work findings. To begin this, Hazen will build out applications including Field Maps, a QC Dashboard, and a Field Verification Tracking Dashboard. Hazen provide data management tools for the City to assign field work to contractors in order to make continued progress toward the City's goal. Once all accessible sites are complete, Hazen will work with the City to plan for advanced field verification efforts that may involve excavation on private property. Finally, Hazen will assist with a one time update to 120Water in October 2025 and quarterly updates to the City's public facing web map.

This amendment documents the changes in scope to Agreement No. 4674, dated September 26th 2023. These scope elements shift the focus of work to field verification of lead status unknown service lines.

Task 1: Project Management and Meetings (task completed)

Task 2: Regulatory Coordination (task completed)

Task 3: Service Line Identification Action Plan (task completed)

Task 4: Service Line Inventory Updates (task completed)

The following new tasks are added:

Task 5: Project Management and Meetings

Task 6: Field Work Data Management

Task 7: 120 Water Inventory Updates

Task 8: Owners Allowance

Task 5: Project Management and Meetings

Hazen will provide project management services throughout the project, including preparation of billing statements, document control, record keeping, and project budget and schedule tracking. Hazen will also track project performance including budget and schedule, identify any outstanding issues, and hold progress meetings/conference calls with City staff, as necessary.

Project Kick-Off Meeting: Hazen will conduct a 1-hour virtual kickoff meeting with the City to introduce our project team, establish lines of communication, review LCRR and LCRI requirements, and review the scope of services and project schedule. All City staff involved in the compliance effort are encouraged to attend the kickoff meeting.

During the kickoff meeting, Hazen will verify the City's LCRR team participants, needs, and schedule.

Monthly Progress Meetings: Hazen will coordinate with the City throughout the duration of the project. Coordination meetings will be held between the Hazen staff and the City's Project Manager and staff, as needed (up to 10).

Progress Reports: Project progress will be summarized each month in invoice progress reports.

Deliverables:

- Kickoff Meeting – agenda, slides, action items, and key takeaways
- Meeting minutes for monthly project progress meetings, which will be billed monthly
- Monthly progress reports, which will be billed monthly for those that occurred in that month.

Assumption:

- Conduct a kickoff meeting and virtual monthly progress calls, as needed, during a project duration (estimated at 10 months).

Task 6: Field Work Data Management

Hazen will develop a Field Maps app to directly integrate field verification findings into the Lead Service Line Inventory Database. The Field Maps app will cover the service line verification points as required by ADEQ. Service line sites may be assigned to separate Contractor(s) or City personnel, as desired, within the app platform. Additionally, a Field Verification QC Dashboard will be developed for City review of service line field verification submissions from the Field Maps app.

Hazen will host one training session for Contractor(s) and/or City staff focusing on the Field Maps app.

During the project, Hazen will coordinate with the Contractor(s) for requests on data management. As needed, Hazen will work to ensure streamlined data collection from the Contractor(s) and provide note sections for City staff/Contractors to further coordinate on site-specific challenges.

Deliverables:

- Field Maps App City Staff Training.

- Field Verification Mobile App.
- Field Verification QC Dashboard.

Assumptions:

- The Field Verification Mobile App will be developed through ArcGIS Field Maps app available in the Apple and Google Play app stores.
- City staff will perform QC of field verification data. Hazen's scope is limited to providing the app and training.
- City will handle day to day coordination with field verification contractors including site assignments to the contractor.
- City will perform the public notifications needed before and after field work.

Task 7: 120Water Inventory Updates

Throughout the field work and indirect method application, Hazen will update the LSL Inventory to provide an estimated quantity of remaining unknowns.

Hazen will prepare an updated inventory template and upload directly into 120Water on a quarterly basis. The updated inventory will then be reflected, per 120Water's update frequency, in the City's public-facing web map. All required fields will be included in each inventory template.

Deliverables:

- 120Water Inventory Template

Assumptions:

- The 120Water Inventory update will not address the LCRI requirements and will not include an inventory revision for lead connectors, or other LCRI-specific inventory parameters.
- One revision to the 120Water Inventory following the upload will be provided, if minor adjustments are needed to less than 50 service lines.
- Up to four (4) inventory updates to the public-facing ArcGIS web map and 120Water will be provided over the project duration of 12 months.
- Inventory updates are planned for quarterly, but the frequency may be adjusted to ~25% of unknown reduction for each milestone, e.g., 25% less, 50% less, 75% less, and 100% less unknowns, in comparison to the October 16, 2024 inventory.

Task 8: Owner's Allowance

This task may be utilized at the Owner's written consent and may include additional support for field verification direct or indirect methods, data management, or regulatory coordination.

REVISED EXHIBIT B FEES

Fee

Task 1	Project Management	\$12,795
Task 2	Regulatory Coordination	\$31,880
Task 3	Service Line Identification Action Plan	\$95,990
Task 4	Service Line Inventory Updates	\$53,000
Task 5	Project Management and Meetings	\$13,795
Task 5.1	Project Management/Project Execution Plan/Meetings	\$13,795
Task 6	Field Work Data Management	\$90,070
Task 6.1	Prepare Database, App, and Dashboards	\$64,720
Task 6.2	Host App Training	\$4,350
Task 6.3	Contractor Coordination/Support	\$21,000
Task 7	120Water Inventory Updates	\$34,000
Task 7.1	Inventory Updates	\$34,000
Task 8.1	Owner's Allowance	\$20,000
ODC	Expenses (travel, reprographics, etc)	\$500
Original Scope Tasks 1-4 Fee + ODC		\$194,165
Change Order Tasks 5-8		\$157,865
All Tasks		\$352,030