

CHEROKEE NATION

REQUEST FOR SEALED PROPOSAL

**WATER & WASTEWATER
INFRASTRUCTURE**

COMPREHENSIVE GIS DASHBOARD



**Acquisition Management
On behalf of the
Office of Environmental Health & Engineering (CN-OEHE)**

CHEROKEE NATION
P.O. Box 948
Tahlequah, OK 74465
(918) 453-5000

REQUEST FOR PROPOSAL (RFP) WATER & WASTEWATER INFRASTRUCTURE COMPREHENSIVE GIS DASHBOARD

Introduction:

The Cherokee Nation is the federally recognized government of the Cherokee people and thereby has sovereign status granted by treaty and law. Tribal sovereignty is the right to self-governance. The seat of tribal government is the W.W. Keeler Complex near Tahlequah, Oklahoma, capital of the Cherokee Nation. The jurisdictional area of the Cherokee Nation (hereinafter referred to as Nation) covers 14 counties in Northeastern Oklahoma.

Cherokee Nation Department of Transportation & Infrastructure (CNDOT) offers programs to improve the quality of life for Indian families and communities by assisting with needs like sanitation, transit and transportation, water and environmental while maintaining cultural sensitivity and encouraging citizens to be productive and self-sufficient. The Engineering Program provides engineering design and technical assistance for water, wastewater and solid waste projects. Services provided include design and construction of individual and community water and sewer systems, solid waste clean-up activities, plans, specifications, and topographical surveying. Sanitation facilities construction installation inspections are also provided under this program.

The Nation is requesting sealed proposals from interested, qualified companies to develop and implement a water and wastewater infrastructure comprehensive GIS dashboard. Complete information regarding the scope of work and specifications are provided in the Request for Proposal (RFP). The Cherokee Nation reserves the right to award to multiple offerors.

The Nation will be accepting sealed proposals from Indian and Non-Indian parties. Indian preference will be given only to responding parties who provide proof of current certification from the Cherokee Nation Tribal Employments Office (TERO) located in Tahlequah, Oklahoma, telephone number (918) 453-5000. Indian preference will be applied in accordance with Cherokee Nation Acquisition Management Policy and Procedures. Proof of TERO certification must accompany and be included in proposal submittal.

General Information:

Purpose of the Request for Proposal (RFP): The NATION, is soliciting detailed, sealed proposals from contractors interested in providing services as outlined in this RFP for the NATION. The complete scope of work and specifications are included in this RFP.

Business License Requirement: All contractors must have a valid Oklahoma Business License prior to award of contract.

Other Licenses and Registrations Requirement: All contractors are required to hold any and all necessary applicable professional licenses and registrations required by law. Proof of professional licenses is required with the proposal. Obtaining and ensuring compliance to all licensing and registering requirements is the complete responsibility of the contractor.

TERO CERTIFICATION & INFORMATION: Indian preference will be given only to responding parties who provide proof of current certification from the Cherokee Nation Tribal Employments Office (TERO) located in Tahlequah, Oklahoma, telephone number (918) 453-5000. Proof of TERO certification must accompany and be included in sealed proposal submittal.

TERO requirements apply to award of contract. Successful bidder must complete required TERO paperwork and pay all applicable fees in accordance with current TERO Legislation for this project.

Please direct any questions for Cherokee Nation Tribal Employment Rights Office (T.E.R.O.) in written format by deadline, **September 25, 2026 by 5:00 p.m.** to email michelle-parsons@cherokee.org as specified in this RFP. These questions will be addressed by TERO and included in any addendum issued by **September 30, 2026 by 5:00 p.m.** on the website www.cherokeebids.org with bid announcement.

Conflict of Interest and Restrictions: If any contractor, contractor's employee, subcontractor, or any individual working on the proposed contract may have a possible conflict of interest that may affect the objectivity, analysis, and/or performance of the contract, it shall be declared in writing and submitted to Cherokee Acquisition Management (Attn: Michelle Parsons) no later than **September 25, 2026**. The NATION will determine in writing if the conflict is significant and material and if so, may eliminate the contractor from submitting a proposal.

Verbal Instructions: Interested parties shall not initiate or execute any negotiation, decision, or action arising from any verbal discussion with any Cherokee Nation employee. Only written communications from the designated Contact Person at Cherokee Nation may be considered a duly authorized expression on behalf of the NATION regarding this RFP. Additionally, only written communications from interested parties are recognized as duly authorized expressions on behalf of the vendor. The same instructions shall apply to any subsequent award and agreement communications.

Contact Person: Any additional information required or questions regarding this RFP should be submitted, by specified deadline, in written format only to:

Cherokee Acquisition Management
Michelle Parsons
michelle-parsons@cherokee.org

Contractor's Review and Questions: Contractor's should carefully review this RFP for errors, questionable or objectionable materials, and items requiring clarification. Contractor's shall put these comments and/or questions in writing and submit them to the Cherokee Acquisition Management (Attn: Michelle Parsons) no later than **September 25, 2026 by 5:00 p.m.** at email michelle-parsons@cherokee.org.

Addendum to the RFP: The NATION reserves the right to issue written addendums to revise or clarify the RFP, respond to questions, and/or extend the due date of proposals. Any and all such interpretations and any supplemental instructions will be in the form of written addenda, and will be posted on the Nation's bid website www.cherokeebids.org with bid announcement no later than **September 30, 2026 by 5:00 p.m.** No interpretation of the proposal specifications will be made to any interest party orally. Failure to receive any issued addendum or interpretation shall not relieve responding party from any obligation contained in submitted proposal. All addenda so issued shall become part of the contract documents.

Sealed Proposals must be received no later than 5:00 p.m. on October 09, 2026. Any and all costs to submit proposals are the responsibility of the offeror. The sealed proposals must be mailed or hand delivered, as long as **one (1) clearly marked, single sided original and five (5) copies and a key drive are physically received by Michelle Parsons no later than October 09, 2026 by 5:00 pm CT.** Any proposal received after the time and date will not be considered and will be returned unopened. Cherokee Nation reserves the right to reject any and all proposals. Cherokee Nation reserves the right to determine if a proposal meets stated requirements. Award will be made subject to availability of funds. No offeror may withdraw their proposal within 180 days after proposal due date.

Cancellation of the RFP: The NATION retains the right to cancel, modify or amend the RFP process at any time, at the NATION's sole discretion. The NATION shall not be responsible for costs incurred by contractors for proposal preparation.

Proposal Withdrawal and Correction: A proposal may be corrected or withdrawn by a written request received prior to the date of opening proposals.

Multiple Proposals: The NATION shall not accept multiple proposals from the same contractor.

Disclosure of Proposal Contents: A proposal's content shall not be disclosed to other contractors.

Retention of Proposals: All proposals and other material submitted become the NATION's property and may be returned only at NATION's option.

Cost of Proposal Preparation: Any and all costs incurred by contractor's in preparing and submitting a proposal are the contractor's' responsibility and shall not be charged to the NATION or reflected as an expense of the resulting contract.

Delivery of Proposals: NATION assumes no responsibility or liability for the transmission, delay, or delivery of proposals by either public or private carriers.

Media Announcements: Any and all media announcements pertaining to this RFP require the NATION's prior written approval.

Other Governmental Requirements: It is the responsibility of the contractor to indicate within their proposal the applicability of any other federal, state, municipal, or other governmental statutes, regulations, ordinances, acts, and/or requirements.

Qualification of Responding Party: The Nation may make such investigations as deemed necessary to determine the ability of the responding party to perform the work. The responding party shall furnish to the Nation all such information and data for this purpose upon request. The Nation reserves the right to reject any proposal if the evidence submitted by, or investigation of, such responding party fails to satisfy the Nation such responding party is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein. Conditional proposals will not be accepted.

Binding Contract: This RFP does not obligate the NATION or the selected contractor until a contract is signed and approved by both parties. If approved, it is effective from the date of final approval by the Contracting Officers. The NATION shall not be responsible for work done, even in good faith, prior to final approval of the proposed contract.

Concerns with the Special or General Provisions: If a contractor has concerns with either the Special or General Provisions, they should put their comments and/or questions in writing and submit them to Cherokee Acquisition Management (Attn: Michelle Parsons) no later than **September 25, 2026 by 5:00 p.m.** This will allow time for an addendum to the RFP to be issued, if required, to all recipients of the initial RFP.

The NATION reserves the right to not award or to cancel the award of a contract to a contractor who will not agree to all of the Special or General Provisions of said contract. It is the intent of the NATION to utilize only the NATION'S terms and conditions for any subsequent agreement based on award from this RFP.

An award for this project will be made subject to available funding. Firms are cautioned that proposals should be submitted initially on the most favorable terms, from both a technical and cost standpoint.

Governing Laws and Contract: The Cherokee Nation will make this RFP and the successful Contractor's proposal a part of the contract. This RFP and any subsequent contract and related documents shall be construed under the laws of the United States and where applicable, the Cherokee Nation. Nothing in this RFP, any subsequent documents or contract or related documents shall be construed as a waiver of limitation upon the Nation's sovereign immunity. To the extent this statement is found to be inconsistent with any other language in this RFP or any subsequent document or contract or related document, this statement shall control. This statement shall survive the completion or termination of any subsequent contract. In the event of any dispute which may affect this Agreement, the Contractor agrees the Agreement shall be governed by the laws of the United States, and where applicable, the laws of the Cherokee Nation. The Cherokee Nation will make the final decision on the contract format to be utilized for any award(s) under this procurement. There will be no Arbitration, Mediations or Indemnification clauses, and the Nation will not waive sovereign immunity. By submitting a proposal in response to this RFP, the Contractor agrees to these terms and conditions.

Additional Terms and Conditions: The NATION reserves the right to include additional terms and conditions during contract negotiations. However, these terms and conditions must be within the scope of the original RFP and will be limited to price, clarification, definition, and administrative and legal requirements.

Contract Negotiations: Upon completion of the evaluation process, contract negotiations may commence. If the selected contractor fails to provide the necessary information for negotiations in a timely manner, negotiate in good faith, or cannot perform the contract for any reason, including completion of the project within the amount of funds available for the project and/or as proposed, the NATION may terminate negotiations and negotiate with the next highest ranked contractor, or terminate award of the contract. The NATION shall not be responsible for costs incurred by the contractor resulting from contract negotiations.

Terms and Conditions

Acceptance of Conditions Governing the Procurement: Vendors must indicate their acceptance of conditions governing this procurement in their cover letter.

Acceptance of Business Associate Agreement: Vendors must indicate willingness to establish agreement should it be necessary to access protected health information.

Incurring Cost: Any costs incurred by the vendor in preparation, transmittal, or presentation of any proposal, or material submitted in response to this RFP shall be borne solely by the vendor. The vendor is responsible for all costs associated with travel for on-site demonstrations upon the Nation's request.

Amended Proposals: Any vendor may submit an amended proposal before the deadline for receipt of proposals. Such amended proposals must be complete replacements for a previously submitted proposal and must be clearly identified as such in the transmittal letter.

Proposal Offer Firm: Responses to this RFP, including proposal prices, will be considered firm for 180 days after the date of receipt of the proposal.

Proprietary Information: Any restriction on any data included in any proposals must be clearly stated in the proposal itself. Each and every page of the proprietary material must be labeled or identified with the word "PROPRIETARY".

Vendor's Right to Withdraw Proposal: Vendors will be allowed to withdraw their proposals at any time prior to the deadline for receipt of proposals. The vendor must submit a written withdrawal request addressed to Michelle Parsons, at michelle-parsons@cherokee.org.

Location of Services: 14 county jurisdictional area of the Cherokee Nation in northeast Oklahoma.

Term of Proposed Contract: The NATION anticipates establishing a contract with a performance period starting from date of last signature to fully execute the agreement with the firm ending date of September 30, 2027.

General Responsibility: The successful contractor will provide all necessary tools, equipment, parts, supplies, labor and supervision to provide the services as outlined in this RFP scope of work.

Contractor's Compensation: Compensation to the contractor shall be based on specific price and/or rates identified in the Contractor's proposal, as negotiated. This shall include any proposed subcontractor pricing.

Subcontracts: Contractor is solely responsible for fulfillment of the contract terms. NATION will make payments only to the Contractor. Contractor must identify in response to this RFP any subcontractors that may perform services on the project. Except for those subcontractors identified by the Contractor in response to the RFP, Contractor shall not subcontract any portion of the services to be performed under this contract without prior written approval of NATION. The NATION reserves the right to approve or disapprove any subcontractors.

Contractor shall notify NATION no less than ten (10) days in advance of its desire to subcontract and include a copy of the proposed subcontract with the proposed subcontractor. Any subcontract must be in writing and contain provisions consistent with the Contractor's obligations pursuant to this contract.

Approval of any subcontract shall not obligate NATION the subcontractor against NATION or its agents, employees, representatives, directors, officers, successors or assigns.

The Cherokee Nation, in giving such acceptance, assumes no responsibility in connection with the terms of the subcontract and their performance will be the responsibility of the Contractor. All sums due to any suppliers must be paid or will be paid within ten (10) days of receipt of any money received from the Cherokee Nation under any executed Agreement.

Debarment, Suspension, Proposed Debarment, and Other Responsibility Matters: The responding party certifies to the best of its knowledge and belief that the person, the firm, or any of its principals are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency or Indian tribe. The bidder will also certify they have not, within a three-year period preceding this Request for Proposal, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, Local or Tribal) contract or subcontract; violation of Federal or State antitrust statutes relating to the submission of offers; or commissions of embezzlement, theft, forgery, bribery, falsifications or destruction of records, making false statements, and are not presently indicted for, or otherwise criminally or civilly charged by a governmental entity with, commission of any of the offenses enumerated in this provision. The responding party certifies they have not, within a three-year period preceding this Request for Proposal, had one or more contracts terminated for default by a Federal, State, Local or Tribal agency.

DRUG AND TOBACCO FREE WORKPLACE:

- Any Contractor performing work for the Cherokee Nation agrees to publish a statement notifying all employees, subcontractors, and other workers that the unlawful manufacture, distribution, dispensing, possession or use of a controlled substance is prohibited in the Contractor's workplace and specifying the actions that will be taken against violators of such prohibition.
- The Nation will consider lack of enforcement or lax enforcement of the statement by Contractor a default of the contract.
- The Contractor further agrees to provide all persons engaged in performance of the contract with a copy of the statement.

- A copy of responding party's Drug Free Workplace statement shall be included with the proposal or else the successful responding party will be deemed to accept and agree to use the statement provided by Nation.
- The Contractor understands and recognizes that all Cherokee Nation buildings, whether leased or owned, and the grounds surrounding those facilities are considered by the Nation to be a tobacco free workplace. The Contractor will ensure all employees, subcontractors, and other workers will abide by this policy.

Indemnity and Insurance: The Cherokee Nation assumes no responsibility for negligent acts of either the offeror or their employees; therefore, the offeror is responsible for obtaining the insurance coverage the NATION considers appropriate. The offeror will keep harmless and indemnify the Cherokee Nation against any or all loss, cost, damage, claims, expense or liability for all acts related to quality care management and enforcement of this contract.

Following are the insurance requirements for this contract:

- General Liability, including premises/operations and products/completed operations
\$1,000,000 each occurrence/\$2,000,000 annual aggregate
Such policy will name Cherokee Nation as an additional insured and include a waiver of subrogation in favor of the Cherokee Nation.
- Professional Liability, covering professional services rendered under this contract.
\$1,000,000 each wrongful act/\$3,000,000 annual aggregate.
Professional Liability policies issued on a claims-made basis must include a three year extended reporting endorsement, in the event the coverage is cancelled or non-renewed by the contractor.
- Pollution Liability, including Hazardous Waste Operations
Each Claim/Per Occurrence \$5,000,000 and \$5,000,000 Aggregate.
Such Policy will name Cherokee Nation as an Additional Insured by endorsement and include a waiver of subrogation in favor of Cherokee Nation.
- Automobile Liability, including hired and non-owned auto
\$1,000,000 combined single limit
Such policy will name Cherokee Nation as an additional insured and include a waiver of subrogation in favor of the Cherokee Nation.
- Workers' Compensation – statutory to the State of jurisdiction
- Employers' Liability - \$500,000/\$500,000/\$500,000
Such policy will include a waiver of subrogation in favor of the Cherokee Nation

All coverage will be written with an AM Best "A X" rated carrier. Contractor will provide a certificate of insurance to the Cherokee Nation, evidencing coverage outlined above.

Availability of Funds: Any contract awarded as a result of this RFP is contingent on the appropriation of funds. A contract award may be terminated or reduced in scope if sufficient appropriations or authorizations do not exist. This vendor will be notified in writing of such terminations. The vendor will accept, as final, the Nation's decision as to whether sufficient appropriations and authorizations are available.

Legal Review: The Nation requires that all vendors agree to be bound by the general requirements contained in this RFP. Any vendor concerns must be properly brought to the attention of Michelle Parsons, Cherokee Nation Acquisition Management.

Governing Law: This RFP and subsequent agreements shall be governed by, construed, and enforced in accordance with the laws of the United States, and where applicable, the laws of the Cherokee Nation.

Contract Terms and Conditions: The contract between the Cherokee Nation and the vendor will follow the standard format of the Cherokee Nation.

Vendor's Terms and Conditions: Vendors must submit with the proposal a complete set of any additional terms and conditions that they expect to have included in a contract negotiated with the Cherokee Nation.

Right to Waive Minor Irregularities: The proposal evaluation committee reserves the right to waive minor irregularities. This right is at the sole discretion of the proposal evaluation committee.

The Nation reserves the right to determine a proposal acceptable in terms of meeting RFP requirements. The Nation reserves the right to accept or reject any and all proposals received and to negotiate with offerors regarding the terms of their proposals or parts thereof. The Cherokee Nation reserves the right to award a contract in the best interests of the Cherokee Nation.

Ownership of Proposals: All documents submitted in response to this RFP shall become the property of the Cherokee Nation. Responses received will be retained by the Acquisition Management Department.

Prompt Payment: The successful firm agrees to pay all sums due to subcontractors, laborers and material suppliers within ten (10) days of receipt of payment by the Cherokee Nation.

Review of Proposals

1. **Proposal Format:** Sealed proposals may be mailed or hand delivered, as long as one (1) clearly marked, single sided original and five (5) copies of the complete proposal are physically received by Michelle Parsons no later than **5:00 p.m. on October 09, 2026.**
2. **Table of Contents:** The proposal will have a table of contents with page numbers and pages numbered throughout the proposal (see specifics under Specifications Section).
3. **General Information:** Brief introduction which includes (see specifics under Specifications Section):
 - a. The contractor's name and address;
 - b. Statement that indicates the proposal is valid for at least 180 days from the proposal submission deadline;
 - c. Statement that indicates the contractor's willingness to perform the services described in this RFP;
 - d. Proof of qualifications: previous projects similar in size and scope with a contact name and number. **Minimum of three (3) are to be listed with contact information.**
 - e. A statement that all staff and other resources which are required to perform the services described in this RFP will be made available by your organization over the life of the anticipated contract;
 - f. Demonstrate staff capacity to achieve the project goals and capability.
 - g. Outline of costs.
 - h. Statement that the signatory has authority to bind the contractor; and
 - i. Signature of authorized individual.
4. **TERO CERTIFICATION:** Indian preference will be given only to responding parties who provide proof of current certification from the Cherokee Nation Tribal Employments Office (TERO) located in Tahlequah, Oklahoma, telephone number (918) 453-5000. Indian preference will be applied in accordance with Cherokee Nation Acquisition Management Policy and Procedures. Proof of TERO certification must accompany and be included in proposal submittal.
5. **Responsiveness:** Prior to evaluation, each proposal shall be reviewed to determine whether or not it is responsive. Nonresponsive proposals shall be eliminated and will not be evaluated. Factors that may result in a proposal being declared nonresponsive are:
 - a. Not providing evidence of meeting the Minimum Requirements.
 - b. Substantive and material conflicts of interest which were not declared and/or were declared and determined to be significant enough that the NATION requested the potential contractor not submit a proposal.
 - c. Substantive and material noncompliance to requirements of the RFP proposal submission guideline.
 - d. Not providing a price, if applicable.

6. Evaluation Process:

- The Nation will appoint a proposal evaluation committee;
- Vendor proposals must meet all mandatory specifications or they will be disqualified;
- The proposal evaluation committee will review all proposals received, determine if the mandatory specifications have been met, and, if so, score the proposals in accordance with the predefined scoring methodology;
- Composite scores will be developed summarizing the individual scoring efforts of each proposal evaluation team member;
- Vendors will be ranked by composite score;
- The vendor with the highest score will be selected.

7. Subsequent Requests for Additional Information. Clarification or Presentations:

The NATION reserves the right to request additional information, seek clarification, or ask for a presentation.

- 8. Evaluation Factors:** The following is a summary of the proposal evaluation factors and the point value assigned to each. These factors will be used in the evaluation of the individual vendor proposals. The evaluation factors are listed below and must be clearly stated and addressed and stated in the proposal. Points will be awarded on the basis of the following factors:

SPECIFICATIONS	POINTS
1. Qualifications	30
2. References/Past Record of Performance	30
3. Capacity and Capability	20
4. Cost	10
5. Indian Preference/TERO – Copy of Certification must be included in RFP	10
TOTAL	100

Notice of Award: After award of Contract, award information will be posted on the Nation's website www.cherokeebids.org with RFP announcement.

SCOPE OF WORK & SPECIFICATIONS PROVIDED BY OFFICE OF ENVIRONMENTAL HEALTH & ENGINEERING

Cherokee Nation is requesting proposals from qualified consulting firms for the development, deployment, and ongoing management of a Tribal Water Infrastructure Dashboard. This digital dashboard will serve as a centralized hub for water and wastewater infrastructure for the Cherokee Nation reservation. The dashboard will be built upon existing lead service line inventory data, drought resiliency data, publicly available data such as the EPA SDWIS and ECHO, internal Cherokee Nation GIS data and assets, Indian Health Service Sanitation Tracking and Reporting System (STARS) and partnerships established under the Wilma P. Mankiller and Charlie Soap Water Act (MSWA) framework.

The goal is to transform raw data from multiple water systems into actionable, real-time insights that allow Tribal administrators, system operators, and partner agencies to anticipate challenges, allocate resources efficiently, and protect water access for all Cherokee citizens from one centralized platform. The project will be implemented through five integrated phases:

Phase 1 – Discovery and Configuration

The consultant will work with Cherokee Nation staff and participating public water system operators to conduct a structured discovery process, including:

- Stakeholder interviews across Tribal departments, public water system operators, and other staff to define performance indicators related to drought resilience, compliance, and asset health
- Review of existing Cherokee Nation compliance tracking processes and tools
- Identification of dashboard users and associated permission levels.
- Setup of user-specific views for water system staff, Cherokee Nation staff, and consultant support teams
- Integration planning for GIS mapping layers from the Bureau of Reclamation drought study and prior noninvasive LSL inventory work
- Dashboard should have both internally and externally facing components. Externally facing dashboard will provide access to publicly available datasets as well as high level data deemed appropriate by Cherokee Nation.

Phase 2 – Dashboard Design and Development

Based on findings from the discovery process, the consultant will configure and deploy the Water Quality Dashboard. Initial features will include:

- Capacity Development assessments as well as water and wastewater infrastructure needs assessments for small public utilities
- Service Line Inventory Tracker: visual summary of inventory completeness by system, material classification breakdown (Lead, GRR, Unknown, Non-Lead), and verification method source

- Communications Manager: tracks delivery status of direct mail campaigns, surveys, and notification letters
- Regulatory Timeline Monitor: countdown tools and visual alerts for critical LCRR/LCRI dates and submission deadlines
- System Health Summary: snapshot overview of key metrics across all participating systems, including unknowns remaining, verification coverage, and potential funding needs
- GIS Integration: visual mapping layers developed under projects

Phase 3 – Data Integration and Quality Assurance

The consultant will connect field, sampling, and GIS datasets to enable real-time updates within the dashboard. Quality assurance processes will include:

- Validation of system-specific datasets prior to dashboard go-live
- Daily or weekly syncs with field activity updates and verification results
- Internal QA review and reconciliation of discrepancies in classifications or location data
- Crosswalk checks between system GIS, billing records, and platform entries
- Establishment of QA/QC protocols to ensure continuous accuracy and audit readiness

Phase 4 – User Training and Support

All dashboard users will receive hands-on onboarding and technical training, including:

- Live walk-through sessions for Cherokee Nation and participating system leads
- Step-by-step training and written reference guides
- On-demand support from the consultant's Customer Success team
- Integration of dashboard metrics into quarterly Tribal reports to promote adoption and effective use

Phase 5 – Optimization and Reporting

After the initial launch, the consultant will provide routine support to maintain dashboard integrity and continuously improve usability, including:

- Regular metric reviews with Cherokee Nation to refine dashboard views and filters
- Addition of new modules as LCRI guidance evolves.
- Incorporation of new datasets developed by Cherokee Nation.
- Custom reporting exports to assist with Tribal or federal grant reporting requirements
- Notification of any anomalies or system alerts that may affect compliance
- Establishment of a replicable model for other Tribal nations seeking to modernize water management systems

Deliverables:

- Fully configured Water Quality Dashboard integrated with existing platform and data systems
- Discovery Report and Configuration Plan
- GIS integration of mapping layers from Bureau of Reclamation drought study and LSL inventory projects
- Service Line Inventory Tracker with real-time classification data
- Sampling Progress Module covering all LCRR/LCRI sampling requirements
- Communications Manager tracking all direct mail campaigns and customer engagement
- Regulatory Timeline Monitor with automated compliance alerts
- System Health Summary dashboard across all participating public water systems
- User Access Management and Training Documentation
- Live onboarding sessions and written reference guides for all user groups
- Monthly Performance Report Template
- Public Transparency Dashboard accessible to community stakeholders
- Ongoing optimization support with quarterly reviews and feature enhancements
- Custom federal/Tribal reporting exports compatible with EPA, IHS, and DEQ requirements

Data sovereignty:

- Proposals shall comply with Executive Order 2024-07-CTH, *Executive Order on Data Sovereignty and Self-Governance, Improving the Nation's Cybersecurity, Development and Use of Artificial Intelligence and Establishing a Task Force*. The executive order can be found here: <https://www.cherokee.gov/media/2fkbwtpp/2024-07-cth-executive-order-on-data-sovereignty-and-self-governance.pdf>
- Dashboard and CN proprietary GIS data will be housed on CN internal servers.
- The consultant shall ensure Cherokee Nation retains continuous access, ownership, and control of all data, with data available in non-proprietary formats and full cooperation provided for data transfer, documentation, and transition to Cherokee Nation or a successor vendor.
- Third-party access or hosting of Cherokee Nation data requires prior written approval, with CN data remaining on CN-controlled infrastructure and prohibited from secondary use without authorization.