



**Utility Committee
Meeting Agenda
July 15, 2025
11:30 AM
Bentonville City Hall**

Call to Order

Pledge of Allegiance

Attendance

Approval of Minutes: July 1, 2025

I. New Business

1. **Monthly Update on Water Line Leaks** **Informational**
2. **Resolution Amending IFB-25-32 - IDIQ Water and Sewer Maintenance Work Agreement** **Resolution**
Staff requests a Resolution amending the 2025 budget and authorizing the Mayor and City Clerk to amend the IDIQ contract for Hickman Underground, LLC, increasing the amount by \$500,000.00. A budget adjustment is needed.
3. **Resolution to Enter Agreement with Olsson - 48" Water Main Relocation Construction Phase Services** **Resolution**
Staff request that the mayor and city clerk enter into an agreement with Olsson, Inc. for Amendment # 2, in the amount of \$2,089,769.00, for construction phase services for the 090512 ARDOT 48" Water Transmission Main Relocation project. No budget adjustment is needed.
4. **Resolution to Award Bid for ARDOT Project 090512 for the 48" Water Main Relocation Construction** **Resolution**
Staff requests council award bid IFB-25-52 to Garney Co. Inc. in the amount of \$15,308,195.00 for construction of a 48" Transmission Water Main associated with ARDOT project 090512 Hwy112 relocation. Garney Co. Inc. was the lowest bidder and was selected following the city solicitation process for bids. No budget adjustment is needed.
5. **Resolution to Enter an Agreement with Garver for Shewmaker Basin Design Amendment #1** **Resolution**

Resolution authorizing the Mayor and City Clerk to enter into an amended agreement with Garver Engineering in the amount of \$560,190.00 for final design of the Shewmaker Basin Phase 1 Interceptor Improvements. A budget adjustment is needed.



City of Bentonville, Arkansas Agenda Item Form

Item Details

Council Meeting Date:		Submitted By:	
Phone:		For Department(s):	
Email:			

Item Type (Check all that apply)

Informational	Bid Award	Enter into an Agreement	Change Order
Recognizing Funds	Budget Adjustment	Waiver of Bid	Emergency Clause
Ordinance	Resolution		Informational

Title, Recommendation & Justification

Title:	
Action Recommendation & Justification:	
Additional Comments for Consideration (Optional):	
Amount for Approval:	\$

Budget Impact

Is this Item Budgeted? YES NO ITEM HAS NO COST OTHER: _____

Budget Adjustment (to be completed by Finance when applicable)

Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue

Fund(s) Impacted

(check all that apply)

General Fund Utility Fund Street Fund Other(s): _____

Budget Impact Notes for Consideration (Optional):



CITY OF BENTONVILLE, ARKANSAS

Purchasing Department – 1000 SW 14th Street, Bentonville Arkansas 72712

City Hall – 305 SW A Street Bentonville, Arkansas 72712

AMENDMENT TO INVITATION FOR BID CONTRACT

This amendment (the “Amendment”), dated July 22, 2025 is made by the City of Bentonville, Arkansas (“City”) and Hickman Underground, LLC (“Contractor”), parties to the Invitation for Bid (IFB)-25-32 with Bentonville Water Department, for Indefinite Delivery – Indefinite Quantity (IDIQ) Water and Sewer Maintenance Work, dated April 22, 2025 (the “Agreement”).

1. The Original Agreement that was approved by City Council on April 8, 2025, in an amount not to exceed \$500,000 per year for each contract awarded.
2. The Agreement is Amended as follows:
3. The estimated total of payments for the contract is estimated to be \$1,000,000.00 per contract term.
4. This Amendment shall be effective immediately when fully executed.
5. Except as set forth in this Amendment, the Agreement is unaffected and shall continue in full force and effect in accordance with its terms. If there is conflict between this Amendment and the Agreement, or any earlier Amendment, the terms of this Amendment shall prevail.

THE CITY OF BENTONVILLE, ARKANSAS

BY: _____
Stephanie Orman, Mayor

DATE: _____

Company Name: _____

BY: _____

Name(printed): _____

DATE: _____



City of Bentonville, Arkansas Agenda Item Form

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Phone:		For Department(s):	
Email:			

Item Type (Check all that apply)

Informational	Bid Award	Enter into an Agreement	Change Order
Recognizing Funds	Budget Adjustment	Waiver of Bid	Emergency Clause
Ordinance	Resolution		Informational

Title, Recommendation & Justification

Title:	
Action Recommendation & Justification:	
Additional Comments for Consideration (Optional):	

Amount for Approval:	\$
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Budget Impact

Is this Item Budgeted? YES NO ITEM HAS NO COST OTHER: _____

Budget Adjustment (to be completed by Finance when applicable)

Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue

Fund(s) Impacted

(check all that apply)

General Fund

Utility Fund

Street Fund

Other(s): _____

Budget Impact Notes for Consideration (Optional):

City of Bentonville, Arkansas

City Hall

305 SW A Street Bentonville, AR 72712

www.bentonvillear.com

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**LETTER AGREEMENT
AMENDMENT #2
CONSTRUCTION SERVICES- 48-INCH RELOCATION**

Date: July 8, 2025

This AMENDMENT ("Amendment") shall amend and become a part of the Letter Agreement for Professional Services dated June 16, 2023, between City of Bentonville, AR ("Client") and Olsson, Inc. ("Olsson", "Engineer") providing for professional services for the following Project (the "Agreement"):

PROJECT DESCRIPTION AND LOCATION

Project is located at: Benton County, Arkansas

Project Description: 48-Inch Transmission Line Relocation (associated ARDOT project 090512)

SCOPE OF SERVICES

Client and Olsson hereby agree that Olsson's Scope of Services under the Agreement is amended by adding Construction Phase Services specifically described below for the additional compensation set forth below:

CONSTRUCTION PHASE SERVICES

The work covered by this section includes those services required during the construction phase of the work and during the one-year project performance period following the initiation of operation of the completed project. The scope of services includes the conduct of those activities needed to meet the requirements of the Drinking Water State Revolving Fund program. These activities will be completed throughout the implementation of the project.

Phase 800 – Engineering Construction Contract Administration

- A. Olsson shall document compliance of both the Build America, Buy America Act (BABA) and Davis-Bacon as required by Arkansas Department of Transportation (ARDOT) and the State. The ENGINEER will maintain the records for the BABA and Davis-Bacon programs.
- B. Preconstruction Conference – Coordinate with ARDOT to conduct a Preconstruction Conference with Owner, Contractor, Engineer, Engineer's Subconsultant, Surveyor, Observation team, and testing team and other stakeholders. Engineer shall provide agenda and minutes from meeting. At the time of the preconstruction conference, a Notice to Proceed will be issued.
- C. Attend regularly scheduled construction progress meetings with the contractor and Client. Contractor shall provide agenda and minutes of the meeting. It is anticipated that these meetings will occur on a monthly basis.

- D. Furnish licensed professional engineers to make weekly visits to the site (as distinguished from the services of a Resident Project Representative) as appropriate to observe the progress and quality of the executed work and to determine in general if the work is proceeding in accordance with the contract documents. In performing these services, Olsson will endeavor to protect the Owner against defects and deficiencies in the work of the contractor; but Olsson cannot guarantee the performance of the contractor, nor will Olsson supervise, direct, control or have authority over or be responsible for Contractor's means, methods, techniques, sequences or procedures of construction or for the safety measures that the contractor takes or should take.
- E. Olsson will be Owner's representative during the construction period. Olsson may authorize minor variations in the Work which do not involve adjustment to contract time or price, however, Olsson will consult with and advise the Owner as to all such matters; issue all instructions to the contractor requested by the Owner; and prepare routine change orders as required.
- F. Review samples, catalog data, schedules, shop drawings, laboratory, shop and mill tests of material and equipment and other data which the contractor submits. In conjunction with the review, the ENGINEER will develop a Submittal Log containing the following columns at a minimum: Item Name, Manufacturer, Model Number, Date Approved, BABA Required, BABA Proof, Notes. Items not normally included in the Submittal Log but required of BABA must be included; such as, nuts, bolts, screws, welding wire rods, etc. This review is for the benefit of the Owner to ensure general conformance with the design concept of the project and general compliance by the contractor with the information given in the contract documents. It does not relieve the contractor of any responsibility such as dimensions to be confirmed and correlated at the job site, appropriate safety measures to protect workers and the public, or the necessity to construct a complete and workable facility in accordance with the contract documents.
- G. Answer contractors' questions and interpret construction documents. Questions and interpretations will be answered through a written Request for Information (RFI) or similar process.
- H. Review the Contractor's applications for progress and final payments, and when approved, submit same to the OWNER for payment. Olsson will provide necessary backup documentation to support the breakdown. Each monthly pay request will contain a written compliance statement for both the BABA and Davis-Bacon contract requirements, and a copy of the latest Submittal Log and waiver documentation.
- I. Olsson will consult and advise with the OWNER; issue all instructions to the Contractor requested by the OWNER; prepare necessary contract change orders, including reconciliation change orders, for approval of the OWNER, ARDOT, and others on a timely basis.
- J. Substantial Completion - Upon receipt of written notification from the CONTRACTOR of substantial completion, schedule a walk through to identify items to be completed or corrected prior to accepting substantial completion.
- K. Olsson will attend, in company with the Owner's representative, a final inspection of the project. This inspection will be for conformance with the City of Bentonville standard final inspection process and compliance with the contract documents.
- L. Olsson will notify the OWNER in writing that the project is complete, constructed in general accordance with the approved plans and specifications, and ready for final payment.

- M. Olsson will provide the OWNER with one set of reproducible record (as-built) drawings, and one set of prints each to the OWNER, and the Arkansas Department of Health if necessary; as-built drawings per Bentonville Water Utilities specifications shall also be submitted in an acceptable digital format. Such drawings will be based upon construction record provided by the Contractor during construction and reviewed by the resident inspector and compared with the resident inspector's construction diary.

Phase 810 – Construction Observation Services

ENGINEER shall furnish a full-time Resident Project Representative (RPR), assistants and other field staff to assist the Project Manager in observing performance of the work of CONTRACTOR during the 260 working days construction period with the estimated start being fall of 2025.

The basis of this proposal assumes 9 hours per day, 5 days per week for 260 working days. Additional assumptions for the 24 hour / day inspections required for the connections of the new line to the existing line is an additional 1220 hours (2 weeks or 14 days at 24hrs/day minus the weekly 9 hours/day already accounted for). For projects requiring full time observation, full time hours will be billed at an hourly rate, overtime hours will be billed at time and a half.

Specific services to be performed by RPR are as follows:

- A. Schedules - Review the progress schedule, schedule of Shop Drawing submittals and schedule of values prepared by CONTRACTOR and consult with ENGINEER concerning acceptability.
- B. Conferences and Meetings - Attend meeting with CONTRACTOR, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.
- C. Liaison - Serve as OWNER's liaison with CONTRACTOR, working principally through CONTRACTOR's superintendent and assist in understanding the intent of the Contract Documents; and assist the ENGINEER in serving as OWNER's liaison with CONTRACTOR when CONTRACTOR's operations affect OWNER's on-site operations.
- D. Shop Drawings and Samples - Record date of receipt of Shop Drawings and samples, receive samples which are furnished at the site by CONTRACTOR, and notify ENGINEER of availability of samples for examination. Advise ENGINEER and CONTRACTOR of the commencement of any Work requiring a Shop Drawing or sample if the submittal has not been approved by ENGINEER.
- E. Review of Work, Observations and Tests - Conduct on-site observations of the Work in progress to assist ENGINEER in determining if the Work is in general proceeding in accordance with the Contract Documents. Report to OWNER whenever RPR believes that any Work is unsatisfactory, faulty or defective or does not conform to the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise OWNER of Work that RPR believes should be corrected, or should be uncovered for observation, or requires special testing, inspection or approval. Verify that tests, equipment and systems startups and operating and maintenance training are conducted in the presence of appropriate personnel and that CONTRACTOR maintains adequate records thereof; and observe, record and report to ENGINEER appropriate details relative to the test procedures and startups. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections and report to ENGINEER.
- F. Interpretation of Contract Documents - Report to ENGINEER when clarifications and

interpretations of the Contract Documents are needed and transmit to CONTRACTOR clarifications and interpretations as issued by ENGINEER.

- G. Modifications - Consider and evaluate CONTRACTOR's suggestions for modifications in Drawings and Specifications and report with RPR's recommendations to ENGINEER. Transmit to CONTRACTOR decisions as issued by ENGINEER.
- H. Records - Maintain records, orderly files for correspondence, reports of job conferences, Shop Drawings and samples, reproductions of original Contract documents including all Work Directive Changes, Addenda, Change Orders, Field Orders, additional Drawings issued subsequent to the execution of the Contract, ENGINEER's clarifications and interpretations of the Contract Documents, progress reports, and other Project related documents. Keep a diary or logbook, recording CONTRACTOR activities on the job site, weather conditions, data relative to questions of Work Directive Changes, Change Orders or changed conditions, list of job site visitors, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures, and send copies to OWNER.
- I. Reports - Furnish ENGINEER and OWNER periodic reports as required of progress of the Work and of CONTRACTOR's compliance with the progress schedule and schedule of Shop Drawing and sample submittals. Consult with ENGINEER in advance of scheduled major tests, inspections or start of important phases of the Work. Draft proposed Change Orders and Work Directive Changes, obtaining backup material from CONTRACTOR and recommend to ENGINEER Change Orders, Work Directive Changes, and Field Orders. Report to ENGINEER and OWNER upon the occurrence of any accident.
- J. Payment Requests - Review applications for payment with CONTRACTOR for compliance with the established procedure for their submission and forward with recommendations to OWNER, noting particularly the relationship of the payment requested to the schedule of values, Work completed and materials and equipment delivered at the site but not incorporated in the work.
- K. Completion - Before ENGINEER issues a Certificate of Substantial completion, submit to CONTRACTOR a list of observed items requiring completion or correction. Conduct final inspection in the company of ENGINEER, OWNER, and CONTRACTOR and prepare a final list of items to be completed or corrected. Observe that all items on final list have been completed or corrected and make recommendations to ENGINEER concerning acceptance.
- L. SWPPP inspection – Weekly regulatory SWPPP inspections and reporting are the duty of the CONTRACTOR and are excluded from Olsson's services. Olsson's RPR shall review CONTRACTORS weekly reports for completeness and will monitor CONTRACTOR for general construction stormwater compliance.

Phase 820 – Non-Destructive Testing (NDT) Services

- A. Olsson's staff will provide project management, administrative, and coating inspection services for the City of Bentonville, AR. We propose to provide our observation and testing services in the following manner:
- B. Project Management and Administration – Olsson's NDT manager, will provide quality review and technical support to the project when needed. He will also manage the financial aspects of the project. He will attend and participate in the pre-construction and all monthly progress meetings with the contractor and owner.

- C. Inspection Services – Olsson will provide a certified welding inspector to visually observe all welds for the proposed 48" water line. An estimated 20% of field lap welds will be tested using magnetic particle inspection.
- D. Reporting - Olsson's field professionals will prepare typed field reports summarizing each day's field observations, presenting test results, and detailing items not in compliance with the project drawings and/or specifications. Draft copies of the field reports will be provided daily to the designated field representative if requested.

Phase 830 – Construction Materials Testing Services

- A. Construction testing services have been requested for fill placement, utility trench backfill, reinforced concrete, pavement subgrades, and asphaltic concrete pavement. We propose to provide our testing services in the following manner:
- B. Fill Placement/Utility Trench Backfill – Prior to fill placement, subgrades should be stripped of vegetation, topsoil, and any other deleterious material. Representatives of Olsson will observe the stability and moisture content of the subgrades. The subgrades should be proofrolled with a fully loaded tandem axle dump truck.
- C. Samples of materials proposed for use as structural fill and/or utility trench backfill will be obtained for laboratory testing. Laboratory tests, including standard and modified Proctors and Atterberg limits tests, will be performed to classify and determine physical properties of the proposed fill/backfill materials. Olsson will observe and test structural fill placed within the footprint of the proposed pavement areas. Olsson will also test backfill placed within segments of the utility trenches.
- D. Reinforced Concrete - Olsson's field technician will observe placement of concrete in the thrust blocks, encasements, and vault. Field tests, including slump, air entrainment, and temperature, will be performed on samples of concrete obtained from these structures. Cylinders will be cast from the concrete used in the construction of the structures for compressive strength testing.
- E. Pavement Subgrades – Olsson's field personnel will evaluate building and pavement subgrades with respect to stability and moisture content prior to construction of the on-grade slabs and or pavements. Subgrades should be proofrolled with a fully loaded tandem axle dump truck.
- F. The general contractor superintendent should schedule subgrade evaluations within 48-hours of paving or following any significant weather event that could affect the performance of the pavement subgrade. Subgrades should be reobserved if weather conditions change or if construction of the on-grade slab and/or pavements is delayed more than 48-hours after initial observation.
- G. Asphaltic Concrete Pavements – Field density tests will be performed in the base and surface courses of asphaltic concrete pavements. To evaluate results of the field density tests, cores and/or samples of the base and surface mixes delivered to the site will be obtained for laboratory testing.
- H. Reporting - Olsson's field professionals will prepare typed field reports summarizing each day's field observations, presenting test results, and detailing items not in compliance with the project drawings and/or specifications. Draft copies of the field reports will be provided daily to the designated field representative if requested.

- I. Field reports will be reviewed by our project engineer and if required summarized in bi-weekly letters transmitted to the Client, Architect, Structural Engineer, General Contractor and Building Official. Olsson is not responsible for the Contractor's means or methods and does not have the obligation or authority to stop Contractor's work. Olsson's responsibility as special inspector is to report our field observations and test results to the Contractor and Client as provided herein.
- J. Following completion of the project, if requested Olsson will prepare a final summary report stating its opinion with regard to whether the portions of the work that were observed, inspected and/or tested were in compliance with the project specifications.
- K. Exclusions – SWPPP inspections are excluded, these will be performed by others.

Phase 840 – Construction Surveying Services

- A. Olsson will provide construction layout surveys to establish horizontal and vertical control to properly locate the work. Staking is anticipated to include the pipe centerline every 100 feet with offsets, bends and fittings, and easement boundaries. A 48-hour notice is required for work requests.
- B. The fee provided is an allowance based on estimated effort. Actual effort and fees will depend on Contractor's schedule, number of requests, etc. If accrued fees approach the estimated total for this phase, Olsson will notify the Client and discuss an equitable adjustment by amendment.

Phase 850 – Construction Sub-Consultant Services

- A. Olsson will provide continued Sub-Consultant services of Staheli Trenchless Consultants according to the Reimbursable Expense Schedule attached to this Agreement. Trenchless construction of 60" casing at Osage Creek crossing included in the detailed design package with Staheli Trenchless Consultants as the designer of record of that system. Staheli Trenchless Consultants shall provide construction engineering support services including meeting attendance, submittal review, RFI and Change Order support, and on-site construction observation of trenchless installations. Staheli Trenchless Consultants scope of services and fee are provided as Exhibit F to this Amendment. Olsson shall charge 10% profit on sub-consultant services provided.
- B. Olsson will provide continued Sub-Consultant services of Coffman Engineers according to the Reimbursable Expense Schedule attached to this Agreement. An Impressed current Cathodic Protection (CP) system was included in the detailed design package with Coffman Engineers as the designer of record of that system. Coffman shall provide construction engineering support services including on-call remote support, submittal review, on-site support, CP system commissioning, CP Operation and Maintenance Manual, Owner training for CP system, and record drawings. Coffman Engineer's scope of services and fee are provided as Exhibit G to this Amendment. Olsson shall charge 10% profit on sub-consultant services provided.

Safety

It is the responsibility of the general contractor or their subcontractors to provide safe access to work requiring observation or testing by the special inspector or tester. It is also the responsibility of the

general contractor or their subcontractors to provide OSHA compliant barriers or barricades around excavations greater than 6 feet in depth. In instances where barriers or barricades are not provided or work requiring observation or testing must be performed while within the area protected by barriers or barricades, the contractor shall provide and install an anchor point that meets the OSHA standard for fall protection for use by the special inspector or tester. The anchorage point shall be provided near excavations 6 feet or greater in depth where observation or testing is required. The anchorage point cannot be a piece of equipment that can be moved (like a drill rig or piece of earth working equipment). These anchorage points may need to be moved by the contractor when work requiring observation or testing is needed in other locations.

When fall protection is needed for Olsson personnel to perform their work, Olsson will supply Olsson personnel with harnesses and lanyards which can be tied off to contractor-provided anchorage points. If the contractor cannot supply an anchorage point for Olsson personnel, Olsson will work with the general contractor to come up with a solution possibly including Olsson providing our own anchorage, which may cause a delay and result in additional services.

DELIVERABLES

The following deliverables are included:

- Field Observation Reports
- Material Testing Reports
- Welding Inspection Reports
- Construction Photos
- Submittal Records
- RFI Records
- Change Records and Pay Records
- Plans of Record
- Warranty Tracking

SCHEDULE FOR OLSSON'S SERVICES

Olsson's Scope of Services for Amendment Number 2 are based on a construction period not to exceed 365 days to Substantial Completion and 395 days to Final Completion.

COMPENSATION

For the additional Scope of Services specifically set forth in this Amendment, Client shall pay Olsson the following fee in addition to the fee(s) set forth in the Agreement:

Client shall pay to Olsson for the performance of the Scope of Services, the actual time of personnel performing such services in accordance with the Labor Billing Rate Schedule(s) and all actual reimbursable expenses in accordance with the Reimbursable Expense Schedules attached to this Agreement. Olsson shall submit invoices on a monthly basis and payment is due within 30 calendar days of invoice date.

Olsson's Scope of Services for Amendment Number 2 will be provided on a time and expense basis not to exceed \$ 2,089,769. Estimated subtotals by phase are listed below. Fees for each phase may vary as long as the total amount stated above is not exceeded.

Phase 800 – Engineering Construction Administration	\$	494,925
Phase 810 – Construction Observation Services (RPR)	\$	1,194,025
Phase 820 – Non-Destructive Testing Services	\$	59,205
Phase 830 – Construction Materials Testing Services	\$	149,328
Phase 840 – Construction Surveying Services	\$	40,000
Phase 850 – Construction Sub-Consultant Services	\$	152,286

It is understood and agreed that the above enumerated not-to-exceed fee was established on the basis that a construction contract would be awarded with a construction period of 395 calendar days. In the event the time for completion of construction extends beyond the period set out in the construction contract as negotiated, Olsson will be compensated for any additional time as an additional service and as approved by the OWNER and ARDOT. Olsson will also be compensated under the same paragraph for any additional time incurred due to default by Contractors, litigation, or other cause not normally anticipated. In the event that a stop work order is issued on the construction contract stopping the construction time, engineering services will be stopped accordingly until a notice to proceed is issued and construction work resumes. Liquidated damages in the construction contract shall be sufficient to cover additional costs associated with an overage on construction contract time. If construction contract time is increased by change order, any increased engineering fees will be submitted for review by the OWNER and ARDOT along with the change order.

TERMS AND CONDITIONS OF SERVICE

All provisions of the original Agreement not specifically amended herein shall remain unchanged.

If this Contract Amendment satisfactorily sets forth your understanding of our agreement, please sign in the space provided below. Retain a copy for your files and return an executed original to Olsson. This proposal will be open for acceptance for a period of 30 days from the date set forth above, unless changed by us in writing.,

OLSSON, INC.

By _____
Andrea Adams, Sr. Director of Operations

By _____
Chris Dougherty, PE; Group Leader

By signing below, you acknowledge that you have full authority to bind Client to the terms of this Amendment. If you accept this Amendment, please sign:

CITY OF BENTONVILLE, AR

By _____
Signature

Printed Name _____

Title _____

Dated: _____

Attachments

Exhibit A – Olsson duties, responsibilities, and limitations of authority of Resident Project Representatives

Exhibit B – Olsson Fee Summary Worksheet

Exhibit C – Phase 800 – Engineering Construction Admin Rate Sheet

Exhibit D – Phase 810 - Construction Observation Rate Sheet

Exhibit E – Phase 830 – Construction Materials Testing Rate Sheet

Exhibit F - Subconsultant Staheli Trenchless Consultants Scope and Fee Proposal

Exhibit G - Subconsultant Coffman Engineers Scope and Fee Proposal

**A LISTING OF THE DUTIES, RESPONSIBILITIES
AND LIMITATIONS OF AUTHORITY OF THE
RESIDENT PROJECT REPRESENTATIVE**

ENGINEER shall furnish a Resident Project Representative (RPR), assistants and other field staff to assist ENGINEER in observing performance of the work of CONTRACTOR.

Through more extensive on-site observations of the work in progress and field checks of materials and equipment by the RPR and assistants, ENGINEER shall endeavor to provide further protection for OWNER against defects and deficiencies in the work of CONTRACTOR; but, the furnishing of such services will not make ENGINEER responsible for or give ENGINEER control over construction means, methods, techniques, sequences or procedures or for safety precautions or programs, or responsibility for CONTRACTOR's failure to perform the Work in accordance with Contract Documents and in particular the specific limitations set forth in the Agreement as applicable.

The duties and responsibilities of the RPR are limited to those of ENGINEER in ENGINEER's agreement with the OWNER and in the construction Contract Documents, and are further limited and described as follows:

A. General

RPR is ENGINEER's agent at the site, will act as directed by and under the supervision of ENGINEER, and will confer with ENGINEER regarding RPR's actions. RPR's dealing in matters pertaining to the on-site work shall in general be with ENGINEER and CONTRACTOR keeping OWNER advised as necessary. RPR's dealing with subcontractor shall only be through or with the full knowledge and approval of CONTRACTOR. RPR shall generally communicate with OWNER with the knowledge of and under the direction of ENGINEER.

B. Duties and Responsibilities of RPR

1. Schedules: Review the progress schedule, schedule of Shop Drawing submittals and schedule of values prepared by CONTRACTOR and consult with ENGINEER concerning acceptability.
2. Conferences and Meetings: Attend meeting with CONTRACTOR, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.
3. Liaison:
 - a. Serve as ENGINEER's liaison with CONTRACTOR, working principally through CONTRACTOR's superintendent and assist in understanding the intent of the Contract Documents; and assist the ENGINEER in serving as OWNER's liaison with CONTRACTOR when CONTRACTOR's operations affect OWNER's on-site operations.
4. Shop Drawings and Samples:
 - a. Record date of receipt of Shop Drawings and samples.
 - b. Receive samples which are furnished at the site by CONTRACTOR, and notify ENGINEER of availability of samples for examination.
 - c. Advise ENGINEER and CONTRACTOR of the commencement of any Work requiring a Shop Drawing or sample if the submittal has not been approved by ENGINEER.

5. Review of Work, Rejection of Defective Work, Inspections and Tests:
 - a. Conduct on-site observations of the Work in progress to assist ENGINEER in determining if the Work is in general proceeding in accordance with the Contract Documents.
 - b. Report to ENGINEER whenever RPR believes that any Work is unsatisfactory, faulty or defective or does not conform to the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise ENGINEER of Work that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.
 - c. Verify that tests, equipment and systems startups and operating and maintenance training are conducted in the presence of appropriate personnel, and that CONTRACTOR maintains adequate records thereof; and observe, record and report to ENGINEER appropriate details relative to the test procedures and startups.
 - d. Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections and report to ENGINEER.
6. Interpretation of Contract Documents: Report to ENGINEER when clarifications and interpretations of the Contract Documents are needed and transmit to CONTRACTOR clarifications and interpretations as issued by ENGINEER.
7. Modifications: Consider and evaluate CONTRACTOR's suggestions for modifications in Drawings and Specifications and report with RPR's recommendations to ENGINEER. Transmit to CONTRACTOR decisions as issued by ENGINEER.
8. Records:
 - a. Maintain at the job site orderly files for correspondence, reports of job conferences, Shop Drawings and samples, reproductions of original Contract documents including all Work Directive Changes, Addenda, Change Orders, Field Orders, additional Drawings issued subsequent to the execution of the Contract, ENGINEER's clarifications and interpretations of the Contract Documents, progress reports, and other Project related documents.
 - b. Keep a diary or log book, recording CONTRACTOR hours on the job site, weather conditions, data relative to questions of Work Directive Changes, Change Orders or changed conditions, list of job site visitors, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to ENGINEER.
9. Reports:
 - a. Furnish ENGINEER periodic reports as required of progress of the Work and of CONTRACTOR's compliance with the progress schedule and schedule of Shop Drawing and sample submittals.
 - b. Consult with ENGINEER in advance of scheduled major tests, inspections or start of important phases of the Work.
 - c. Draft proposed Change Orders and Work Directive Changes, obtaining backup material from CONTRACTOR and recommend to ENGINEER Change Orders, Work Directive Changes, and Field Orders.
 - d. Report immediately to ENGINEER and OWNER upon the occurrence of any accident.
10. Payment Requests: Review applications for payment with CONTRACTOR for compliance with the established procedure for their submission and forward with recommendations to ENGINEER, noting particularly the relationship of the payment requested to the schedule of values, Work completed and materials and equipment delivered at the site but not incorporated in the Work.

11. Certificates, Maintenance and Operation Manuals: During the course of the Work, verify that certificates, maintenance and operation manuals and other data required to be assembled and furnished by CONTRACTOR are applicable to the items actually installed and in accordance with the Contract Documents, and have this material delivered to ENGINEER for review and forwarding to OWNER prior to final payment for the Work.
12. Completion:
 - a. Before ENGINEER issues a Certificate of Substantial Completion, submit to CONTRACTOR a list of observed items requiring completion or correction.
 - b. Conduct final inspection in the company of ENGINEER, OWNER, and CONTRACTOR and prepare a final list of items to be completed or corrected.
 - c. Observe that all items on final list have been completed or corrected and make recommendations to ENGINEER concerning acceptance.

C. Limitations of Authority

Resident Project Representative:

1. Shall not authorize any deviation from the Contract Documents or substitution of materials or equipment, unless authorized by ENGINEER.
2. Shall not exceed limitations of ENGINEER's authority as set forth in the Agreement or the Contract Documents.
3. Shall not undertake any of the responsibilities of CONTRACTOR, subcontractors or CONTRACTOR's superintendent.
4. Shall not advise on, issue directions relative to or assume control over any aspect of the means, methods, techniques, sequences or procedures of construction unless such advice or directions are specifically required by the Contract Documents.
5. Shall not advise on, issue directions regarding or assume control over safety precautions and programs in connection with the Work.
6. Shall not accept Shop Drawing or sample submittals from anyone other than CONTRACTOR.
7. Shall not authorize OWNER to occupy the Project in whole or in part.
8. Shall not participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by ENGINEER.

Exhibit B - Olsson Fee Summary Sheet

Date: Tuesday, July 8, 2025
Job: 023-03244 BWU 48" relocation

TOTALS

Phase/ Task	Description of Work	Total Man-Days	Total Labor Fee	Total Expense Fee	Total Fee	Phase Total
800	Engineering Construction Admin (WWW-GN)					
800001	General Project Management	70.25	\$ 89,440.00	\$ -	\$ 89,440.00	
800002	Preconstruction Meeting	12.00	\$ 16,040.00	\$ -	\$ 16,040.00	
800003	Pay Request Review	18.00	\$ 23,560.00	\$ -	\$ 23,560.00	
800004	Monthly Construction Meetings	38.25	\$ 58,290.00	\$ -	\$ 58,290.00	
800005	Submittal Review	97.00	\$ 110,500.00	\$ -	\$ 110,500.00	
800006	RFIs	20.00	\$ 34,500.00	\$ -	\$ 34,500.00	
800007	Engineer Field Visits (biweekly)	36.00	\$ 47,760.00	\$ 3,500.00	\$ 51,260.00	
800008	Change/Field Orders	33.75	\$ 48,650.00	\$ -	\$ 48,650.00	
800009	General Closeout	12.00	\$ 14,800.00	\$ -	\$ 14,800.00	
800010	Record Drawings	22.00	\$ 24,600.00	\$ -	\$ 24,600.00	
800011	Punchlist	6.50	\$ 8,300.00	\$ -	\$ 8,300.00	
800012	Environmental Support	13.88	\$ 14,985.00	\$ -	\$ 14,985.00	
						\$ 494,925.00
810	Construction Observation					
810001	Preconstruction	11.88	\$ 17,775.00	\$ -	\$ 17,775.00	
810002	Observation	850.00	\$ 1,001,400.00	\$ 43,000.00	\$ 1,044,400.00	
810003	Project Management	66.25	\$ 94,050.00	\$ -	\$ 94,050.00	
810004	General Closeout	25.00	\$ 37,800.00	\$ -	\$ 37,800.00	
						\$ 1,194,025.00
820	Non-Destructive Testing					
820001	Project Management and Administration	5.00	\$ 6,300.00	\$ -	\$ 6,300.00	
820002	Weld Inspection Services	55.00	\$ 48,000.00	\$ 4,905.00	\$ 52,905.00	
						\$ 59,205.00
830	Construction Materials Testing					
830001	Project Management and Administration	18.10	\$ 18,090.00	\$ -	\$ 18,090.00	
830002	Construction Materials Testing	141.00	\$ 96,232.50	\$ 35,005.00	\$ 131,237.50	
						\$ 149,327.50
840	Survey					
840001	Construction Surveying	30.00	\$ 40,000.00	\$ -	\$ 40,000.00	
						\$ 40,000.00
850	Subconsultant Construction Services					
850001	Staheli Trenchless Sub (See Exhibit F for detail)	-	\$ -	\$ 48,107.00	\$ 48,107.00	
850002	Coffman CP Sub (See Exhibit G for detail)	-	\$ -	\$ 90,335.00	\$ 90,335.00	
850003	Profit (10%)				\$ 13,844.20	
						\$ 152,286.00
GRAND TOTAL		1,581.86	\$ 1,851,072.50	\$ 224,852.00	\$ 2,089,769	\$ 2,089,769

EXHIBIT C - 2025 WATER MARKET BILLING RATE SHEET

Position/Title	2025 WWW Team Billing Rates
Administrative Coordinator	\$ 90.00
Administrative Manager	\$ 130.00
Assistant Engineer I	\$ 110.00
Assistant Engineer II	\$ 120.00
Assistant Technician I	\$ 75.00
Assistant Technician II	\$ 85.00
Associate Engineer I	\$ 125.00
Associate Engineer II	\$ 135.00
Associate Engineer III	\$ 160.00
Associate Project Manager I	\$ 185.00
Associate Project Manager II	\$ 240.00
Associate Technician I	\$ 90.00
Associate Technician II	\$ 105.00
Client Manager I	\$ 225.00
Client Manager II	\$ 280.00
Design Associate I	\$ 135.00
Design Associate II	\$ 150.00
Design Technical Manager I	\$ 160.00
Design Technical Manager II	\$ 190.00
Engineer I	\$ 140.00
Engineer II	\$ 160.00
Group Leader I	\$ 225.00
Group Leader II	\$ 275.00
Lead Engineer I	\$ 225.00
Lead Engineer II	\$ 245.00
Lead Engineer III	\$ 280.00
Project Engineer I	\$ 160.00
Project Engineer II	\$ 190.00
Project Manager I	\$ 225.00
Project Manager II	\$ 275.00
Senior Engineer I	\$ 190.00
Senior Engineer II	\$ 215.00
Senior Engineer III	\$ 265.00
Senior Project Manager	\$ 315.00
Senior Team Leader	\$ 260.00
Senior Technician I	\$ 125.00
Senior Technician II	\$ 140.00
Student Intern I	\$ 60.00
Student Intern II	\$ 75.00
Technical Expert	\$ 315.00

Note: Olsson's labor rates will increase 5% on January 1st every year of a multi-year Contract

Billing Rate Schedules for Surveying, Construction Observation, Special Inspections (NDT), Materials Testing will be provided as separate Exhibits, as needed



2026 Construction Services Unit Rate Schedule

Construction Observation/Administration

Construction Administration/Management Services

Assistant Construction Observer.....	Hourly	\$115.00
Associate Construction Observer.....	Hourly	\$135.00
Senior Construction Observer.....	Hourly	\$165.00
CA Project Manager / Senior Engineer	Hourly	\$225.00
Senior Team Leader/Principal Engineer	Hourly	\$275.00
Administrative Assistant.....	Hourly	\$85.00

Miscellaneous Services & Equipment

Equipment

Trimble DA2 GPS	Daily	\$45.00
Mobile Hotspot or Signal booster	Monthly	\$85.00
Air Monitors	Daily	\$45.00
Nuclear Density Gauge*	Daily	\$65.00
Standard Safety Equipment**	Daily	\$85.00
Standard Concrete Test Equipment***	Daily	\$45.00
Dynamic Cone Penetrometer.....	Daily	\$100.00
Video Inspection Robot****	Daily	\$650.00
Mobile Office/Lab (utilities provided by others).....	Monthly	\$975.00

Travel

Mileage (Portal to Portal)	mile	per GSA
Per Diem	Daily	GSA Rate

Additional Notes

1. These Unit Fees are in effect until January 1, 2027. Services and fees not listed above will be quoted upon request.



2. Services provided on Saturday, Sunday, Holidays, or in excess of 8-hours/day will be charged at 1.5 times the unit fee.
3. Subcontracted services and expenses will be invoiced at our cost plus 10%
4. *Nuclear Density gauge will be charged if transported to or assigned to site.
5. **Safety equipment beyond standard PPE (safety footwear, hi-vis vest, hardhat, and safety glasses).
6. ***Standard Concrete Equipment includes – Slump cone, Type B airmeter, thermometer, unit weight scale.
7. **** Any personnel time for maintenance or cleaning of robot system will be charged at an hourly personnel rate in conjunction with the daily unit rate.



2025 Field Operations Services Unit Rate Schedule

Special Inspections and Construction Materials Testing Services

Testing Services (3-Hour Minimum)

Field Technician	Hour	\$75.00
Senior Technician	Hour	\$85.00
Steel Technician	Hour	\$105.00
Field Manager	Hour	\$100.00
Project Manager / Project Engineer	Hour	\$160.00
Senior Project Manager / Senior Engineer	Hour	\$220.00
Administrative Coordinator	Hour	\$75.00
Mileage	Mile	\$0.70 per GSA

Laboratory Testing Services

Aggregate Testing

Abrasion - LA Machine	Each	\$500.00
Atterberg Limit (Plasticity Index)	Each	\$125.00
Bulk Density (Unit Weight) and Voids	Each	\$110.00
Deleterious - Clay Lumps and Friable Particles	Each	\$190.00
Deleterious - Flat & Elongated Particles	Each	\$375.00
Deleterious - Lightweight Particles	Each	\$230.00
Deleterious - Organic Impurities	Each	\$140.00
Material Finer than No. 200 Sieve	Each	\$85.00
Minimum & Maximum Index Density (Vibratory Table)	Each	\$260.00
Moisture Content	Each	\$21.00
Oversize Particle Correction	Each	\$125.00
Particle Size (Gradation) - Sieve Analysis <3/4"	Each	\$135.00
Particle Size (Gradation) - Sieve Analysis >3/4"	Each	\$220.00
Percent Fractured Particles in Coarse Aggregate	Each	\$280.00
Proctor - Modified	Each	\$260.00
Proctor - Standard	Each	\$220.00
Sand Equivalent of Fine Aggregate	Each	\$245.00
Soundness Aggregates (Sodium or Magnesium)	Each	\$305.00
Specific Gravity of Aggregate Coarse or Fine Aggregate	Each	\$200.00
Uncompacted Void Content of Fine Aggregate	Each	\$80.00

Asphalt Testing

Asphalt Binder Content by Ignition	Each	\$150.00
Gradation of Extracted Aggregates (Includes Binder by Ignition)	Each	\$200.00
Bulk Specific Gravity/ Pavement Cores (1pt)	Each	\$70.00
Marshall Density (3pt)	Each	\$240.00
Marshall Stability and Flow (3pt)	Each	\$350.00
Percent Air Voids in Compacted Paving Mix	Each	\$45.00
Preparation & Density of Superpave Gyratory Compaction Specimens (2pt)	Each	\$320.00
Theoretical Maximum Specific Gravity (Rice) (Gmm)	Each	\$155.00

Cement, Concrete, & Masonry Testing

Chloride Ion	Each	\$200.00
Compressive Strength – Block or Block Prism	Each	\$230.00
Compressive Strength - Concrete Cores	Each	\$95.00
Compressive Strength - Cube (Grout & Mortar)	Each	\$45.00
Compressive Strength - Cylinders	Each	\$25.00
Density, Absorption & Voids of Hardened Concrete	Each	\$630.00
Flexural Strength of Concrete	Each	\$75.00
Length Change of Hardened Hydraulic-Cement Mortar and Concrete	Each	\$400.00
Measuring Thickness of Concrete Elements (Drilled Cores)	Each	\$70.00
Potential Alkali Silica Reactivity (ASR)	Each	\$830.00

Equipment

Core Machine/Sampling	Day	\$300.00
Dynamic Cone Penetrometer (DCP)	Day	\$200.00
Electrical Resistivity - Field (AEMC Gauge)	Day	\$100.00
Floor Flatness Equipment	Day	\$300.00
Relative Humidity Probe/Sensor	Each	\$80.00
Settlement Monitoring Plate	Each	\$300.00
Standard Field Equipment	Each	\$25.00
Vapor Emission Test Kit	Each	\$60.00

Soil Testing

Atterberg Limits (Plasticity Index)	Each	\$125.00
CBR Laboratory Compacted (3pt)	Each	\$630.00
CBR Laboratory Compacted (1pt)	Each	\$230.00
Density (Wet/Dry)	Each	\$30.00
Direct Shear Test of Soils (Consolidated Drained) (3pt)	Each	\$1,600.00
Dispersion - Crumb	Each	\$95.00
Dispersion - Pinhole	Each	\$190.00
Material Finer than No. 200 Sieve	Each	\$85.00
Moisture Content	Each	\$21.00
Moisture Content - Microwave	Each	\$50.00

One-Dimensional Consolidation Test	Each	\$440.00
Organic Content - Soils	Each	\$105.00
Oversize Particle Correction	Each	\$125.00
Particle Size (Gradation) - Hydrometer	Each	\$250.00
Particle Size (Gradation) - Sieve Analysis.....	Each	\$135.00
Permeability - Flexible Wall Permeameter (Intact)	Each	\$550.00
Permeability - Flexible Wall Permeameter (Remold).....	Each	\$650.00
Proctor - Modified	Each	\$260.00
Proctor - Modified w/Additive	Each	\$340.00
Proctor - Standard	Each	\$220.00
Proctor - Standard w/Chem Additive	Each	\$290.00
Swell or Collapse (One Dimensional)	Each	\$315.00
Triaxial Compression – Consolidated Drained (Intact)	Each	\$1,730.00
Triaxial Compression – Consolidated Drained (Remold).....	Each	\$1,930.00
Triaxial Compression – Consolidated Undrained (Intact)	Each	\$1,575.00
Triaxial Compression – Consolidated Undrained (Remold).....	Each	\$1,775.00
Triaxial Compression – Unconsolidated Undrained	Each	\$180.00
Unconfined Compressive Strength - Intact Rock	Each	\$125.00
Unconfined Compressive Strength - Soils	Each	\$85.00

Sprayed Fire Resistive Materials (SFRM)

Adhesion of SFRM to Structural Members (Field).....	Each	\$25.00
Thickness and Density of SFRM to Structural Members	Each	\$90.00

General Terms and Conditions

1. These Unit Fees are in effect until January 1, 2026. Services and fees not listed above will be quoted upon request.
2. All services charged are portal-to-portal.
3. Services provided on Saturday, Sunday, Holidays, or in excess of 8-hours/day will be charged at 1.5 times the unit fee.
4. Services provided before 6:00 a.m. and after 6:00 p.m. will be charged at 1.5 times the unit fee.
5. Mileage Rate subject to change based on Federal and IRS rate changes.
6. Subcontracted services and expenses will be invoiced at our cost plus 10%
7. Project Manager time will be included for project coordination and report review.
8. Per Diem will be billed at the allowed rates based on the U.S. General Services Administration and the Arkansas Department of Transportation.



4100 194th Street SW, Suite 205
Lynnwood, WA 98037
Phone: 425-205-4930
www.StaheliTrenchless.com

To: Chris Dougherty, P.E.
Group Leader | Water/Wastewater
Olsson | 3537 N. Steele Blvd, Suite 310

From: Jake Andresen, MS, P.E.
Staheli Trenchless Consultants

Subject: 48-Inch Transmission Line Relocation
City of Bentonville
Engineering Services During Construction
Change Request 01

Date: May 30, 2025

PROPOSAL TO AMEND CONTRACT			
Project name:	48-inch Transmission Line Relocation	Change request #:	1
Date:	5/30/2025	Current contract value:	\$ 58,141.00
		Change Request 1:	\$48,107.00
		Proposed Contract Value	\$106,248.00

Change Request Summary
Staheli Trenchless Consultants (STC) has completed design for a microtunnel crossing on the above referenced project. STC is pleased to continue working with Olsson to provide the following services: • Submittal Review (submittals related to microtunneling, annular space fill, and Jacked Steel Casing) • RFI response development (RFIs related to microtunneling and Jacked Steel Casing) • Construction Meeting attendance (virtual attendance) and technical support • Construction observations for up to 6 working shifts The detailed fee estimate is included as an attachment along with this change request. Services During Construction Estimate: \$48,107.00



City of Bentonville - 48-inch Transmission Line Relocation

Proposal For: Olsson

From: Staheli Trenchless Consultants

RE: Trenchless Engineering Services During Construction

Friday, May 30, 2025



Change Request 01 Fee Estimate

STAHeli TRENCHLESS CONSULTANTS								
Classification:	Principal Engineer	Senior Engineer	Project Engineer	Admin Support	Total Hours	ODCs	Total Labor Cost	Project Assumptions
Hourly Rate:	\$325.00	\$245.00	\$205.00	\$125.00				
Task 6 Submittal Review								
6.1 Submittal Reviews		20	15	6	41		\$8,725.00	Submittal Review for Microtunnel Work Plan (Multiple submittals assumed), Annular Space Grouting, Jacked Steel Casing
Task 6 Totals:	0	20	15	6	41	\$0.00	\$8,725.00	
Task 7 RFI Responses								
7.1 RFI Responses		10	10		20		\$4,500.00	
Task 7 Totals:	0	10	10	0	20	\$0.00	\$4,500.00	
Task 8 - Construction Meetings and Technical Support								
8.1 Construction Meetings		10	10		20		\$4,500.00	Assume up to 5 Construction Meetings, virtually, at 2 hour per meeting for attendance and prep and 2 attendees
8.2 Technical Support Meetings	6	10			16		\$4,400.00	Assume up to 3 meetings at 1 hour per meeting and 1 hour prep, with 1 attendee
8.3 Engineering Technical Review		8			8		\$1,960.00	Assume up to 8 hours engineering support
Task 8 Totals:	6	28	10	0	44	\$0.00	\$10,860.00	
Optional Task 9 - Site Visit/Observations								
9.1 Construction Observations - 6 Shifts		12	72		84	\$6,322.00	\$24,022.00	6 shifts (Monday to Saturday) at 12 hours per shift
Task 9 Totals:	0	12	72	0	84	\$6,322.00	\$24,022.00	
Tasks 6 to 9 Totals	6	70	107	6	189	\$0	\$48,107.00	
Total Budget:							\$48,107.00	USD



June 6, 2025

Chris Dougherty
Olsson Engineering
3537 N. Steele Blvd, Suite 310
Fayetteville, AR 72703

Reference: City of Bentonville 48-inch Water Pipeline Relocation CP Construction Support Services Fee Proposal

Dear Mr. Dougherty:

Coffman Engineers Inc. (Coffman) is pleased to submit the following fee proposal to provide Cathodic Protection (CP) construction support services.

We understand that an approximately 2.25-mile long, 48-inch diameter welded steel water pipeline will be constructed for the City of Bentonville (COB) in Bentonville, Arkansas. An impressed current cathodic protection (CP) system was included in the detailed design package with Coffman as designer of record (DOR). Construction support services including submittal review/response, on-site support, and CP system commissioning were requested. The scope of services outlined below is based on our correspondence and recommended level of support to ensure successful installation, energization, and turnover of the CP system to SWU personnel.

Scope of Services:

Task 1 - On-Call Remote Construction Support

1. Conduct a cathodic protection kickoff meeting with Contractor and Olsson inspection personnel to review the cathodic protection design, roles and responsibilities during construction, and areas of focus.
2. Provide remote on-call support for cathodic protection and general corrosion control related matters including, but not limited to: cathodic protection, coatings, test stations, electrical continuity, and electrical isolation.
3. Remotely attend construction meetings, as deemed necessary.

Task 2 - Submittal Review

1. Review and respond to contractor submittals associated with Specification 13 47 13.

Task 3 - Initial Construction Site Visit

1. Perform an initial site visit at the start of construction. Specific tasks include:
 - a. Provide guidance to Contractor and Olsson inspection personnel regarding installation of exothermic welds, test stations, joint bonds, flange isolation kit installation, and casings. Oversee and inspect initial installation of exothermic welds, cables, and other components, as available.
 - b. Walk down the CP system site with Contractor and Olsson inspection personnel. Review installation plan and materials. Identify final installation location for the rectifier, anode junction box, and anode groundbed.

Task 4 – Impressed Current CP System Installation Oversight

1. Perform a site visit to provide on-site Corrosion Field Engineer (CFE) support during installation of the impressed current cathodic protection (ICCP) system. Specific CFE tasks include:
 - a. Provide technical oversight during installation of the anode groundbed, anode junction box, rectifier, and remote monitoring unit (RMU). Verify compliance with design drawings, specifications, and approved material submittal.
 - b. Address design changes based on field conditions, as required.
 - c. Submit daily CFE reports.
 - d. Coordinate with Contractor, Olsson, COB, and others, as required.

Task 5 - Commissioning

1. After construction is complete, commission the cathodic protection system. Specific tasks include:
 - a. Obtain static pipe-to-soil potential measurements at established test station locations, other test point locations, and foreign structures, as deemed necessary.
 - b. Energize the rectifier and RMU and perform functional checkout.
 - c. Initially set rectifier output. Obtain rectifier output measurement and individual anode output measurements.
 - d. Configure RMU on Elecsys Connect online platform.
 - e. Obtain “On” and “Instant-off” pipe-to-soil potential measurements at established test point locations.
 - f. Obtain AC pipe-to-soil potential measurements at established test point locations.
 - g. Evaluate electrical continuity of the pipeline.
 - h. Evaluate electrical isolation of the pipeline from casings and other structures.

- i. Coordinate with foreign operators and perform joint testing for DC stray current interference.
- j. Evaluate DC and AC stray current interference.
- k. Develop a commissioning report with test results, data analysis, and recommendations.

Task 6 - Record Drawings

- 1. Provide record drawings based on contractor redlines indicating as-built conditions.

Task 7 - Operation and Maintenance Manual

- 1. Provide an Operation and Maintenance (O&M) Manual that covers operation, maintenance, and monitoring of the rectifier, RMU, anode junction box, and test stations. The O&M Manual will include an explanation of CP; description of the impressed current CP system; rectifier and RMU operational procedures; safety considerations; expected maintenance tasks and frequencies; recommend monitoring tasks and frequencies; and spare parts information.

Task 8 - Training

- 1. Provide on-site training of COB personnel including the operation, maintenance, and monitoring of the ICCP system per the O&M manual.

Assumptions:

- 1. Olsson or others will provide:
 - a. Current construction documents in PDF format, including any changes throughout construction.
 - b. Contact information for Contractor, Olsson, COB, and other personnel involved in construction of the pipeline.
 - c. Construction schedule in PDF format, including any changes throughout construction.
- 2. Olsson inspectors will be on-site during the installation of the pipeline. Olsson inspectors will inspect the installation of exothermic welds, cabling, test stations, flange isolation kits, joint bonding, and electrical isolation of casings.
- 3. On-call remote construction support will not exceed 40 hours.
- 4. The cathodic protection system will be installed by others.
- 5. Detailed bill of materials and construction cost estimate will be developed by others.
- 6. Cathodic protection materials will be acquired by others.

7. The initial site visit will be completed in one (1) mobilization by an AMPP CP-2 and will not exceed 5 days, including travel.
8. On-site CFE support during installation of impressed current cathodic protection (ICCP) system will be completed in one (1) mobilization by an AMPP certified CP-2 and will not exceed 7 days, including travel.
9. Commissioning will be completed in one (1) mobilization by two people with at least one AMPP CP-2 certification. Commissioning will not exceed 6 days, including travel.
10. Development of record drawings are limited to cathodic protection drawings only. Olsson will be responsible for all remaining drawings. Field redlines will be complete, legible, and accurate from the Contractor.
11. On-site training of SWU personnel will be completed in one (1) mobilization by an AMPP CP-2 in one (1) day. On-site Training will not exceed 3 days, including travel.

Fee Estimate:

The following time and expense (T&E) fee estimates are proposed to complete the scope of services in accordance with our negotiated professional services agreement with the attached rate schedule. Should additional effort be required, it will be on an as-approved basis.

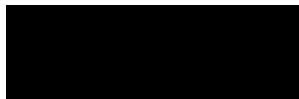
- Task 1 - \$8,260
- Task 2 - \$6,775
- Task 3 - \$10,810
- Task 4 - \$15,045
- Task 5 - \$32,050
- Task 6 - \$4,070
- Task 7 - \$5,690
- Task 8 - \$7,635
- **TOTAL: \$90,335**

Mr. Chris Dougherty
Olsson Engineering
Page 5

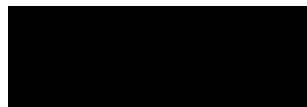
Thank you for the opportunity to work with you on this project. Please let me know if you need additional information or if I can be of further assistance.

Sincerely,

COFFMAN ENGINEERS, INC.



Andrew Onken
Corrosion Control Engineering
NACE Cathodic Protection Specialist #56472



Tyler Doil, PE
Principal, Corrosion Control Engineering
NACE Cathodic Protection Specialist #32055

APPROVED AND ACCEPTED BY:

Signature

Title

Date



2025 BOZEMAN CORROSION RATE SCHEDULE

Effective January 1, 2025

(BCOR25)

<u>DESCRIPTION</u>	<u>HOURLY BILLING RATE</u>
PRINCIPAL III	275.00
PRINCIPAL II	245.00
PRINCIPAL I	230.00
DISCIPLINE MANAGER	215.00
SENIOR PROJECT MANAGER/CP/IV/EC/IV	200.00
SENIOR ENGINEER/PROJECT MANAGER	185.00
ENGINEER III/EC/III/CI/III	175.00
ENGINEER II/EC/II/CI/II	150.00
ENGINEER I/EC/I/CI/I	135.00
SENIOR DESIGNER	165.00
DESIGNER III/TECHNICIAN III/TC/III	155.00
DESIGNER II/TECHNICIAN II/TC/II	140.00
DESIGNER I/TECHNICIAN I/TC/I	130.00
DRAFTER II	102.00
DRAFTER I	92.00
SENIOR PROJECT CONTROLS	155.00
PROJECT CONTROLS III	135.00
PROJECT CONTROLS II	120.00
PROJECT CONTROLS I	105.00
ENGINEERING/TECHNICAL INTERN	90.00
CLERICAL	90.00

* CP represents Cathodic Protection

** CIP represents Coating Inspector Program

*** TCP represents Cathodic Protection Technician

See next page for reimbursable expenses.

REIMBURSABLE EXPENSES

AUTOMOBILE

Mileage – 70.0 ¢ per mile (or current IRS allowed mileage-rate)

Refer to Specialty Equipment List

PER DIEM

Per Diem for meals and incidentals (M&I) will be charged at \$70 per day per person.

SUPPLIES AND OTHER SERVICES

The following equipment, supplies, and other services will be billed at actual cost plus 10%:

- Airfare, lodging, fuel, and car rental.
- Postage, shipping, and freight delivery.
- Materials.
- Permits, licenses, and fees having authority over the project.
- Sub-consultant services and equipment.
- Unusual services, equipment, and facilities, not customarily furnished or incurred in our normal operations.



City of Bentonville, Arkansas Agenda Item Form

Item Details

Council Meeting Date:		Submitted By:	
Phone:		For Department(s):	
Email:			

Item Type (Check all that apply)

Informational	Bid Award	Enter into an Agreement	Change Order
Recognizing Funds	Budget Adjustment	Waiver of Bid	Emergency Clause
Ordinance	Resolution		Informational

Title, Recommendation & Justification

Title:	
Action Recommendation & Justification:	
Additional Comments for Consideration (Optional):	

Amount for Approval:	\$
----------------------	----

Budget Impact

Is this Item Budgeted? YES NO ITEM HAS NO COST OTHER: _____

Budget Adjustment (to be completed by Finance when applicable)

Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue

Fund(s) Impacted

(check all that apply)

General Fund Utility Fund Street Fund Other(s): _____

Budget Impact Notes for Consideration (Optional):

City of Bentonville, Arkansas

City Hall

305 SW A Street Bentonville, AR 72712



July 9, 2025

Bentonville Water Utilities

Attn: Beau Thompson, Manager – Technical Services
3200 SW Municipal Dr.
Bentonville, Arkansas 72712
Delivered Via Email: <bthompson@bentonvillear.com>

RE: IFB-25-52, 48" Transmission Line Relocation

Dear Mr. Thompson,

Bids for the above referenced project were received and opened on July 2, 2025. A total of seven (7) bids were submitted and have been reviewed. The bid totals received are shown below:

Garney Companies, Inc.	\$15,308,195. ⁰⁰
KAJACS Contractors, Inc.	\$18,000,000. ⁰⁰
Belt Construction, Inc.	\$19,255,646. ⁰⁰
Carstensen Contracting, Inc.	\$19,405,664. ⁰⁰
Thalle Construction Company, Inc.	\$19,795,401. ⁰⁰
Crossland Heavy Contractors	\$20,654,274. ⁰⁰
Ground Zero Construction, Inc.	\$23,695,589. ⁰⁰

After review of the bids, it is our recommendation that Notice of Award be given to the low bidder, Garney Companies, Inc., in the contract amount of \$15,308,195.⁰⁰. Garney Companies, Inc. is based out of Kansas City, Missouri and has over 60 years of infrastructure experience, including significant recent experience with similar projects. Based on our review of the qualifications submitted by Garney, we believe that Garney is qualified for this project.

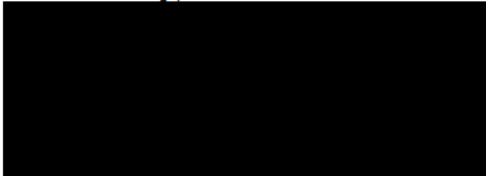
Information provided by Garney indicates that the company is financially stable. In addition, the contract documents require the furnishing of 100 percent performance and payment bonds prior to authorization of the Notice to Proceed.

The contract documents require substantial completion of the project within 365 days and full completion and ready for final payment within 395 calendar days from the date of the issuance of the Notice to Proceed. Upon approval of the Notice of Award and concurrence from the funding agency, we will commence with the processing of the construction agreement for the project.

Mr. Thompson
Page 2
July 9, 2025

Please do not hesitate to call with any questions, comments, or if further information or documentation is required.

Sincerely,



Chris Dougherty, PE
Group Leader, Water/Wastewater

Cc: Chad Coats, ARDOT;file



CITY OF BENTONVILLE, ARKANSAS PURCHASING AND COMPLIANCE DEPARTMENT

FORMAL SEALED BID TABULATION

Date of Bid Opening:	4/3/25	Time of Bid Opening:	1:30 PM	IFB-25-57
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Solicitation Title: 090512 ARDOT 48 Inch Transmission Line Relocation

Bidders:			Ground Zero Construction, Inc.			KAJACS Contractors, Inc.			Belt Construction, Inc.			Crossland Heavy Contractors			Carstensen Contracting, Inc.			Garney Companies, Inc.			Thalle Construction Co., Inc.		
Line Item	Estimated Quantity	Unit of Measure	Description	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	1	LS	Mobilization	\$665,000.00	\$665,000.00	\$900,000.00	\$900,000.00	\$800,000.00	\$800,000.00	\$980,000.00	\$980,000.00	\$940,000.00	\$940,000.00	\$725,000.00	\$725,000.00	\$950,000.00	\$950,000.00						
2	1	LS	Connections to Existing 48-Inch Pipeline	\$575,000.00	\$575,000.00	\$800,000.00	\$800,000.00	\$1,200,000.00	\$1,200,000.00	\$1,405,000.00	\$1,405,000.00	\$450,000.00	\$450,000.00	\$818,560.00	\$818,560.00	\$750,000.00	\$750,000.00						
3	11759	LF	48-Inch Spiral Welded Steel Pipe	\$1,206.00	\$14,181,354.00	\$700.00	\$8,231,300.00	\$944.00	\$11,100,496.00	\$670.00	\$10,230,330.00	\$860.00	\$10,112,740.00	\$615.00	\$7,231,785.00	\$885.00	\$10,406,715.00						
4	14	EA	48-Inch Flanged Butterfly Valves	\$85,000.00	\$1,190,000.00	\$64,000.00	\$896,000.00	\$50,000.00	\$700,000.00	\$95,000.00	\$1,330,000.00	\$85,000.00	\$1,190,000.00	\$33,000.00	\$462,000.00	\$70,000.00	\$980,000.00						
5	2	EA	6-Inch Combination Air Release and Vacuum Valve Assembly and Structure *See page 65 of Appendix F, Project Manual for how to bid items 5-7.	\$72,500.00	\$145,000.00	\$80,000.00	\$160,000.00	\$50,000.00	\$100,000.00	\$88,000.00	\$176,000.00	\$75,000.00	\$150,000.00	\$75,000.00	\$150,000.00	\$115,000.00	\$230,000.00						
6	1	EA	8-Inch Combination Air Release and Vacuum Valve Assembly and Structure *See page 65 of Appendix F, Project Manual for how to bid items 5-7.	\$74,500.00	\$74,500.00	\$80,000.00	\$80,000.00	\$54,000.00	\$54,000.00	\$91,400.00	\$91,400.00	\$77,500.00	\$77,500.00	\$80,000.00	\$80,000.00	\$120,000.00	\$120,000.00						
7	2	EA	10-Inch Combination Air Release and Vacuum Valve Assembly and Structure *See page 65 of Appendix F, Project Manual for how to bid items 5-7.	\$89,950.00	\$179,900.00	\$82,000.00	\$164,000.00	\$60,000.00	\$120,000.00	\$103,000.00	\$206,000.00	\$85,000.00	\$170,000.00	\$85,000.00	\$170,000.00	\$130,000.00	\$260,000.00						
8	15	EA	Fire Hydrant Assembly	\$18,100.00	\$271,500.00	\$21,000.00	\$315,000.00	\$30,000.00	\$300,000.00	\$16,000.00	\$240,000.00	\$16,000.00	\$240,000.00	\$31,500.00	\$472,500.00	\$30,000.00	\$300,000.00						
9	1	EA	Highway 112 Crossing - Station 29+50 +/-	\$832,200.00	\$832,200.00	\$325,000.00	\$325,000.00	\$350,000.00	\$350,000.00	\$141,000.00	\$141,000.00	\$300,000.00	\$300,000.00	\$140,000.00	\$140,000.00	\$200,000.00	\$200,000.00						
10	1	EA	Temporary Shoo-Fly Detour	\$481,000.00	\$481,000.00	\$600,000.00	\$600,000.00	\$400,000.00	\$400,000.00	\$341,600.00	\$341,600.00	\$400,000.00	\$400,000.00	\$426,000.00	\$426,000.00	\$450,000.00	\$450,000.00						
11	1	EA	Future ARDOT Roadway Crossing - Station 33+00	\$293,000.00	\$293,000.00	\$325,000.00	\$325,000.00	\$200,000.00	\$200,000.00	\$127,000.00	\$127,000.00	\$260,000.00	\$260,000.00	\$260,000.00	\$260,000.00	\$180,000.00	\$180,000.00						
12	270	LF	Osage Creek Crossing - Station 40+50 +/-	\$7,552.00	\$2,039,040.00	\$10,000.00	\$2,700,000.00	\$10,000.00	\$2,700,000.00	\$8,700.00	\$2,349,000.00	\$11,000.00	\$2,970,000.00	\$9,400.00	\$2,538,000.00	\$9,000.00	\$2,430,000.00						
13	6	EA	Leak Detection Assemblies	\$18,500.00	\$111,000.00	\$13,000.00	\$78,000.00	\$15,000.00	\$90,000.00	\$17,000.00	\$102,000.00	\$28,000.00	\$168,000.00	\$29,000.00	\$174,000.00	\$22,000.00	\$132,000.00						
14	77	LF	Pace Lane Crossing - Station 55+50 +/-	\$4,150.00	\$319,550.00	\$4,000.00	\$308,000.00	\$3,500.00	\$269,500.00	\$4,000.00	\$308,000.00	\$3,600.00	\$277,200.00	\$3,200.00	\$246,400.00	\$3,500.00	\$269,500.00						
15	95	LF	Pleasant Grove Road Crossing - Station 86+50 +/-	\$4,350.00	\$413,250.00	\$4,000.00	\$380,000.00	\$3,500.00	\$332,500.00	\$4,000.00	\$380,000.00	\$3,500.00	\$332,500.00	\$3,200.00	\$304,000.00	\$3,500.00	\$332,500.00						
16	1	LS	Pressure Testing and Disinfection	\$120,000.00	\$120,000.00	\$75,000.00	\$75,000.00	\$35,000.00	\$35,000.00	\$90,000.00	\$90,000.00	\$260,000.00	\$260,000.00	\$75,000.00	\$75,000.00	\$105,000.00	\$105,000.00						
17	1	LS	Traffic Control	\$20,500.00	\$20,500.00	\$33,000.00	\$33,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00	\$120,000.00	\$120,000.00	\$15,000.00	\$15,000.00	\$40,000.00	\$40,000.00						
18	1	LS	Sediment and Erosion Control	\$300,000.00	\$300,000.00	\$190,000.00	\$190,000.00	\$120,000.00	\$120,000.00	\$366,000.00	\$366,000.00	\$160,000.00	\$160,000.00	\$275,000.00	\$275,000.00	\$200,000.00	\$200,000.00						
19	1	LS	Selective Demolition	\$107,500.00	\$107,500.00	\$26,000.00	\$26,000.00	\$10,000.00	\$10,000.00	\$75,000.00	\$75,000.00	\$65,000.00	\$65,000.00	\$30,000.00	\$30,000.00	\$7,000.00	\$7,000.00						
20	1	LS	Trench and Excavation Safety Systems	\$240,000.00	\$240,000.00	\$74,480.00	\$74,480.00	\$50,000.00	\$50,000.00	\$208,000.00	\$208,000.00	\$200,000.00	\$200,000.00	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00						
21	2	EA	Sanitary Sewer Crossings	\$33,500.00	\$67,000.00	\$41,000.00	\$82,000.00	\$32,000.00	\$64,000.00	\$66,000.00	\$132,000.00	\$38,000.00	\$76,000.00	\$40,000.00	\$80,000.00	\$33,000.00	\$66,000.00						
22	163	LF	Sanitary Sewer Removal and Relocation	\$140.00	\$22,820.00	\$90.00	\$14,670.00	\$250.00	\$40,750.00	\$154.00	\$25,102.00	\$210.00	\$34,230.00	\$280.00	\$45,640.00	\$257.00	\$41,891.00						
23	1	EA	Sanitary Sewer Manhole	\$5,800.00	\$5,800.00	\$14,000.00	\$14,000.00	\$15,000.00	\$15,000.00	\$13,200.00	\$13,200.00	\$21,000.00	\$21,000.00	\$35,000.00	\$35,000.00	\$9,700.00	\$9,700.00						
24	307	TON	Gravel Road	\$38.00	\$4,066.00	\$75.00	\$8,025.00	\$50.00	\$5,350.00	\$120.00	\$12,840.00	\$42.00	\$4,494.00	\$85.00	\$9,095.00	\$265.00	\$28,355.00						
25	91	SY	Asphalt Pavement Road Repair	\$75.00	\$6,825.00	\$375.00	\$34,125.00	\$50.00	\$4,550.00	\$236.00	\$21,476.00	\$300.00	\$27,300.00	\$115.00	\$10,465.00	\$530.00	\$47,320.00						
26	1	LS	Cathodic Protection System	\$248,000.00	\$248,000.00	\$275,000.00	\$275,000.00	\$120,000.00	\$120,000.00	\$215,000.00	\$215,000.00	\$275,000.00	\$275,000.00	\$210,000.00	\$210,000.00	\$255,000.00	\$255,000.00						
27	208	LF	Cave Springs 12-Inch Water Line Removal and Installation	\$273.00	\$56,784.00	\$175.00	\$36,400.00	\$250.00	\$52,000.00	\$272.00	\$56,576.00	\$275.00	\$57,200.00	\$250.00	\$52,000.00	\$240.00	\$49,920.00						
28	3500	CY	ROCK EXCAVATION (1-4 FT OF ROCK ASSUMED OVER ENTIRE LENGTH OF PROJECT.)	\$350.00	\$1,225,000.00	\$250.00	\$875,000.00	\$5.00	\$17,500.00	\$290.50	\$1,016,750.00	\$25.00	\$87,500.00	\$76.50	\$267,750.00	\$275.00	\$962,500.00						
Total Bid Price				\$23,695,589.00		\$18,000,000.00		\$19,255,646.00		\$20,654,274.00		\$19,405,664.00		\$15,308,195.00		\$19,795,401.00							

purchasing@bentonville.com - (479) 273-3115

TABULATION VERIFICATION

X

Purchasing and Compliance Specialist

X

Kelsi Frederick
Purchasing and Compliance Manager



City of Bentonville, Arkansas Agenda Item Form

Item Details

Council Meeting Date:		Submitted By:	
Phone:		For Department(s):	
Email:			

Item Type (Check all that apply)

Informational	Bid Award	Enter into an Agreement	Change Order
Recognizing Funds	Budget Adjustment	Waiver of Bid	Emergency Clause
Ordinance	Resolution		Informational

Title, Recommendation & Justification

Title:	
Action Recommendation & Justification:	
Additional Comments for Consideration (Optional):	

Amount for Approval:	\$
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Budget Impact

Is this Item Budgeted? YES NO ITEM HAS NO COST OTHER: _____

Budget Adjustment (to be completed by Finance when applicable)

Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue
Account Number (ORG-OBJECT)	Account Description	\$	\$
		Expense	Revenue

Fund(s) Impacted

(check all that apply)

General Fund Utility Fund Street Fund Other(s): _____

Budget Impact Notes for Consideration (Optional):

City of Bentonville, Arkansas

City Hall

305 SW A Street Bentonville, AR 72712



**AMENDMENT TO AGREEMENT FOR PROFESSIONAL SERVICES
CITY OF BENTONVILLE, ARKANSAS
Project No. 2302097**

CONTRACT AMENDMENT NO. 01

This Contract Amendment No. 01 ("Amendment"), effective on the date last written below, shall amend the original contract between the City of Bentonville, Arkansas ("Owner") and Garver, LLC ("Garver"), dated August 20, 2024, referred to in the following paragraphs as the "Agreement."

The Agreement is hereby modified as follows:

EXHIBIT A – SCOPE OF SERVICES

1. The attached hereto Exhibit A-1 is to be included, in its entirety, as a part of Exhibit A of the Agreement.

Exhibit B – Compensation Schedule

2. The attached hereto Exhibit B-1 is to be included, in its entirety as a part of Exhibit A of the Agreement.

Terms and conditions of the Agreement not modified herein remain unchanged and in full force and effect.

This Amendment may be executed in two (2) or more counterparts each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, Owner and Garver have executed this Amendment effective as of the date last written below.



CITY OF BENTONVILLE, ARKANSAS

GARVER, LLC

By: _____
Signature

By: _____
Signature

Name: _____
Printed Name

Name: Jerry T. Martin, PE
Printed Name

Title: _____

Title: Water Team Leader

Date: _____

Date: _____

Attest: _____

Attest: _____



EXHIBIT A-1 AMENDED SCOPE OF SERVICES

Project Overview

Generally, Amendment No. 01 is providing additional professional engineering services for the Bentonville Sewer Improvements and Master Plan. Review of the existing interceptor model with the known project developments in the Shewmaker Sewer Basin confirmed substantial improvements to the entire 10-inch to 12-inch Shewmaker Interceptor are required. However, due to the accelerated construction schedule of the known development projects in the Shewmaker Sewer Basin, the Shewmaker Interceptor improvements will be separated into two design and construction phases.

The two phases of the Shewmaker Sewer Basin improvements are being contracted as separate amendments. Amendment No. 01 focuses on the improvements required for the lower Shewmaker sewer basin. Amendment No. 02 will focus on the improvements required for the upper Shewmaker sewer basin as well as design of a new 7 MGD North Lift Station and force main to the Water Resource Recovery Facility (WWRF). The improvement design is based on the existing system assessment model with the anticipated known project loads in the upper Shewmaker Sewer Basin. The future system assessment model provided by the City is being used to determine maximum infrastructure loads and required interceptor sizing for the design. The preliminary existing and future models from the City were contracted to be completed and reviewed for quality control by a separate consulting firm. Garver was not contracted to perform any additional review of the models provided by the City.

Although the design of the interceptor is proposed to be separated into two phases, topographic survey and manhole invert elevations will be collected for the entire 10-inch to 12-inch interceptor from North Lift Station to MH 363-6129 at E Battlefield Blvd and E Central Ave to support quality and efficient design.

Phase 01 of the Shewmaker Interceptor Improvements is being captured in this Amendment No. 01 and has been identified as an immediate critical project to support the known development projects within the lower Shewmaker Sewer Basin. The scope of services for Phase 01 includes preliminary and final design plans for upgrading approximately 6,700 linear feet of the existing interceptor consisting of 12-inch Vitrified clay pipe (VCP) from the North Lift Station to MH 320-3331, at the interceptor junction south of NE Tiger Blvd, to 24-inch PVC.

Phase 02 of the Shewmaker Interceptor Improvements has been identified as Amendment No. 02 and a critical project to support the future known development projects in the upper Shewmaker Sewer Basin. Phase 02 includes the preliminary and final design plans for upgrading approximately 9,000 linear feet of 10-inch to 12-inch VCP Interceptor in the upper Shewmaker Basin to 18-inch and 24-inch PVC, design of a new 7 MGD North Lift Station and design of 3,400 linear feet of new 18" force main to the WWRF. The Phase 02 interceptor improvements will be between MH 320-3331 at the interceptor junction south of NE Tiger Blvd and MH 363-6129 at E Battlefield Blvd and E Central Ave.

Upon completion of the preliminary and final design of each phase an opinion of probable construction cost (OPCC) will be developed for the improvements.

1. Project Management – Phase 01

- a. General Project Management & Document Control - Manage all efforts of the project team, individual team members, client coordination and sub-consultant management and



coordination. Manage and maintain appropriate records and documentation of project decisions, modifications, activities, communication, correspondence, and schedules.

- b. Kick-off Meeting – Conduct one (1) 2-hour in-person meeting with the Owner engineering staff to accelerate design process to hit accelerated design and construction timelines. Meeting minutes will be prepared and distributed by Garver.
- c. Progress Meetings – Conduct monthly progress meetings with the Owner. These meetings will be held in-person with a virtual option. Meeting agenda and minutes will be prepared and distributed by Garver.
- d. Quality Control - At the major milestones a Principal or Senior Engineer will conduct a review of the design. The quality review will follow the engineer's guidelines and procedures that have been established to ensure the application of industry design practices.
- e. Permitting and Stakeholder Coordination
 - Arkansas Department of Energy and Environment (ADEE) – This task includes submittal of Short Term Activity Authorizations (STAAs) and stormwater pollution prevention plan (SWPPP) for regulatory compliance review and comments. Coordinate and develop responses to regulatory review comments as directed by the Owner.
 - Arkansas Department of Health (ADH) – This task includes support for City of Bentonville in the submission of the preliminary and final design documents for review, coordination and comments. Coordinate and develop up to 2 responses to regulatory review comments as directed by the Owner.
 - US Army Corps of Engineers (USACE) – This task includes coordination with USACE throughout the preliminary and final design phase. It is assumed that construction impacts will qualify under a NW-58 general permit and no formal permit will be required. It is assumed that construction impacts of streambank restoration within the utility easement will qualify under NWP 13. This task does not include the preparation of an individual permit (IP).
 - Benton/Washington Regional Public Water Authority (BWRPWA / "Two-Ton") - This task includes general coordination with Two-Ton throughout the preliminary and final design phase to coordinate sewer alignment and construction near the existing Two-Ton water transmission lines and planned transmission main relocations. This task includes one (1) design coordination meeting with Two-Ton.
 - City of Bentonville (CoB) – This task includes submittal of an in-house large scale permit application and final design documents for CoB review and approval. This task also includes support for three rounds of CoB comments, including coordinating and developing responses to review comments as well as updating design documents as needed.
 - Miscellaneous Stakeholder Coordination – identify and perform general coordination with remaining stakeholders to understand potential design impacts, permitting requirements, and construction constraints. This coordination will be done via phone or email and does not include additional coordination meetings.



2. FEMA / No-Rise Certificate – Phase 01

a. City of Bentonville No-Rise Certification

The proposed project is located near the confluence of Shewmaker Creek and Town Branch Creek; these creeks are both mapped as Zone AE with floodway by FEMA. The proposed project is within the shared 1% annual chance floodplain of both creeks, but outside of the regulatory floodways. Garver will perform hydraulic analyses on Shewmaker Creek to determine the potential effects of the proposed project on the 1% annual chance floodplains.

The Benton County Flood Insurance Study (FIS) Report provides a summary of discharges along Shewmaker Creek and Town Branch Creek. These flows will be utilized for the hydraulic analyses. No additional hydrologic analyses will be performed; any required hydrologic analyses will be considered additional services.

Garver is currently performing a hydraulic analysis on Shewmaker Creek for a separate project and has already acquired the Effective hydraulic model. This model is a 1-dimensional (1D) HEC-RAS model. This model will be utilized for the Existing (Pre-Project) Conditions Model for Shewmaker Creek and will be updated per the proposed design to reflect Proposed (Post-Project) Conditions. Floodway runs will be conducted using the Effective floodway boundary to determine any adverse impacts to the floodway along Shewmaker Creek.

Based on the hydraulic analyses of Shewmaker Creek, a no-rise condition within the floodplain will be determined. Up to two (2) proposed conditions will be iterated to determine the design required to meet a no-rise. A hydraulic report will be developed describing the analyses, and a no-rise certificate will be provided if the proposed project shows no-rise to the existing Base Flood Elevations (BFEs) of both creeks. Because the net fill due to the project is estimated to be relatively small or none, the project is anticipated to cause no rise to the BFEs of both creeks. If the proposed project cannot meet the no-rise condition, a map revision will be required, and the tasks required for a map revision are not included in this scope and would be considered additional services.

3. Survey – Phase 01

a. Design Surveys

Garver will provide field survey data for detailed design of projects, as agreed to by Owner. This survey will be tied to the Owner's control network, with extents identified and agreed to in writing with Owner.

Garver will conduct field surveys, using Aerial Drone LiDAR, GPS, and radial topography methods, at intervals and for distances at and/or along the Project site as appropriate for modeling the existing ground, including locations of pertinent features or improvements. Aerial Drone LiDAR for the entirety of the Phase 01 and Phase 02 project areas have been included in this phase to increase consistency in survey data and efficiency in design.

Garver will locate all existing sewer manholes with rim and invert elevations, buildings and other structures, streets, drainage features, trees over eight inches in diameter, and visible utilities, as well as those underground utilities marked by their owners and/or representatives



and any other pertinent topographic features that may be present at and/or along the Project site for Phase 01. Additionally, existing sewer manholes with rim and invert elevations for Phase 02 will be collected in this phase increase consistency in survey data and efficiency in design. Garver will establish control points for use during construction.

b. Property Surveys

Garver will locate existing monumentation representing property lines, right of way and/or easements based on record data which will be provided by an abstractor under a subconsultant agreement with Garver.

Prepare right-of-entry (ROE) letters using the Owner's template for each affected property to perform necessary surveys. If property owners do not respond to the initial letter, send a follow-up request letter via certified U.S. Mail, return receipt requested. Furnish the return receipt to the Owner as evidence of its compliance with this paragraph.

4. Property Acquisition Documents (5 properties max) – Phase 01

a. Exhibits and Documentation

Garver will provide mapping as required for preparing easement acquisition documents to Garver's property acquisition sub-contractor to use in acquiring the easements necessary for the project. Documentation will include a key map showing all affected properties and an individual tract map with written description of temporary and permanent acquisition for each property. The fee for providing property acquisition documentation is based on permanent right of way and temporary construction easements for no more than five (5) properties. Property acquisition document preparation will begin after receiving the Owner's comments from the Preliminary Design review.

Garver will develop property owner notification letters, project information cards, and a project information PDF. Garver will distribute the property owner notification letters to the surrounding property owners. The project information cards will be used by all team personnel onsite to distribute to the public. This information card will be used to direct interested parties to the information website. The city will use the project information PDF to host an informational website that will be updated throughout the course of the project.

b. Property Acquisition Services

Garver will sub-contract a property acquisition service and provide acquisition documents to sub-contractor. Property appraisals and negotiations will be coordinated with the Owner for approval and provide negotiation services with property owners for required easements.

5. Geotechnical Investigation – Phase 01

Garver will determine geotechnical exploration locations for design and constructability of improvements. Garver will sub-contract geotechnical exploration services to determine general subsurface conditions at those locations and to gather data on which to base a geotechnical evaluation with respect to the proposed construction. The geotechnical exploration will gather



data for testing of subsurface soils, depth and type of rock, ground water, and other information needed for identification of excavation, backfill type and depth, and foundation designs.

The work will include test borings, laboratory analysis and geotechnical evaluation appropriate to address the geotechnical aspects of the proposed construction. The geotechnical exploration results & report will be provided to BWU as a stand-alone document from the geotechnical consultant.

The scope of services will include geotechnical site reconnaissance and subsurface exploration by test bores and laboratory analysis. The proposed subsurface exploration will consist of five (5) total test borings. During the advancement of each boring, disturbed samples will be collected using Standard Penetration Testing (SPT). Each boring will be advanced to the planned termination depth or auger refusal, whichever occurs first. Four (4) SPT samples will be collected in the upper 10 feet of each boring, followed by 5-foot sampling intervals thereafter. It should be noted that rock coring is not included in this proposal.

The following summarizes the proposed drilling program for Phase 01:

1. Four (4) test bores to a depth of 15 feet or auger refusal
2. One (1) test bore to a depth of 40 feet (including rock coring).

6. Environmental Services – Phase 01

a. Wetland Delineation

Garver will complete a wetland delineation of the Phase 1 Wetland Study Area, which comprises a total of approximately 4.1 acres and is defined as a 20-foot-wide corridor totaling 1.3 miles long for the proposed alignment and 40-foot-wide corridors for the potential re-route areas, which total approximately 0.2 mile long. These potential re-route areas are likely needed to accommodate a 20-foot-wide temporary construction easement (TCE), staging areas, and/or permanent easements per property owner negotiations. The delineation will include field evaluation and mapping of jurisdictional waters of the United States, including streams, in accordance with the regulatory guidance as of the date of notice to proceed. Each potentially jurisdictional feature will be mapped with a sub-meter GPS, which will be used to create shapefiles for use in determining avoidance and minimization of impacts. The delineation will utilize methodologies outlined in the Supplement to the Corps of Engineers Wetlands Delineation Manual: Eastern Mountains & Piedmont Regions Version 2.0. Garver will accomplish the following as part of the wetland delineation:

- Review pertinent resources related to the Phase 1 Wetland Study Area's hydrology and soils, and review of historical topographic maps and aerial photographs.
- Field survey of wetlands and streams within the Phase 1 Wetland Study Area.
- Create shapefiles from field collected data to be utilized in wetland report exhibits and for quantification of wetland acreages and stream lengths within the Phase 1 Wetland Study Area.
- Complete a wetland delineation report of findings that includes necessary documentation for submittal to the USACE to obtain a Preliminary Jurisdictional



Determination and appropriate Section 404 Nationwide Permit (NWP). This report will be delivered electronically.

Field verification with USACE, if required, is not included in this contract but can be added by contract amendment.

b. Section 404 Nationwide Permit Package and USACE Coordination

Garver will coordinate with the USACE regarding impacts to potentially jurisdictional waters of the United States and will assist in coordinating the issuance of a Section 404 Nationwide Permit (NWP). **A Section 404 Individual Permit and any mitigation planning beyond the requirements identified with a NWP are considered extra work.** Garver will:

- Assist with USACE coordination for the issuance of the appropriate Section 404 NWP for project impacts within the Phase 1 Wetland Study Area.
- Compile a Section 404 NWP package that will include the following:
 - Form 6082 (NWP).
 - Impact determinations (acreage and linear feet) shown on aerial exhibits and/or design plan sheets.
 - Functional Value Assessment for determining required wetland and/or stream mitigation credits.
- Locate a USACE-approved mitigation bank and coordinate with the Client to purchase the USACE-approved number of wetland and/or stream mitigation bank credits (if needed).
- Coordinate issuance of Section 404 NWP.

Garver will stay in close coordination with design team regarding revisions and design changes throughout the permitting process.

In support of Section 404 permitting, Garver will conduct initial coordination with the U.S. Fish and Wildlife (USFWS) to ensure federally listed threatened and endangered species of concern listed for the Phase 1 Wetland Study Area are identified, as well as their preferred habitats, to avoid/minimize impacts. This coordination includes receipt of an automated response from USFWS through their Information for Planning and Consultation (IPaC) project planning tool, which will assist in providing information related to species existence, habitat, and mitigation. If suitable habitat for any listed threatened or endangered species is encountered within the Phase 1 Wetland Study Area, it may be necessary to survey for certain species. Presence/absence surveys for any listed threatened or endangered species are not included as a part of this scope.

In support of Section 404 permitting and if required by USACE, Garver will conduct initial coordination with the State Historic Preservation Officer (SHPO) to determine if historic or archaeological sites are present within the Phase 1 Wetland Study Area. This would be done through submittal of a letter and maps to SHPO providing description of the project's area of potential effect. If SHPO recommends a Cultural Resources Survey be completed and if approved by the Client as additional work, a Phase I Cultural Resources Survey of the Phase



1 Wetland Study Area will be performed and the results provided to SHPO and USACE in support of Section 106 clearance. If an adverse effect is determined by SHPO, additional coordination, surveys, or reporting can be completed as extra work.

c. Accommodation of Design Changes

Garver will conduct additional coordination as needed with the USACE regarding impacts to potentially jurisdictional waters of the United States resulting from design changes. Phase 1 design changes are anticipated due to the expedited project schedule and need to submit information to USACE as soon as possible.

As necessary, Garver will revise project impacts associated with the potential re-route areas within the 40-foot-wide corridors, which total approximately 0.2 mile long. Garver will re-calculate mitigation credit requirements if necessary and coordinate changes with mitigation bank(s) and USACE. Garver will submit revised project impact information to USACE for their issuance of the appropriate Section 404 NWP. These supplemental documents will be delivered electronically to USACE. Revisions resulting in a new alignment or routes beyond the currently identified potential re-route areas would be considered extra work.

As the small site construction stormwater pollution prevention plan (SWPPP) and Short Term Activity Authorizations (STAAs) being prepared for Phase 1 will not be submitted to the Arkansas Division of Environmental Quality (DEQ) until the alignment is finalized, revisions to the Phase 1 SWPPP and STAAs are not anticipated to be required and would be considered extra work.

d. DEQ Water Quality Permitting

As there are no 303(d) listed streams in the Phase 1 Wetland Study Area (per Arkansas DEQ EnviroView website) and Garver assumes that blanket Section 401 water quality certification from the DEQ will be obtained through issuance of the appropriate Section 404 NWP, individual water quality certification planning is not anticipated and considered extra work.

Garver will prepare a small site construction stormwater pollution prevention plan (SWPPP) and notice of coverage in accordance with DEQ standards in order to obtain a National Pollutant Discharge Elimination System (NPDES) permit for proposed work within the Phase 1 Wetland Study Area. If design changes result in total ground disturbance greater than 5 acres for Phase 1 work, a large site SWPPP would be required. Preparation of a large site SWPPP is beyond this scope of work but can be completed as extra work. Garver will:

- Review, comment on, and refine SWPPP design sheets to meet DEQ standard requirements for site plans.
- Work with designers on selection of best management practices (BMPs) for erosion and sediment control.
- Complete written SWPPP report per DEQ template.

Garver will coordinate issuance of up to seven (7) Short Term Activity Authorizations (STAAs) in accordance with DEQ standards for stream crossings. Garver will pay the permitting fee for up to 7 STAAs (estimated at \$1,050).



7. Basis of Design Report (BODR)

- a. Updated Model Evaluation - Use updated Owner model completed by others to confirm existing and future flows in the Shewmaker Interceptor and North Lift Station for existing conditions, as well as Phase 01 and Phase 02 improvements and flow projections. Any information, including model infrastructure data and calibrations, provided to Garver by Owner is assumed as correct.
 - Evaluate design elements of North Lift Station to increase capacity without major structural changes after completion of Phase 01 interceptor improvements and provide recommendations if improvements are required. Evaluations are limited to pump replacement, suction pipe upsizing, and connecting 12-inch force main into 24-inch parallel force main.
 - Document capacities of proposed interceptor design sizes based on future flows and project phases. Prepare an HGL exhibit that shows the proposed improvements for each alternative.
- b. Documentation of Route Analysis – Identify potential betterments to the provided alignment taking into consideration the future development and roadway improvements. Betterments include general improvements to the existing route and do not include analysis of new pipeline corridors. Included in this task is an evaluation of the existing ROW/easements and what additional easements may be needed. Plan view exhibits will be prepared and provided to the Owner for discussion.
- c. Documentation of Future Capacity Analysis - Use updated Owner model to confirm improved interceptor capacity with existing flows, existing with near-term development flows (known project flows), and future flows.
- d. Summarize the methodology and results of all evaluations/analyses for the proposed improvements in the BODR. An electronic draft of the report will be submitted to the Owner for review. Upon receiving comments from the Owner, GARVER will incorporate comments and issue a final version of the BODR.
- e. BODR Design Review Meeting – Conduct one (1) 1-hour virtual workshop with the Owner to present and review the Basis of Design Report (BODR) deliverable, discuss review comments, and confirm design path forward. Meeting minutes will be prepared and distributed by Garver.

8. Preliminary Design – Phase 01

- a. 50% Plans – Prepare alignment plan and profile drawings (1":20'). These plans will be to a 50% level and will include proposed interceptor and manhole locations, property ownership, trenchless construction identified, and spacing to existing infrastructure. The following is the estimated sheet list:
 - Cover sheet (Assume 1 sheet)
 - Location/Key map (Assume 1 sheet)
 - General notes, legend, abbreviations (Assume 3 sheets)



- Project control sheet (Assume 1 sheet)
- Easement layouts (Assume 8 sheets)
- Plan and profile sheets (Assume 16 sheets)
- Civil detail sheets (Assume 8 sheets)

Estimated total number of sheets: 38

- b. 50% OPCC – Prepare an estimate of construction quantities and develop an AACE Class 2 (-15% to +20%) preliminary opinion of probable construction cost (OPCC).
- c. 50% Design Review Meeting – Conduct one (1) 2-hour in-person workshop with the Owner to present and review the 50% design deliverable, discuss review comments, and confirm design path forward. Meeting minutes will be prepared and distributed by Garver.
- d. Deliverables

The following will be submitted to the Owner in Digital PDF format in conjunction with an online review session:

- Design (50%) plans
- AACE Class 2 OPCC

9. Final Design – Phase 01

- a. 100% Plans – Following approval of the preliminary design plans, Garver will prepare final design plans (100%) for all sheets.
- b. 100% Specifications – Following approval of the draft final specifications, Garver will prepare final design specifications (100%). These specifications will include all technical specifications and the front-end documents including proposal forms, notice to bidders, bid forms, and bond forms.
- c. 100% OPCC – Prepare an estimate of construction quantities and develop an AACE Class 2 (-10% to +15%) opinion of probable construction cost (OPCC).
- d. 100% Design Review Meeting – Conduct one (1) 2-hour in-person workshop with the Owner to present and review the 100% design deliverables, discuss review comments, and confirm design path forward. Meeting minutes will be prepared and distributed by Garver.
- e. Issued for Bid Documents – Incorporate comments received on the 100% submittal and regulatory permits and prepare bid ready documents.
- f. Deliverables

The following will be submitted to the Owner in Digital PDF format in conjunction with an online review session:

- Final Design (100%) plans
- Design (100%) specifications
- AACE Class 1 OPCC
- 50% Owner comment spreadsheet with comment responses



- Issued regulatory permits and bid ready documents.

10. Bidding Services - Phase 01

The bidding period for bidders is anticipated to extend for a 60-day duration. During the bidding phase of the project, Garver will:

- a. Provide support for bid advertisement, construction contract documents, and any associated information for download by prospective bidders.
- b. Support the contract documents by preparing up to two (2) addenda as appropriate.
- c. Prepare agenda and facilitate one (1) pre-bid meeting, as well as prepare meeting minutes with bidder attendance.
- d. Attend the bid opening, prepare bid tabulation, evaluate bids, and recommend award.
- e. Issued for Construction Documents – Incorporate any required changes and addenda to construction ready documents.
- f. Deliverables

The following will be submitted to the Owner in Digital PDF format:

- Issued for Bid Plans
- Issued for Bid Specifications
- AACE Class 1 OPCC
- Bid opening agenda, meeting minutes and recommendation of award
- Issued for Construction Plans
- Issued for Construction Specifications
- 100% Owner comment spreadsheet with comment responses

Issued for Bid – Hardcopy Documents:

- Two (2) full size (22"x34") sets of plans
- Two (2) half sized (11"x17") sets of plans
- Two (2) specification books

11. Extra Work Not Included

The following items are not included under this agreement but will be considered as extra work:

- A. Redesign for the Owner's convenience or due to changed conditions after previous alternate direction and/or approval
- B. Tree survey by a certified arborist
- C. Storm drainage design for street improvements
- D. Profiling of street improvements
- E. Subsurface Utility Engineering (SUE) (Owner to secure direct contract)
- F. Submittals or deliverables in addition to those listed herein
- G. Design of any utilities relocation other than the water and wastewater segments listed
- H. Traffic Control Plans



- I. Completion of a National Environmental Policy Act (NEPA) document
- J. Conducting a quantitative air quality analysis or air quality modeling
- K. Conducting a noise impact analysis
- L. Conducting threatened or endangered species surveys
- M. Obtaining Section 7 clearance from USFWS
- N. Preparation of a detailed habitat assessment report
- O. Tribal coordination
- P. Conducting archaeological site monitoring or cultural resources surveys and/or architectural surveys beyond the Phase I cultural resources survey
- Q. Developing a cultural resources mitigation plan
- R. Developing a Memorandum of Agreement (MOA) or completion of mitigation stipulations related to a MOA
- S. Section 404 Individual Permit and any mitigation planning beyond the requirements identified with a Section 404 NWP, including on-site and/or off-site permittee responsible mitigation
- T. Individual water quality certification
- U. Phase I or II Environmental Site Assessment
- V. Coordination with FEMA for preparation/submittal of a CLOMR and/or LOMR, including Section 7 clearance for documenting “no take”
- W. Environmental Handling and Documentation, including mitigation plans or other work related to environmentally or historically (culturally) significant items
- X. Cost Recovery Matrix
- Y. Construction Services

Extra Work will be as directed by the Owner in writing for an additional fee as agreed upon by the Owner and Garver.

12. Schedule

Garver shall begin work under this Agreement within three (3) days of a Notice to Proceed (NTP). Subconsultants shall begin work under this agreement within ten (10) days of a signed contract and shall complete the work in accordance with a mutually agreed upon schedule. Schedule as proposed assumes design and construction of upper interceptor, north lift station, and force main occur concurrently in Phase 02.

Major task timelines with the accelerated design schedule are provided below:

Phase Description	Workdays
Survey & Easements – Phase 01	60 work days from NTP
Environmental Survey & Preliminary Jurisdictional Determination – Phase 01	36 work days from NTP
Basis of Design Report	20 work days from NTP
Preliminary Design – 50% - Phase 01	36 work days from receipt of Survey
Final Design – 100% - Phase 01	36 work days from approval of Preliminary Design
Bidding Services – Phase 01	20 work days from City Approval



**EXHIBIT B - 1
(AMENDED COMPENSATION SCHEDULE)**

The table below presents a summary of the fee amounts and fee types for this Agreement.

WORK DESCRIPTION	FEE AMOUNT	FEE TYPE
Project Management	\$15,062.00	Hourly Rate + Expenses
Historical Data Review	\$4,953.00	
Baseline Development	\$25,533.00	
Collection System Assessment	\$111,070.00	
Capital Improvements Plan Development	\$64,020.00	
Critical Project Conceptual Design	\$173,862.00	
TOTAL FEE	\$394,500.00	
AMENDMENT NO. 01		
Project Management – Phase 01	\$64,540.00	Hourly Rate + Expenses
FEMA / No-Rise Certificate – Phase 01	\$13,270.00	
Survey – Phase 01	\$88,350.00	
Property Acquisition Documents (5 properties max) – Phase 01	\$34,540.00	
Geotechnical Investigation – Phase 01	\$9,430.00	
Environmental Services – Phase 01	\$64,140.00	
Basis of Design Report	\$35,350.00	
Preliminary Design – Phase 01	\$122,660.00	
Final Design – Phase 01	\$108,660.00	
Bidding Services – Phase 01	\$19,250.00	
TOTAL FEE	\$560,190.00	
TOTAL AMENDED CONTRACT FEE		
TOTAL FEE	\$954,670.00	Hourly Rate + Expenses

The Owner will pay Garver for Service rendered at the agreed upon rates for each classification of Garver's personnel (may include contract staff classified at Garver's discretion) plus reimbursable expenses including but not limited to printing, courier service, reproduction, and travel. The total amount paid to Garver under this Agreement is estimated to be \$394,500.00 + \$560,190.00 for a total fee of \$954,670.00. The agreed upon rates will be increased annually with the first increase effective on or about July 1, 2026. Notwithstanding the foregoing, Garver shall be entitled, in its sole discretion, to substitute a more qualified person (e.g., C-4) with a less qualified person (e.g., C-1); provided however, in such event Garver shall only be entitled to payment at the lesser rate.

Expenses other than salary costs that are directly attributable to performance of our Services will be billed as follows:

1. Direct cost for outside reproduction and presentation material preparation, and mail/courier expenses.



2. Charges similar to commercial rates for reports, plan sheets, presentation materials, etc.

Garver shall provide Owner notice when Garver is within ten percent (10%) of the not-to-exceed amount. In which event, Owner may direct Garver to proceed with the Services up to the not-to-exceed budgetary threshold before ceasing performance of the Services or increase the not-to-exceed amount with notice to Garver. Underruns in any phase may be used to offset overruns in another phase as long as the overall Agreement amount is not exceeded.



(AGREED UPON RATES)
Bentonville Water Utilities
Bentonville Sewer Imps and MP - Amendment No. 1
Garver Hourly Rate Schedule: July 2025 - June 2026

Classification	Rates	Classification	Rates
Engineers / Architects		Resource Specialists	
E-1	\$ 141.00	RS-1	\$ 113.00
E-2	\$ 164.00	RS-2	\$ 149.00
E-3	\$ 188.00	RS-3	\$ 211.00
E-4	\$ 220.00	RS-4	\$ 290.00
E-5	\$ 268.00	RS-5	\$ 362.00
E-6	\$ 329.00	RS-6	\$ 446.00
E-7	\$ 457.00	RS-7	\$ 498.00
Planners		Environmental Specialists	
P-1	\$ 170.00	ES-1	\$ 113.00
P-2	\$ 213.00	ES-2	\$ 142.00
P-3	\$ 265.00	ES-3	\$ 181.00
P-4	\$ 296.00	ES-4	\$ 214.00
P-5	\$ 333.00	ES-5	\$ 269.00
Designers		ES-6	\$ 345.00
D-1	\$ 128.00	ES-7	\$ 431.00
D-2	\$ 146.00	ES-8	\$ 487.00
D-3	\$ 174.00	Project Controls	
D-4	\$ 208.00	PC-1	\$ 115.00
D-5	\$ 256.00	PC-2	\$ 152.00
Technicians		PC-3	\$ 194.00
T-1	\$ 103.00	PC-4	\$ 248.00
T-2	\$ 124.00	PC-5	\$ 303.00
T-3	\$ 151.00	PC-6	\$ 392.00
T-4	\$ 195.00	PC-7	\$ 491.00
Surveyors		Management / Administration	
S-1	\$ 63.00	AM-1	\$ 82.00
S-2	\$ 84.00	AM-2	\$ 104.00
S-3	\$ 113.00	AM-3	\$ 145.00
S-4	\$ 161.00	AM-4	\$ 186.00
S-5	\$ 203.00	AM-5	\$ 227.00
S-6	\$ 237.00	AM-6	\$ 295.00
S-7	\$ 280.00	AM-7	\$ 378.00
S-8	\$ 353.00	M-1	\$ 552.00
2-Man Crew (Survey)	\$ 244.00		
3-Man Crew (Survey)	\$ 305.00		
2-Man Crew (GPS Survey)	\$ 301.00		
3-Man Crew (GPS Survey)	\$ 374.00		
Construction Observation			
C-1	\$ 122.00		
C-2	\$ 152.00		
C-3	\$ 186.00		
C-4	\$ 240.00		
C-5	\$ 289.00		