



City of Bentonville
Bentonville Utility Board Meeting
Tuesday, June 6th – 11:30 am
Bentonville City Hall 305 SW “A” St.
City Council Chambers

AGENDA

Call to Order
Pledge of Allegiance
Attendance
Approval of Minutes: May 16th, 2023

New Business

1. Resolution Bid Award – IDIQ – General Water/Sewer Maintenance Work – Preston Newbill (pages 2-7)
2. Resolution – Spring Creek Sewer Design Service (ARPA Funds) – Mike Bender, PE (pages 8-38)
3. Resolution – Esource Water Loss Evaluation – Mike Bender, PE (pages 39-55)
4. Adjournment



Agenda Item Form

Date of City Council Meeting	6/13/2023
Department	Water/Sewer Rehab
Submitted by	Preston Newbill
Phone	(479) 271-3140

Item Type: (Check Applicable Item Type)					
☐ Budget Adjustment	☐ Change Order	☐ Informational	☐ Ordinance	☒ Resolution	☒ Bid Award
Recommendation/Suggested Action (Enter recommendation in space below):					
Resolution to award IFB-23-38 Indefinite Delivery, Indefinite Quantity (IDIQ) Water and Sewer Maintenance Work to SY CON Excavation and Utilities per the Unit Prices attached, for a Contract amount not to exceed \$500,000.00. This Contract will be for a one year term (re-bid annually based on City needs). The estimated cost reflected in this Agenda Item is representative of the Water and Sewer Rehab Department's maintenance budget for 2023. This was the sole bid received. No Budget Adjustment is needed.					

Estimated Cost	\$200,000
Is this Item Budgeted?	☒ Yes ☐ No
If no, please explain how item will be funded (briefly explain in space below) :	



Memo



To: City Council, Mayor Orman
From: Preston Newbill
CC: Mike Bender, Kevin Alsup
Date: June 13, 2023
Re: Resolution to Award Bid IFB-23-38

Resolution to award IFB-23-38 Indefinite Delivery, Indefinite Quantity (IDIQ) Water and Sewer Maintenance Work to SY CON Excavation and Utilities per the Unit Prices attached, for a Contract amount not to exceed \$500,000.00. This Contract will be for a one year term (re-bid annually based on City needs). The estimated cost reflected in this Agenda Item is representative of the Water and Sewer Rehab Department's maintenance budget for 2023.

Due to the regular maintenance associated with our water distribution and wastewater collection system exceeding our existing staff's ability to meet the demand it has become necessary to bid out predetermined job duties. The IDIQ contract associated with this Resolution gives us the ability to contract out those job duties allowing us to meet the demands of our systems. This will be paid for out of our annual budget maintenance account in water and sewer rehab. We have estimated \$150,000 for water and \$50,000 for sewer rehab. Depending on the success of this option we may come back and ask for a budget adjustment adding to the maintenance account from the utility fund to complete the work needed.

Thank you for your consideration of this request.



MEMORANDUM

LEGAL DEPARTMENT - PURCHASING

FROM: Gladys Shoemake, Purchasing Manager

DATE: May 24, 2023

RE: IFB-23-38 IDIQ – WATER AND SEWER MAINTENANCE WORK BID AWARD

The IFB-23-38 Bid Award for Water and Sewer Maintenance Work represents our initiative to implement more city-wide solutions instead of department specific solutions.

IDIQ stands for “Indefinite Delivery, Indefinite Quantity”, meaning that the Contract is used on an as needed basis per the Unit Prices submitted in the Bid.

The IFB-23-38 Contract has a Not to Exceed amount set at \$500,000.00. This means that the total payments to the Contractor during the one-year term, city-wide, cannot exceed \$500,000.00 without an amendment approved by Council. Each Department will have access to use this Contract based on their Departmental needs and budgets.

The lead Departments on this solicitation were the Water and Sewer Rehab Departments, and as such they are bringing the Bid Award forward for approval. The Estimated Cost in their Agenda Item represents maintenance budget amounts for 2023.

Additional IDIQ contract types are under review in our Department for future use, and a Sidewalk and Concrete IDIQ contract is out for re-bid currently.

Please contact me with any questions.

Thank you,

Gladys Shoemake

(479) 271-3115

gshoemake@bentonvillear.com

CITY OF BENTONVILLE, ARKANSAS PURCHASING DEPARTMENT					
FORMAL SEALED BID TABULATION					
Date of Bid Opening:	5/16/2023	Time of Bid Opening:	2:00 PM	Solicitation ID Number:	IFB-23-38
Solicitation Title: IDIQ Water and Sewer Maintenance Work					
Bidder: SY CON Excavation & Utilities					
BID ITEM	EST. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
Unit Prices: Demolition					
1	1,500	SY	4" concrete demolition, including haul off	\$45.00	\$67,500.00
2	1,000	SY	6" concrete demolition, including haul off	\$50.00	\$50,000.00
3	2,000	SY	2-6" asphalt demolition, including haul off	\$30.00	\$60,000.00
4	1,000	SY	6"+ asphalt demolition, including haul off	\$40.00	\$40,000.00
5	1,000	LF	Curb and gutter demolition, including haul off	\$60.00	\$60,000.00
Unit Prices: Surface Repair Work					
6	4,000	SY	Seed and straw (Seed rate of 8 pounds per 1,000 square feet)	\$8.00	\$32,000.00
7	3,000	SY	Furnish and Install Sod (Fescue)	\$6.00	\$18,000.00
8	500	SY	Furnish and Install Sod (Zyosia)	\$34.00	\$17,000.00
9	5,000	SY	Furnish and Install Sod (Bermuda)	\$8.00	\$40,000.00
10	3,500	SY	Furnish and install topsoil 4"– Over 200 SY	\$4.50	\$15,750.00
11	5,000	SY	Furnish and install topsoil 4" Under 200 SY	\$10.60	\$53,000.00
Unit Prices: Road Repair					
12	5,500	SY	Asphalt Repair (cold mix per BWU) (include Class 7 base and compaction)	\$30.00	\$165,000.00
Unit Prices: Concrete Work					
13	1,000	LF	Construct curb and gutter per Street Specifications (include base in price)	\$120.00	\$120,000.00
14	500	SY	Construct sidewalks per Street Specifications (include base in price)	\$122.00	\$61,000.00
15	100	SY	Construct driveways (include base in price)	\$145.00	\$14,500.00
Unit Prices: Water Service Installation (all taps performed by BWU)					
16	100	EA	Furnish and Install New Water Service Single 5/8" w/ Long Side	\$1,140.00	\$114,000.00
17	120	EA	Furnish and Install New Water Service Double 5/8" w/ Long Side	\$1,240.00	\$148,800.00
18	20	EA	Furnish and Install New Water Service 1" w/ Long Side	\$1,382.00	\$27,640.00
19	5	EA	Furnish and Install New Water Service 2" w/ Long Side (per BWU detail)	\$3,960.00	\$19,800.00
20	100	EA	Furnish and Install New Water Service Single 5/8" Main Side	\$900.00	\$90,000.00
21	120	EA	Furnish and Install New Water Service Double 5/8" Main Side	\$900.00	\$108,000.00
22	20	EA	Furnish and Install New Water service 1" Main Side	\$950.00	\$19,000.00
23	5	EA	Furnish and Install New Water service 2" Main Side (per BWU Detail)	\$3,860.00	\$19,300.00
Unit Prices: Water Service line replacement (Corporation and Meter Setter to remain)					
24	500	LF	Furnish and Install New service line 1", Main side	\$10.00	\$5,000.00
25	500	LF	Furnish and Install New service line 1", Long Side	\$12.00	\$6,000.00
26	100	LF	Furnish and replace private water service 1" (licensed Plumber required)	\$27.00	\$2,700.00
27	100	LF	Furnish and replace private water service 3/4" (licensed Plumber required)	\$27.00	\$2,700.00
Unit Prices: Miscellaneous Installations and replacement					
28	10	EA	Furnish and Install 18" Meter tile and lid	\$340.00	\$3,400.00
29	5	EA	Furnish and Install 18" lid replacement	\$200.00	\$1,000.00
30	10	EA	Furnish and Install 18" DFW load rated meter tile	\$367.00	\$3,670.00

BID ITEM	EST. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
Unit Prices: Miscellaneous Installations and replacement continued					
31	5	EA	Furnish and Install 18" DFW load rated polymer lid	\$240.00	\$1,200.00
32	5	EA	Furnish and Install 24" x 30" meter tile and lid	\$700.00	\$3,500.00
33	50	EA	Adjust Elevation of meter tile and setter	\$160.00	\$8,000.00
34	25	EA	Adjust valve boxes (up to 6")	\$350.00	\$8,750.00
35	10	EA	Adjust valve boxes (additional 6" increments, first 6" paid for using the Unit Price above)	\$725.00	\$7,250.00
36	40	EA	Furnish and replace fire hydrant	\$4,900.00	\$196,000.00
37	20	EA	Furnish and install fire hydrant traffic repair kit	\$620.00	\$12,400.00
38	200	EA	Prep. and paint fire hydrant (include number stencil)	\$75.00	\$15,000.00
39	300	EA	Furnish and install fire hydrant seat kit	\$540.00	\$162,000.00
40	100	EA	Pipe excavation, 0'-2' deep 0-10' long	\$700.00	\$70,000.00
41	150	EA	Pipe excavation, 2'-6' deep 0-10' long include trench safety	\$1,525.00	\$228,750.00
42	150	EA	Pipe excavation, 6'-12' deep 0-10' long include trench safety	\$5,000.00	\$750,000.00
Unit Prices: Sewer					
43	500	LF	Light Cleaning Sanitary Sewer up to 12" diameter	\$4.00	\$2,000.00
44	1,000	LF	Light Cleaning Sanitary Sewer above 12" to 24" diameter	\$5.00	\$5,000.00
45	2,000	LF	Light Cleaning Sanitary Sewer above 24" to 36" diameter	\$6.00	\$12,000.00
46	500	LF	Heavy Cleaning Sanitary Sewer up to 12" diameter	\$7.00	\$3,500.00
47	1,000	LF	Heavy Cleaning Sanitary Sewer above 12" to 24" diameter	\$13.00	\$13,000.00
48	2,000	LF	Heavy Cleaning Sanitary Sewer above 24" to 36" diameter	\$20.00	\$40,000.00
49	500	LF	Camera Inspection on 4" - 12" diameter	\$4.00	\$2,000.00
50	1,000	LF	Camera Inspection on above 12" - 24" diameter	\$7.00	\$7,000.00
51	2,000	LF	Camera Inspection on above 24" to 36" diameter	\$8.00	\$16,000.00
52	5	EA	Replace Manhole ring and lid.	\$3,000.00	\$15,000.00
53	5	EA	Adjust manhole lid elevation (up to 4")	\$460.00	\$2,300.00
54	5	EA	Adjust manhole lid elevation (in 6" increments up to 24")	\$5,000.00	\$25,000.00
55	1	EA	Remove cone and raise manhole (2' minimum in 1' increments)	\$8,000.00	\$8,000.00
56	10	EA	Construct 4' diameter manhole, less than or equal to 6' deep	\$7,200.00	\$72,000.00
57	1	LF	Additional Depth for a 4' Diameter Manhole	\$800.00	\$800.00
58	10	EA	Construct 6' diameter manhole, less than or equal to 6' deep	\$13,000.00	\$130,000.00
59	1	LF	Additional Depth for a 6' Diameter Manhole	\$1,000.00	\$1,000.00
60	5	EA	Remove Existing manhole	\$2,500.00	\$12,500.00
61	1	EA	Abandon Manhole in place	\$2,500.00	\$2,500.00
62	2	EA	Replace 2" air vacuum/release valve	\$1,900.00	\$3,800.00
63	2	EA	Replace 3" air vacuum/release valve	\$2,900.00	\$5,800.00
Unit Prices: Sewer Services (Use of non-shear or PVC couplings only)					
64	400	LF	Furnish and install 4" sewer service line includes excavation (requires state licensed plumber)	\$35.00	\$14,000.00
65	20	EA	Install sewer service check valve	\$800.00	\$16,000.00
66	25	EA	Install or Replace Clean-out (Relief valve required)	\$900.00	\$22,500.00
67	30	EA	Repair Broken Cleanout (Relief valve required)	\$900.00	\$27,000.00
Traffic Control					
68	20	EA	Local Street Closure (one day)	\$1,500.00	\$30,000.00

BID ITEM	EST. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
General Labor Rates					
69	1	Per Hour	Per Hour Labor – Miscellaneous (In dollars per hour for miscellaneous items) (This dollar amount is outside of the Line Items in this Bid – all other Line Items shall include labor rates in addition to all other costs)	\$35.00	\$35.00
70	1	Per Hour	Equipment and Operator (In dollars per hour for miscellaneous items) (This dollar amount is outside of the Line Items in this Bid – all other Line Items shall include equipment and operator costs in addition to all other costs)	\$135.00	\$135.00
Total Bid Price				\$3,336,480.00	
Additional Pricing - Not Included in Total Bid Price:					
The pricing below shall not be included in the Total Bid Price Calculation, however these amounts will govern in the event that there is a priority start or an emergency start (as defined below). These charges shall be conveyed in the format of a “surcharge”. Contractor may elect to waive these charges for any specific Work Assignment, provided that such waiver is in writing to the City.					
Surcharge for Priority Start (within 7 calendar days of Work Assignment Date): \$1,500.00 Flat Fee					
Surcharge for Emergency Start (within 12 hours of written notification): \$5,000.00 Flat Fee					
*Bid Item 10 Extended Price and Total Bid Price corrected during Bid Evaluation.					



Agenda Item Form

Date of City Council Meeting	6/06/2023 Utility Board: 6/13/23 City Council
Department	Sewer Rehab
Submitted by	Mike Bender, Preston Newbill
Phone	(479) 271-3140

Item Type: (Check Applicable Item Type)					
☒ Budget Adjustment	☐ Change Order	☐ Informational	☐ Ordinance	☒ Resolution	☐ Bid Award
Recommendation/Suggested Action (Enter recommendation in space below):					
Resolution authorizing the Mayor to enter into a professional services agreement with Olsson, Inc. for the design of Spring Creek Sewer Interceptor (formerly XNA Sewer Interceptor) in the amount of \$250,265.00. ARPA funds will be used to fund the design of the project. A budget adjustment is needed to recognize the ARPA funds. This firm was selected following the City's standard SOQ selection process for the procurement of professional services in accordance with state law.					

Estimated Cost	\$250,265.00
Is this Item Budgeted?	☐ Yes ☒ No
If no, please explain how item will be funded (briefly explain in space below) :	
ARPA funds will be used to fund the design.	



Memo



To: City Council, Mayor Orman
From: Mike Bender
CC:
Date: June 2, 2023
Re: Spring Creek Sewer Interceptor

Resolution authorizing the Mayor to enter into a professional services agreement with Olsson, Inc. for the design of Spring Creek Sewer Interceptor (formerly XNA Sewer Interceptor) in the amount of \$250,265.00. ARPA funds will be used to fund the design of the project. A budget adjustment is needed to recognize the ARPA funds.

Development in the southwestern portion of the City has been strong for several years, density of development in the area has increased, and with a new school on Barron Road, development along Hwy 12/SW Regional Airport Blvd. will continue. Said development has already created capacity issues in the sanitary sewer collection system along Hwy 12. In order to relieve capacity issues, staff proposes installing an additional interceptor extending from near the northern end of Northwest Arkansas National Airport (XNA) to the NACA line along Mill Dam Road. The City has public sewer that utilizes the XNA lift station collecting sewer and pumping back to the Hwy 279-Hwy 12 intersection. The new interceptor would collect the sewer south of the referenced intersection relieving capacity in sewer flowing east from the referenced intersection.

Thank you for your consideration of this request.



Budget Adjustment Request

Date of City Council Meeting	6/13/2023
Department	Water Utilities
Submitted by	Mike Bender
Phone	(479) 271-6873

Purpose of Budget Adjustment (Enter purpose in space below):

Enter into an Agreement with Olsson, Inc. to perform the services related to the Springcreek Sanitary Sewer Project in the amount of \$250,265.00, and adjust the Budget for the total Agreement cost utilizing ARPA funds.

General Ledger Account Information*				
Org (Department)	Object	Account Description	Revenue + (-)	Expense + (-)
401010	47341	Sewer Line Improvements		\$ 250,265.00
		Totals	\$ -	\$ 250,265.00
		Net Impact on Fund Balance	\$	(250,265.00)
*Final Account Number will be determined by Accounting Department after approval and purchase				



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PLEASE RECYCLE





LETTER AGREEMENT FOR PROFESSIONAL SERVICES

May 10, 2023

City of Bentonville, Arkansas
Attn: Mike Bender
3200 SW Municipal Drive
Bentonville, Arkansas 72712

Re: **LETTER AGREEMENT FOR PROFESSIONAL SERVICES**
Spring Creek Sewer Interceptor (the "Project")
Bentonville, AR

Dear Mr. Bender:

It is our understanding that the City of Bentonville, AR ("Client") requests Olsson, Inc. ("Olsson") to perform the services described herein pursuant to the terms of this Letter Agreement for Professional Services, Olsson's General Provisions and any exhibits attached hereto (all documents constitute and are referred to herein as the "Agreement") for the Project.

Olsson has acquainted itself with the information provided by Client relative to the Project and based upon such information offers to provide the services described below for the Project. Client warrants that it is either the legal owner of the property to be improved by this Project or that Client is acting as the duly authorized agent of the legal owner of such property. Client acknowledges that it has reviewed the General Provisions and any exhibits attached hereto, which are expressly made a part of and incorporated into the Agreement by this reference. In the event of any conflict or inconsistency between this Letter Agreement, and the General Provisions regarding the services to be performed by Olsson, the terms of the General Provisions shall take precedence.

Olsson shall provide services as specifically described in "Scope of Services" attached hereto. Should Client request work in addition to the Scope of Services, Olsson shall invoice Client for such additional services (Optional Additional Services) at the standard hourly billing labor rate charged for those employees actually performing the work, plus reimbursable expenses if any. Olsson shall not commence work on Optional Additional Services without Client's prior written approval.

Olsson agrees to provide all of its services in a timely, competent and professional manner, in accordance with applicable standards of care, for projects of similar geographic location, quality and scope.

SCHEDULE FOR OLSSON'S SERVICES

Unless otherwise agreed, Olsson expects to perform its services under the Agreement as follows:

Anticipated Start Date: 7/15/2023

Anticipated Completion Date: 9/15/2024

Olsson will endeavor to start its services on the Anticipated Start Date and to complete its services on the Anticipated Completion Date. However, the Anticipated Start Date, the Anticipated Completion Date, and any milestone dates are approximate only, and Olsson reserves the right to adjust its schedule and any or all of those dates at its sole discretion, for any reason, including, but not limited to, delays caused by Client or delays caused by third parties.

COMPENSATION

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 attached to this Agreement. Anticipated expenses have been included in the estimate. Olsson shall submit invoices on a monthly basis and payment is due within 30 calendar days of invoice date. Olsson's Scope of Services will be provided on a time and expense basis not to exceed \$250,265.00

TERMS AND CONDITIONS OF SERVICE

We have discussed with you the risks, rewards and benefits of the Project, the Scope of Services, and our fees for such services and the Agreement represents the entire understanding between Client and Olsson with respect to the Project. The Agreement may only be modified in writing signed by both parties.

Client's designated Project Representative shall be Beau Thompson.

If this Agreement satisfactorily sets forth your understanding of our agreement, please sign in the space provided below. Retain one original 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 
Chris Dougherty, P.E., Senior Engineer

By 
Brad Hammond, P.E., Office Leader

By signing below, you acknowledge that you have full authority to bind Client to the terms of the Agreement. If you accept the terms set forth herein, please sign:

CITY OF BENTONVILLE, ARKANSAS

By _____
Signature

Print Name _____

Title _____

Dated _____

Attachments

- General Provisions
- Scope of Services
- Standard Labor Rate Schedule
- Reimbursable Expense Schedule
- Bentonville South Sewer Layout
- Boring Location Map

GENERAL PROVISIONS

These General Provisions are attached to and made a part of the respective Letter Agreement or Master Agreement, dated May 10, 2023 between City of Bentonville, AR ("Client") and Olsson, Inc. ("Olsson") for professional services in connection with the project or projects arising under such Letter Agreement or Master Agreement (the "Project(s)").

As used herein, the term "this Agreement" refers to these General Provisions, the applicable Letter Agreement or Master Agreement, and any other exhibits or attachments thereto as if they were part of one and the same document.

SECTION 1—OLSSON'S SCOPE OF SERVICES

Olsson's scope of services for the Project(s) is set forth in the applicable Letter Agreement or Master Agreement ("Scope of Services").

SECTION 2—ADDITIONAL SERVICES

2.1 Unless otherwise expressly included, Scope of Services does not include the categories of additional services set forth in Sections 2.2 and 2.3.

2.2 If Client and Olsson mutually agree for Olsson to perform any optional additional services as set forth in this Section 2.2 ("Optional Additional Services"), Client will provide written approval of the agreed-upon Optional Additional Services, and Olsson shall perform or obtain from others such services and will be entitled to an increase in compensation at rates provided in this Agreement. Olsson may elect not to perform all or any of the Optional Additional Services without cause or explanation:

2.2.1 Preparation of applications and supporting documents for governmental financial support of the Project(s); preparation or review of environmental studies and related services; and assistance in obtaining environmental approvals.

2.2.2 Services to make measured drawings of or to investigate existing conditions of facilities.

2.2.3 Services resulting from changes in the general scope, extent or character of the Project(s) or major changes in documentation previously accepted by Client where changes are due to causes beyond Olsson's control.

2.2.4 Services resulting from the discovery of conditions or circumstances which were not contemplated by Olsson at the commencement of this Agreement. Olsson shall notify Client of the newly discovered conditions or circumstances and Client and Olsson shall renegotiate, in good faith, the compensation for this Agreement, if amended terms cannot be agreed upon, Olsson may terminate this Agreement and Olsson shall be paid for its services through the date of termination.

2.2.5 Providing renderings or models.

2.2.6 Preparing documents for alternate bids requested by Client.

2.2.7 Analysis of operations, maintenance or overhead expenses; value engineering; the preparation of rate

schedules; earnings or expense statements; cash flow or economic evaluations or; feasibility studies, appraisals or valuations.

2.2.8 Furnishing the services of independent professional associates or consultants for work beyond the Scope of Services.

2.2.9 Services necessary due to the Client's award of more than one prime contract for the Project(s); services necessary due to the construction contract containing cost plus or incentive-savings provisions; services necessary in order to arrange for performance by persons other than the prime contractor; or those services necessary to administer Client's contract(s).

2.2.10 Services in connection with staking out the work of contractor(s).

2.2.11 Services during out-of-town travel or visits to the site beyond those specifically identified in this Agreement.

2.2.12 Preparation of operating and maintenance manuals.

2.2.13 Services to redesign some or all of the Project(s).

2.2.14 Preparing to serve or serving as a consultant or witness or assisting Client with any litigation, arbitration or other legal or administrative proceeding.

2.2.15 Services relating to Construction Observation, Certification, Inspection, Construction Cost Estimating, project observation, construction management, construction scheduling, construction phasing or review of Contractor's performance means or methods.

2.3 Whenever, Olsson determines additional services as set forth in this Section 2.3 are necessary to avoid a delay in the completion of the Project(s) ("Necessary Additional Services"), Olsson shall first obtain written approval from the Client prior to performing or obtaining from others such services. Olsson will be entitled to an increase in compensation for such services at the standard hourly billing rate charged for those employees performing the services, plus reimbursable expenses, if any:

2.3.1 Services in connection with work directive changes and/or change orders directed by the Client to any contractors.

2.3.2 Services in making revisions to drawings and specifications occasioned by the acceptance of substitutions proposed by contractor(s); services after the award of each contract in evaluating and determining the acceptability of an unreasonable or excessive number of substitutions proposed by contractor(s); or evaluating an unreasonable or extensive number of claims submitted by contractor(s) or others in connection with the Project(s).

2.3.3 Services resulting from significant delays, changes or price increases occurring as a direct or indirect result of material, equipment or energy shortages.

2.3.4 Additional or extended services during construction made necessary by (1) work damaged during construction, (2) a defective, inefficient or neglected work by any contractor, (3) acceleration of the progress schedule involving services beyond normal working hours, or (4) default by any contractor.

SECTION 3—CLIENT'S RESPONSIBILITIES

3.1. Client shall provide all criteria and full information as to Client's requirements for the Project(s); designate and identify in writing a person to act with authority on Client's behalf in respect of all aspects of the Project(s); examine and respond promptly to Olsson's submissions; and give prompt written notice to Olsson whenever Client observes or otherwise becomes aware of any defect in the Olsson's services.

3.2 Client agrees to pay Olsson the amounts due for services rendered and expenses within thirty (30) days after Olsson has provided its invoice for such services. In the event Client disputes any invoice item, Client shall give Olsson written notice of such disputed item within fifteen (15) days after receipt of such invoice and shall pay to Olsson the undisputed portion of the invoice according to the provisions hereof. If Client fails to pay any invoiced amounts when due, interest will accrue on each unpaid amount at the rate of thirteen percent (13%) per annum from the date due until paid according to the provisions of this Agreement. Interest shall not be charged on any disputed invoice item which is finally resolved in Client's favor. Payment of interest shall not excuse or cure any default or delay in payment of amounts due.

3.2.1 If Client fails to make any payment due Olsson for services and expenses within thirty (30) days after receipt of Olsson's statement therefore, Olsson may, after giving seven (7) days written notice to Client, suspend services to Client under this Agreement until Olsson has been paid in full all amounts due for services, expenses and charges and Client will not obtain any license to any Work Product or be entitled to retain or use any Work Product pursuant to Section 7.1 unless and until Olsson has been paid in full and Client has fully satisfied all of its obligations under this Agreement.

3.3 Payments to Olsson shall not be withheld, postponed or made contingent on the construction, completion or success of the Project(s) or upon receipt by the Client of offsetting reimbursements or credit from other parties who may have caused the need for additional services. No withholdings, deductions or offsets shall be made from Olsson's compensation for any reason unless and until Olsson has been found to be legally liable for such amounts.

3.4 Client shall also do the following and pay all costs incident thereto:

3.4.1 Furnish to Olsson any existing and/or required borings, probings or subsurface explorations; hydrographic surveys; laboratory tests or inspections of samples, materials or equipment; appropriate professional interpretations of any of the foregoing; environmental assessment and impact statements; property, boundary, easement, right-of-way, topographic or utility surveys; property descriptions; and/or zoning or deed restrictions; all of which Olsson may rely upon in performing services hereunder.

3.4.2 Guarantee access to and make all provisions for Olsson to enter upon public and private property reasonably necessary to perform its services on the Project(s).

3.4.3 Provide such legal, accounting, independent cost estimating or insurance counseling services as may be required for the Project(s); any auditing service required in respect of contractor(s)' applications for payment; and/or any inspection services to determine if contractor(s) are performing the work legally.

3.4.4 Provide engineering surveys to establish reference points for construction unless specifically included in Olsson's Scope of Services.

3.4.5 Furnish approvals and permits from all governmental authorities having jurisdiction over the Project(s).

3.4.6 If more than one prime contractor is to be awarded the contract for construction, designate a party to have responsibility and authority for coordinating and interfacing the activities of the various prime contractors.

3.4.7 All fees and other amounts payable by Client under this Agreement are exclusive of taxes and similar assessments. Without limiting the foregoing, Client is responsible and liable for all sales, service, use, and excise taxes, and any other similar taxes, duties, and charges of any kind imposed by any federal, state, county or local governmental authority on any amounts payable by Client under this Agreement, other than any taxes imposed on Olsson's income. In the event any governmental authority assesses Olsson for taxes, duties, or charges of any kind in connection with Scope of Services provided by Olsson to Client, Olsson shall be entitled to submit an invoice to Client, its successors or assigns, for the amount of said assessment and related interest and penalties. Client shall pay such invoice in accordance with Olsson's standard payment terms.

3.5 Client shall pay all costs incident to obtaining bids or proposals from contractor(s).

3.6 Client shall pay all permit application review costs for government authorities having jurisdiction over the Project(s).

3.7 Contemporaneously with the execution of this Agreement, Client shall designate in writing an individual to act as its duly authorized Project(s) representative.

3.8 Client shall bear sole responsibility for:

3.8.1 Jobsite safety. Neither the professional activities of Olsson, nor the presence of Olsson or its employees or sub-consultants at the Project shall impose any duty on Olsson relating to any health or safety laws, regulations, rules, programs or procedures.

3.8.2 Notifying third parties including any governmental agency or prospective purchaser, of the existence of any hazardous or dangerous materials located in or around the Project(s) site.

3.8.3 Providing and updating Olsson with accurate information regarding existing conditions, including the existence of hazardous or dangerous materials, proposed

Project(s) site uses, any change in Project(s) plans, and all subsurface installations, such as pipes, tanks, cables and utilities within the Project(s) site.

3.8.4 [omitted]

3.9 [omitted]

3.10 If reasonable precautions will be inadequate to prevent foreseeable bodily injury or death to persons resulting from a material or substance, including hazardous materials, encountered on the site, Olsson may immediately stop work in the affected area and report the condition to Client. Client shall be solely responsible for retaining independent consultant(s) to determine the nature of the material and to abate or remove the material. Olsson shall not be required to perform any services or work relating to or in the area of such material until the material has been removed or rendered harmless and only after approval, if necessary of the government agency with jurisdiction.

SECTION 4—MEANING OF TERMS

4.1 The "Cost of Construction" of the entire Project(s) (herein referred to as "Cost of Construction") means the total cost to Client of those portions of the entire Project(s) designed and specified by Olsson, but it will not include Olsson's compensation and expenses, the cost of land, rights-of-way, or compensation for or damages to, properties unless this Agreement so specifies, nor will it include Client's legal, accounting, insurance counseling or auditing services, or interest and financing charges incurred in connection with the Project(s) or the cost of other services to be provided by others to Client pursuant to Section 3.

4.2 The "Salary Costs": Used as a basis for payment mean salaries and wages (base and incentive) paid to all Olsson's personnel engaged directly on the Project(s), including, but not limited to, engineers, architects, surveyors, designers, draftsmen, specification writers, estimators, other technical and business personnel; plus the cost of customary and statutory benefits, including, but not limited to, social security contributions, unemployment, excise and payroll taxes, workers' compensation, health and retirement benefits, sick leave, vacation and holiday pay and other group benefits.

4.3 "Certify" or "a Certification": If included in the Scope of Services, such services shall be limited to a statement of Olsson's opinion, to the best of Olsson's professional knowledge, information and belief, based upon its periodic observations and reasonable review of reports and tests created by Olsson or provided to Olsson. Olsson shall not be responsible for constant or exhaustive observation of the work. Client understands and agrees that any certifications based upon discrete sampling observations and that such observations indicate conditions that exist only at the locations and times the observations were performed. Performance of such observation services and certification does not constitute a warranty or guarantee of any type, since even with diligent observation, some construction defects, deficiencies or omissions in the work may occur. Olsson shall have no responsibility for the means, methods, techniques, sequences or procedures selected by the contractor(s) or for the contractor's safety precautions and programs nor for failure by the contractor(s) to comply with any laws or regulations relating to the performance or furnishing of any work by the contractor(s). Client shall hold its contractor(s)

solely responsible for the quality and completion of the Project(s), including construction in accordance with the construction documents. Any duty under this Agreement is for the sole benefit of the Client and not for any third party, including the contractor(s) or any subcontractor(s). Olsson shall sign pre-printed form certifications only if (a) Olsson approves the form of such certification prior to the commencement of its services, (b) such certification is expressly included in the Scope of Services, (c) the certification is limited to a statement of professional opinion and does not constitute a warranty or guarantee, express or implied. It is understood that any certification by Olsson shall not relieve the Client or the Client's contractors of any responsibility or obligation they may have by industry custom or under any contract.

4.4 "Opinion of Probable Cost": An opinion of probable construction cost made by Olsson. In providing opinions of probable construction cost, it is recognized that neither the Client nor Olsson has control over the costs of labor, equipment or materials, or over the contractor's methods of determining prices or bidding. The opinion of probable construction costs is based on Olsson's reasonable professional judgment and experience and does not constitute a warranty, express or implied, that the contractor's bids or the negotiated price of the work on the Project(s) will not vary from the Client's budget or from any opinion of probable cost prepared by Olsson.

4.5 "Day": A calendar day of 24 hours. The term "days" shall mean consecutive calendar days of 24 hours each, or fraction thereof.

4.6 "Construction Observation": If included in the Scope of Services, such services during construction shall be limited to periodic visual observation and testing of the work to determine that the observed work generally conforms to the contract documents. Olsson shall not be responsible for constant or exhaustive observation of the work. Client understands and agrees that such visual observations are discrete sampling procedures and that such procedures indicate conditions that exist only at the locations and times the observations were performed. Performance of Construction Observation services does not constitute a warranty or guarantee of any type, since even with diligent observation, some construction defects, deficiencies or omissions in the work may occur. Olsson shall have no responsibility for the means, methods, techniques, sequences or procedures selected by the contractor or for the contractor's safety precautions and programs nor for failure by the contractor to comply with any laws or regulations relating to the performance or furnishing of any work by the contractor. Client shall hold its contractor(s) solely responsible for the quality and completion of the Project(s), including construction in accordance with the construction documents. Any duty under this Agreement is for the sole benefit of the Client and not for any third party, including the contractor or any subcontractor. Client, or its designees shall notify Olsson at least twenty-four (24) hours in advance of any field tests and observations required by the construction documents.

4.7 "Inspect" or "Inspection": If included in the Scope of Services, such services shall be limited to the periodic visual observation of the contractor's completed work to permit Olsson, as an experienced and qualified professional, to determine that the observed work, generally conforms to the contract documents. Olsson shall not be responsible for constant or exhaustive observation of the work. Client understands and agrees that such visual observations are discrete sampling

procedures and that such procedures indicate conditions that exist only at the locations and times the observations were performed. Performance of such observation services does not constitute a warranty or guarantee of any type, since even with diligent observation, some construction defects, deficiencies or omissions in the work may occur. Olsson shall have no responsibility for the means, methods, techniques, sequences or procedures selected by the contractor(s) or for the contractor's safety precautions and programs nor for failure by the contractor(s) to comply with any laws or regulations relating to the performance or furnishing of any work by the contractor(s). Client shall hold its contractor(s) solely responsible for the quality and completion of the Project(s), including construction in accordance with the construction documents. Any duty under this Agreement is for the sole benefit of the Client and not for any third party, including the contractor(s) or any subcontractor(s). Client, or its designees, shall notify Olsson at least twenty-four (24) hours in advance of any inspections required by the construction documents.

4.8 "Record Documents": Drawings prepared by Olsson upon the completion of construction based upon the drawings and other data furnished to Olsson by the Contractor and others showing significant changes in the work on the Project(s) made during construction. Because Record Documents are prepared based on unverified information provided by others, Olsson makes no warranty of the accuracy or completeness of the Record Documents.

SECTION 5—TERMINATION

5.1 Either party may terminate this Agreement, for cause upon giving the other party not less than seven (7) calendar days written notice of default for any of the following reasons; provided, however, that the notified party shall have the same seven (7) calendar day period in which to cure the default:

5.1.1 Substantial failure by the other party to perform in accordance with the terms of this Agreement and through no fault of the terminating party;

5.1.2 Assignment of this Agreement or transfer of the Project(s) by either party to any other entity without the prior written consent of the other party;

5.1.3 Suspension of the Project(s) or Olsson's services by the Client for more than ninety (90) calendar days, consecutive or in the aggregate.

5.2 In the event of a "for cause" termination of this Agreement by either party, the Client shall, within fifteen (15) calendar days after receiving Olsson's final invoice, pay Olsson for all services rendered and all reimbursable costs incurred by Olsson up to the date of termination, in accordance with the payment provisions of this Agreement.

5.2.1 In the event of a "for cause" termination of this Agreement by Client and (a) a final determination of default is entered against Olsson under Section 6.2 and (b) Client has fully satisfied all of its obligations under this Agreement, Olsson shall grant Client a limited license to use the Work Product pursuant to Section 7.1.

5.3 The Client may terminate this Agreement for the Client's convenience and without cause upon giving Olsson not less than seven (7) calendar days written notice. In the event of

any termination that is not the fault of Olsson, the Client shall pay Olsson, in addition to payment for services rendered and reimbursable costs incurred, for all expenses reasonably incurred by Olsson in connection with the orderly termination of this Agreement, including but not limited to demobilization, reassignment of personnel, associated overhead costs, any fees, costs or expenses incurred by Olsson in preparing or negotiating any proposals submitted to Client for Olsson's Scope of Services or Optional Additional Services under this Agreement and all other expenses directly resulting from the termination and a reasonable profit of ten percent (10%) of Olsson's actual costs (including overhead) incurred.

SECTION 6—DISPUTE RESOLUTION

6.1. Mediation

6.1.1 All questions in dispute under this Agreement shall be submitted to mediation. On the written notice of either party to the other of the election to submit any dispute under this Agreement to mediation, each party shall designate their representatives and shall meet within ten (10) days after the service of the notice. The parties themselves shall then attempt to resolve the dispute within ten (10) days of meeting.

6.1.2 Should the parties themselves be unable to agree on a resolution of the dispute, and then the parties shall appoint a third party who shall be a competent and impartial party and who shall be acceptable to each party, to mediate the dispute. Any third party mediator shall be qualified to evaluate the performance of both of the parties, and shall be familiar with the design and construction progress. The third party shall meet to hear the dispute within ten (10) days of their selection and shall attempt to resolve the dispute within fifteen (15) days of first meeting.

6.1.3 Each party shall pay the fees and expenses of the third party mediator and such costs shall be borne equally by both parties.

6.2 Arbitration or Litigation [omitted]

6.2.1 [omitted]

6.2.2 [omitted]

6.2.3 [omitted]

6.2.4 [omitted]

6.3 Certification of Merit [omitted]

SECTION 7—MISCELLANEOUS

7.1 Reuse of Documents

All documents, including drawings, specifications, reports, boring logs, maps, field data, data, test results, information, recommendations, or opinions prepared or furnished by Olsson (and Olsson's independent professional associates and consultants) pursuant to this Agreement ("Work Product"), are all Olsson's instruments of service, do not constitute goods or products, and are copyrighted works of Olsson. Olsson shall retain an ownership and property interest in such Work Product

whether or not the Project(s) is completed. If Client has fully satisfied all of its obligations under this Agreement, Olsson shall grant Client a limited license to use the Work Product and Client may make and retain copies of Work Product for use in connection with the Project(s); however, such Work Product is for the exclusive use and benefit of Client or its agents in connection with the Project(s), are not intended to inform, guide or otherwise influence any other entities or persons with respect to any particular business transactions, and should not be relied upon by any entities or persons other than Client or its agents for any purpose other than the Project(s). Such Work Product is not intended or represented to be suitable for reuse by Client or others on extensions of the Project(s) or on any other Project(s). Client will not distribute or convey such Work Product to any other persons or entities without Olsson's prior written consent which shall include a release of Olsson from liability and indemnification by the third party. Any reuse of Work Product without written verification or adaptation by Olsson for the specific purpose intended will be at Client's sole risk and without liability or legal exposure to Olsson, or to Olsson's independent professional associates or consultants, and Client shall indemnify and hold harmless Olsson and Olsson's independent professional associates and consultants from all claims, damages, losses and expenses including attorneys' fees arising out of or resulting therefrom. Any such verification or adaptation of Work Product will entitle Olsson to further compensation at rates to be agreed upon by Client and Olsson.

7.2 Electronic Files

By accepting and utilizing any electronic file of any Work Product or other data transmitted by Olsson, the Client agrees for itself, its successors, assigns, insurers and all those claiming under or through it, that by using any of the information contained in the attached electronic file, all users agree to be bound by the following terms. All of the information contained in any electronic file is the work product and instrument of service of Olsson, who shall be deemed the author, and shall retain all common law, statutory law and other rights, including copyrights, unless the same have previously been transferred in writing to the Client. The information contained in any electronic file is provided for the convenience to the Client and is provided in "as is" condition. The Client is aware that differences may exist between the electronic files transferred and the printed hard-copy original signed and stamped drawings or reports. In the event of a conflict between the signed original documents prepared by Olsson and the electronic files, which may be transferred, the signed and sealed original documents shall govern. Olsson specifically disclaims all warranties, expressed or implied, including without limitation, and any warranty of merchantability or fitness for a particular purpose with respect to any electronic files. It shall be Client's responsibility to confirm the accuracy of the information contained in the electronic file and that it accurately reflects the information needed by the Client. Client shall not retransmit any electronic files, or any portion thereof, without including this disclaimer as part of any such transmissions.

7.3 Opinion of Probable Cost

Since Olsson has no control over the cost of labor, materials, equipment or services furnished by others, or over the contractor(s)' methods of determining prices, or over competitive bidding or market conditions, Olsson's Opinion of Probable Cost provided for herein is made on the basis of Olsson's experience and qualifications and represent Olsson's best judgment as an

experienced and qualified professional engineer, familiar with the construction industry. Client acknowledges and agrees that Olsson cannot and does not guarantee proposals or bids and that actual total Project(s) or construction costs may reasonably vary from Olsson's Opinion of Probable Cost. If prior to the bidding or negotiating phase Client wishes greater assurance as to total Project(s) or construction costs, Client shall employ an independent cost estimator as provided in paragraph 3.4.3. If Olsson's Opinion of Probable Cost was performed in accordance with its standard of care and was reasonable under the total circumstances, any services performed by Olsson to modify the contract documents to bring the construction cost within any limitation established by Client will be considered Optional Additional Services and paid for as such by Client. If, however, Olsson's Opinion of Probable Cost was not performed in accordance with its standard of care and was unreasonable under the total circumstances and the lowest negotiated bid for construction of the Project(s) unreasonably exceeds Olsson's Opinion of Probable Cost, Olsson shall modify its work as necessary to adjust the Project(s)' size, and/or quality to reasonably comply with the Client's budget at no additional cost to Client. Under such circumstances, Olsson's modification of its work at no cost shall be the limit of Olsson's responsibility with regard to any unreasonable Opinion of Probable Cost.

7.4 Prevailing Wages

It is Client's responsibility to determine whether the Project(s) is covered under any prevailing wage regulations. Unless Client specifically informs Olsson in writing that the Project(s) is a prevailing wage project and is identified as such in the Scope of Services, Client agrees to reimburse Olsson and to defend, indemnify and hold harmless Olsson from and against any liability, including costs, fines and attorneys' fees, resulting from a subsequent determination that the Project(s) was covered under any prevailing wage regulations.

7.5 Samples

All material testing samples shall remain the property of the Client. If appropriate, Olsson shall preserve samples obtained no longer than forty-five (45) days after the issuance of any document that includes the data obtained from those samples. After that date, Olsson may dispose of the samples or return them to Client at Client's cost.

7.6 Standard of Care

Olsson will strive to perform its services in a manner consistent with that level of care and skill ordinarily exercised by members of Olsson's profession providing similar services in the same locality under similar circumstances at the time Olsson's services are performed. This Agreement creates no other representation, warranty or guarantee, express or implied.

7.7 Force Majeure

Any delay in the performance of any of the duties or obligations of either party hereto (except the payment of money) shall not be considered a breach of this Agreement and the time required for performance shall be extended for a period equal to the period of such delay, provided that such delay has been caused by or is the result of any acts of God, acts of the public enemy, insurrections, riots, embargoes, labor disputes, including strikes, lockouts, job actions, boycotts, fires, explosions, floods,

shortages of material or energy, or other unforeseeable causes beyond the control and without the fault or negligence of the party so affected. The affected party shall give prompt notice to the other party of such cause, and shall take promptly whatever reasonable steps are necessary to relieve the effect of such cause.

7.8 Equal Employment Opportunity

Olsson and any sub-consultant or subcontractor shall abide by the requirements of 41 CFR 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status.

7.9 Confidentiality

Unless Client is a public entity and the release of information is required by law or legal process, in performing this Agreement, the parties may disclose to each other written, oral, electronic, graphic, machine-readable, tangible or intangible, non-public, confidential or proprietary data or information in any form or medium, including but not limited to: (1) information of a business, planning, marketing, conceptual, design, or technical nature; (2) models, tools, hardware, software or source code; and (3) any documents, videos, photographs, audio files, data, studies, reports, flowcharts, works in progress, memoranda, notes, files or analyses that contain, summarize or are based upon any non-public, proprietary or confidential information (hereafter referred to as the "Information"). The Information is not required to be marked as confidential.

7.9.1 Therefore, Olsson and Client agree that the party receiving Information from the other party to this Agreement (the "Receiving Party") shall keep Information confidential and not use the Information in any manner other than in the performance of this Agreement without prior written approval of the party disclosing Information (the "Disclosing Party").

7.9.2 Prior to the start of construction on the Project, the existence of discussions between the parties, the purpose of this Agreement, and this Agreement shall be considered Information subject to the confidentiality provisions of this Agreement.

7.9.3 Notwithstanding anything to the contrary herein, the Receiving Party shall have no obligation to preserve the confidentiality of any Information which:

7.9.3.1 was previously known to the Receiving Party free of any obligation to keep it confidential; or

7.9.3.2 is or becomes publicly available by other than unauthorized disclosures; or

7.9.3.3 is independently developed by the Receiving Party without a breach of this Agreement; or

7.9.3.4 is disclosed to third parties by the Disclosing Party without restrictions; or

7.9.3.5 is received from a third party not subject to any confidentiality obligations.

7.9.4 In the event that the Receiving Party is required by law or legal process to disclose any of Information of the Disclosing Party, the Receiving Party required to disclose such Information shall provide the Disclosing Party with prompt oral and written notice, unless notice is prohibited by law (in which case such notice shall be provided as early as may be legally permissible), of any such requirement so that the Disclosing Party may seek a protective order or other appropriate remedy.

7.9.5 Notwithstanding anything to the contrary herein (or to the contrary of any existing or future nondisclosure, confidentiality or similar agreement between the parties), Olsson is authorized, to use, display, reproduce, publish, transmit, and distribute Information (including, but not limited to, videos and photographs of the Project) on and in any and all formats and media (including, but not limited to, Olsson's internet website) throughout the world and in all languages in connection with or in any manner relating to the marketing, advertising, selling, qualifying, proposing, commercializing, and promotion of Olsson and/or its services and business and in connection with any other lawful purpose of Olsson. In the event of any conflict or inconsistency between the provisions of this section and any other prior or future nondisclosure, confidentiality or similar agreement between the parties, the terms of this section shall take precedence.

7.9.6 Nothing contained in this Agreement shall be construed as altering any rights that the Disclosing Party has in the Information exchanged with or disclosed to the Receiving Party, and upon request, the Receiving Party will return all Information received in tangible form to the Disclosing Party, or at the Receiving Party's option, destroy all such Information. If the Receiving Party exercises its option to destroy the Information, the Receiving Party shall certify such destruction to the Disclosing Party.

7.9.7 The parties acknowledge that disclosure or use of Information in violation of this Agreement could cause irreparable harm for which monetary damages may be difficult to ascertain or constitute an inadequate remedy. Each party therefore agrees that the Disclosing Party shall be entitled in addition to its other rights to seek injunctive relief for any violation of this Agreement.

7.9.8 The obligations of confidentiality set forth herein shall survive termination of this Agreement but shall only remain in effect for a period of one (1) year from the date the Information is first disclosed.

7.10 Damage or Injury to Subterranean Structures or Utilities, Hazardous Materials, Pollution and Contamination

7.10.1 To the extent that work pursuant to this Agreement requires any sampling, boring, excavation, ditching or other disruption of the soil or subsurface at the Site, Olsson shall confer with Client prior to such activity and Client will be responsible for identifying, locating and marking, as necessary, any private subterranean structures or utilities and Olsson shall be responsible for arranging investigation of public subterranean

structures or utilities through an appropriate utility one-call provider. Thereafter, Olsson shall take all reasonable precautions to avoid damage or injury to subterranean structures or utilities which were identified by Client or the one-call provider. Olsson shall not be responsible for any damage, liability or costs, for any property damage, injury or economic loss arising or allegedly arising from damages to subterranean structures or utilities caused by subsurface penetrations in locations approved by Client and/or the one call provider or not correctly shown on any plans, drawings or utility clearance provided to Olsson, except for damages caused by the negligence of Olsson in the use of such information.

7.10.2 It is understood and agreed that any assistance Olsson may provide Client in the disposal of waste materials shall not result in Olsson being deemed as a generator, arranger, transporter or disposer of hazardous materials or hazardous waste as defined under any law or regulation. Title to all samples and waste materials remains with Client, and at no time shall Olsson take title to the above material. Client may authorize Olsson to execute Hazardous Waste Manifest, Bill of Lading or other forms as agent of Client. If Client requests Olsson to execute such documents as its agent, the Hazardous Waste Manifest, Bill of Lading or other similar documents shall be completed in the name of the Client. Client agrees to indemnify and hold Olsson harmless from any and all claims that Olsson is a generator, arranger, transporter, or disposer of hazardous waste as a result of any actions of Olsson, including, but not limited to, Olsson signing a Hazardous Waste Manifest, Bill of Lading or other form on behalf of Client.

7.10.3 At any time, Olsson can request in writing that Client remove samples, cuttings and hazardous substances generated by the Project(s) from the project site or other location. Client shall promptly comply with such request, and pay and be responsible for the removal and lawful disposal of samples, cuttings and hazardous substances, unless other arrangements are mutually agreed upon in writing.

7.10.4 [omitted]

7.10.5 Notwithstanding anything to the contrary contained herein, it is understood and agreed by and between Olsson and Client that the responsibility for pollution and contamination shall be as follows:

7.10.5.1 Unless otherwise provided herein, Client shall assume all responsibility for, including control and removal of, and protect, defend and save harmless Olsson from and against all claims, demands and causes of action of every kind and character arising from pollution or contamination (including naturally occurring radioactive material) which originates above the surface of the land or water from spills of fuels, lubricants, motor oils, pipe dope, paints, solvents, ballast, bilge and garbage, except unavoidable pollution from reserve pits, wholly in Olsson's possession and control and directly associated with Olsson's equipment, unless it was directly caused by Olsson's negligence.

7.10.5.2 In the event a third party commits an act or omission which results in pollution or contamination for which either Olsson or Client, for whom such party is performing work, is held to be legally liable, the responsibility therefore shall be considered as between Olsson and Client, to be the same as if the party for whom the work was performed had performed the same and all of the obligations regarding defense, indemnity,

holding harmless and limitation of responsibility and liability, as set forth herein, shall be specifically applied.

7.11 Controlling Law and Venue

The parties agree that this Agreement and any legal actions concerning its validity, interpretation or performance shall be governed by the laws of the State of Arkansas. It is further agreed that any legal action between the parties arising out of this Agreement or the performance of services shall be brought in a court of competent jurisdiction in Arkansas.

7.12 Subconsultants

Olsson may utilize as necessary in its discretion subconsultants and other subcontractors. Olsson will be paid for all services rendered by its subconsultants and other subconsultants as set forth in this Agreement.

7.13 Assignment

7.13.1 Client and Olsson each are hereby bound and the partners, successors, executors, administrators and legal representatives of Client and Olsson (and to the extent permitted by paragraph 7.13.2 the assigns of Client and Olsson) are hereby bound to the other party to this Agreement and to the partners, successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements and obligations of this Agreement.

7.13.2 Neither Client nor Olsson shall assign, sublet or transfer any rights under or interest in (including, but without limitation, moneys that may become due or moneys that are due) this Agreement without the written consent of the other, except to the extent that any assignment, subletting or transfer is mandated by law or the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement. Nothing contained in this paragraph shall prevent Olsson from employing such subconsultants and other subcontractors as Olsson may deem appropriate to assist in the performance of services under this Agreement.

7.13.3 Nothing under this Agreement shall be construed to give any rights or benefits in this Agreement to anyone other than Client and Olsson, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of Client and Olsson and not for the benefit of any other party. There are no third-party beneficiaries of this Agreement.

7.14 Indemnity [omitted]

7.15 Limitation on Damages

7.15.1 Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither party's individual employees, principals, officers or directors shall be subject to personal liability or damages arising out of or connected in any way to the Project(s) or to this Agreement.

7.15.2 Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither

Client nor Olsson, their respective officers, directors, partners, employees, contractors or subconsultants shall be liable to the other or shall make any claim for any delay damages, any punitive damages or any incidental, indirect or consequential damages arising out of or connected in any way to the Project(s) or to this Agreement. Both the Client and Olsson shall require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in the Project(s).

7.15.3 Notwithstanding any other provision of this Agreement, Client agrees that, to the fullest extent permitted by law, Olsson's total liability to the Client for any and all injuries, claims, losses, expenses, damages, or claims expenses of any kind arising from any services provided by or through Olsson under this Agreement, shall not exceed the amount of Olsson's collectible insurance under this Agreement. Client acknowledges that such causes include, but are not limited to, negligence, statutory violations, misrepresentation, fraud, deceptive trade practices, breach of fiduciary duties, strict liability, breach of contract and/or breach of strict or implied warranty. This limitation of liability shall apply to all phases of Olsson's services performed in connection with the Project(s), whether subsequent to or prior to the execution of this Agreement.

7.16 Entire Agreement/Severability

This Agreement supersedes all prior communications, understandings and agreements, whether oral or written. Amendments to this Agreement must be in writing and signed by the Client and Olsson. If any part of this Agreement is found to conflict with applicable law, such part alone shall be null and void and considered stricken, but the remainder of this Agreement shall be given full force and effect.

General Provisions updated 01/23/2022

SCOPE OF SERVICES

This exhibit is hereby attached to and made a part of the Letter Agreement for Professional Services dated May 10, 2023, between The City of Bentonville, Arkansas ("Client") and Olsson, Inc. ("Olsson") providing for professional services. Olsson's Scope of Services for the Agreement is indicated below.

PROJECT DESCRIPTION AND LOCATION

Project will be located at: Bentonville, Arkansas

Project Description: Approximately 12,500 linear feet of new interceptor sanitary sewer to serve the Northwest Arkansas Regional Airport (XNA) and other City of Bentonville customers in the immediate vicinity.

SCOPE OF SERVICES

Olsson shall provide the following services (Scope of Services) to Client for the Project:

PART I - DESIGN AND BIDDING SERVICES:

Phase 100 – Project Management & Quality Control

A. Project Management

1. Manage the project through the bidding phase, with management and oversight of project budget and schedule. Coordinate all information-gathering efforts, manage owner responsible permit application process, and schedule meetings with utilities and stakeholders. Directly interface with the client to ensure schedule and project budget are appropriate, and if necessary, determine effective methods of redirecting efforts to accommodate changes in schedule, budget, and scope. Provide overall management of all identified project tasks. Stakeholders, including the city and utility representatives, will be invited to attend as relevant to their interests.
2. Change Management – scope, schedule and budget are all interrelated and a change to one will potentially impact the other two. Manage scope, schedule, and budget by notifying the client when requests to modify items impacts any of the three. Submit change logs and contract amendments in a timely manner for approval by the client.
3. Overall Project Management will consist of coordinating the following activities throughout Preliminary Design, Final Design, and Bidding:
 - Project Initiation Workshop
 - Project Scheduling
 - Progress Meetings
 - Progress Submittals
 - Cost Estimates
 - Cost Control Procedures

a. Project Initiation Workshop and Data Collection

- 1) Meet with client's project representative and staff to clarify and define client's requirements for the Project.
- 2) Establish channels of communication and address contract issues as required.
- 3) Review project budget for proposed improvement program.
- 4) Develop Project Management Plan for the project to identify: key staff members and contact information; channels of communication; success factors, quality management, risks, mitigation, and goals; key stakeholders; design and construction schedules, budget; and technical requirements for the project.

b. Project Scheduling

- 1) A detailed schedule will be prepared and maintained to identify key project milestones, meetings, and activities. The Gantt Chart schedule will be reviewed and updated frequently to ensure the project is on track to meet project deadline.

c. Progress Review Meetings

- 1) Conduct progress review meetings involving the project team as required throughout design to review project status, critical milestones, progress submittals, and design issues. Meetings are anticipated to occur on a bi-weekly basis but may occur as often as weekly during certain stages of the project if required. Action items to be followed up on by the project manager to make sure that progress is being made.

d. Construction Document Review Meetings

- 1) Conduct review meetings with Client at 30%, 60%, 90% and 100% stages of design to review the associated stage of construction documents and opinions of cost.

B. Quality Control

1. Independent quality assurance and quality control (QA/QC) reviews are essential to ensure the best quality and value for the project and are an integral part of the Olsson project team. This process will be undertaken by senior staff members of the firm selected for their experience and expertise. The goal of the QA/QC process is to ensure that technical issues have been correctly addressed; client standards are incorporated; drawings and documents are clear, complete, and concise; and that the construction planning is appropriate for the work to be undertaken.
2. Formal QA/QC reviews will be conducted concurrently with client reviews, specifically at the 60% and 90% completion stage and prior to issuance of final PS&E. Completion of the QA/QC plan involves a final review by client, City and regulatory agency comments and a final constructability review by Olsson.

Phase 200 – Preliminary Engineering Report

A. Preliminary Engineering Report

1. Olsson shall prepare Preliminary Engineering Report documenting the basis of design for the project. Olsson shall prepare PER in accordance with requirements of Arkansas Department of Health and the latest edition of "Recommended Standards for Wastewater Facilities" issued by the Great Lakes-Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers. The PER shall include the following:
 - a. Introduction and executive summary.
 - b. Interceptor sewer route study and recommendation
 - c. Design service area delineation
 - d. Design existing and ultimate flow conditions based on design service area.
 - e. Pipe sizing and material recommendation.
 - f. Preliminary Opinion of Construction Cost
2. Olsson shall provide draft Preliminary Engineering Report and conduct meeting with client to present the findings of the report. After receipt of client comments, Olsson will incorporate comments and provide final engineering report.
3. Olsson shall submit PER to the Arkansas Department of Health for review and state approval.

Phase 300 – Survey Services

A. Topographic Survey & Easements

1. Olsson will perform and prepare a Topographic Survey of the subject property generally located in the City of Bentonville, Benton County, Arkansas. The Topographic Survey area will include Approximate 12,500 linear feet by 100' wide area being South of unnamed creek, as shown in the attached exhibit. The Topographic Survey will depict contours at a 1' vertical interval, all physical improvements including buildings, driveways, fencing, and visible utilities, as well as underground utilities as located by Arkansas One-Call system. Survey will be tied vertically to the NAVD 1988 Vertical Datum and horizontally to the Arkansas State Plane Coordinate System NAD 83–North Zone-US Survey foot.
2. Olsson will order Title search on 10 Parcels and prepare up to 10 Easement documents with exhibits.
3. Utility location and mapping is for horizontal location of above ground and underground utilities only. Utility depths will not be obtained or indicated on the topographic survey. Survey of utilities will be based on tracing and marking by One Call and / or a private utility locator. By signing this contract, the client understands and acknowledges that utility mapping is not exact and it is possible that not all utility lines will be located. Olsson is not responsible for miss-marked or unmarked utilities.

Phase 400 – Geotechnical Investigation

Drilling Services

A. Coordination and General Notes

1. Olsson will contact Arkansas 811 to locate underground utilities. To ensure the safety of the crew on site, Owner must inform Olsson of the location of all private utilities and private utility service connections. The cost of locating private utility lines and private service connections through private locating services and/or hydroexcavation is the Owner's responsibility. Olsson is not responsible or liable for damage to any private utilities or private service connections. If requested, Olsson can coordinate private locating or hydroexcavation services for an additional fee.
2. All boring locations must be readily accessible. Any fees resulting from the use of mud-matting or clearing operations to achieve access to boring locations is Owner's responsibility and not included in this scope of work. Olsson will not perform field work until access to boring locations is satisfactory to Olsson.
3. Drilling equipment may cause disturbance to natural surroundings including but not limited to soil indentations, concrete cracking, and damage to underground sprinkler systems. Olsson will not be liable or responsible for any site disturbance that may occur as a result of bringing equipment on site. The Owner accepts full responsibility for site disturbance.
4. Traffic control, site clearing, city and/or state right-of-way occupation permitting, street use permitting, etc. may be necessary to complete the field exploration. These services to be provided by others and are excluded from this scope of work.

B. Field Exploration

1. We propose to use a truck-mounted drill rig to complete the following soil test borings for the geotechnical exploration:
 - Seven (7) borings along the alignment to a depth of 10 feet, plus 5 feet of rock coring for a total depth of 15 feet.
 - Two (2) borings at the anticipated HDD creek crossing to a depth of 20 feet, plus 20 feet of rock coring for a total depth of 40 feet.

The soil borings will be advanced to the depths proposed, or to refusal, whichever is shallower. This proposal is based on a total drilling footage of 110 linear feet and a total rock coring footage of 85 linear feet.

2. Soils will be sampled in general accordance with ASTM D1586 and ASTM D1587.
3. We will obtain groundwater levels in the test borings at the time of drilling and upon completion of the drilling operations.
4. After obtaining groundwater level readings, we will backfill the borings with soil cuttings.

Geotechnical Services

A. Laboratory Services

1. As soil conditions dictate, laboratory testing may include visual soil classification (ASTM D2488), unconfined compression tests (ASTM D2166), thin-walled tube density tests (ASTM D7263), moisture content tests (ASTM D2216), Atterberg limit tests (ASTM D4318), percent passing the No. 200 sieve tests (ASTM D1140), grain size analyses, and soil chemistry testing.

B. Engineering Analysis and Report Preparation

1. Olsson will perform engineering analyses and provide conclusions and recommendations regarding the following:
 - a. Lift thickness, moisture control, and compaction criteria for backfill and structural fill. OSHA standards for soil excavation criteria will be included or referenced.
 - b. Anticipated groundwater concerns, along with recommendations for addressing these concerns during construction, if required.
 - c. Rock excavation.
 - d. Characteristics of the on-site soils and the potential for reuse of on-site soils as structural fill.
 - e. Maximum allowable soil bearing pressures and estimates of maximum total settlement for design of manhole and lift station foundations.
 - f. Lateral earth pressure values for restrained and/or unrestrained foundation/retaining walls, including passive pressures and sliding friction values to resist sliding.
 - g. Pipe bedding for sewer lines.
 - h. Subgrade stabilization criteria for installation of water and sewer lines.
2. We will present our conclusions and recommendations in a written report that will include a map of boring locations, soil boring logs, and a summary of laboratory tests.

Phase 500 – Environmental Services

A. Wetland and Stream Delineation and Preliminary Jurisdictional Evaluation

1. Olsson will complete a wetland and stream delineation of the proposed sewer line in Bentonville, Arkansas. Olsson will follow the methods described in the U.S. Army Corps of Engineers (Corps) Wetland Delineation Manual (January 1987) and the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountain & Piedmont Region (Version 2.0) (April 2012).

B. Desktop Review.

1. The first step of the wetland and stream delineation consists of a desktop review of available databases to determine areas within the project study area that may have potential wetlands or other waters of the U.S. This review will include accessing information from the National Hydrography Dataset (NHD), National Wetland Inventory (NWI), U.S. Geological Survey (USGS) 7.5 minute topographic maps, Natural Resources Conservation Service (NRCS) soil data, and current and historical aerial imagery.

C. Wetlands (WETS) Table Analysis for Agricultural Lands.

1. Using the methodology described in the U.S. Department of Agriculture (USDA) Part 650-Engineering Field Handbook, Olsson will complete WETS Tables to determine if the area had a normal amount of precipitation for a given year. Once years with normal precipitation are determined, Olsson will review historic National Agricultural Imagery Program (NAIP) aeriels to determine if signatures of wetlands are present in those years.

D. Site Visit.

1. Following the desktop review, a site visit will be conducted to field verify the presence or absence of wetlands, streams, and other waters of the U.S. identified during the desktop review. The site visit will be conducted by traversing the project study area to identify wetland characteristics including; hydrophytic vegetation, hydric soils, and wetland hydrology. Wetland, streams, and/or other waters of the U.S. boundaries will be delineated using sub-meter accuracy global positioning system (GPS) units. Atlantic and Gulf Coastal Plain Region data forms will be filled out. Photographs documenting site conditions, including wetlands, streams, and other waters of the U.S., will be taken. Agricultural areas require additional sample points primarily to document soil conditions.

E. Report.

1. Upon completion of the site visit a report documenting the findings of the wetland and stream delineation will be prepared detailing the presence or absence of wetlands, streams, and other waters of the U.S. within the project study area. The wetland and stream delineation report will include a narrative of how the wetland and stream delineation was conducted and a summary of the results of the wetland and stream delineation. Figures documenting information gathered during the desktop review and figures showing wetland, streams, and other waters of the U.S. boundaries, sample point locations, and photo point locations will be included. The report will also include a description of Olsson's opinion of whether the wetlands, streams, and other waters of the U.S. are jurisdictional.

F. Nationwide Permit (if required)

1. Olsson will submit a Clean Water Act, Section 404, nationwide permit notification to the U.S. Army Corps of Engineers (USACE) for the project site. Nationwide permits are general department of army (DA) permits that meet a set of nationwide standards that have minimal individual and cumulative environmental impacts. Nationwide permits are required when jurisdictional aquatic impacts occur related to a project. Olsson will follow the Clean Water Act regulations (33 CFR Parts 320-332) and Section 404(b)(1) Guidelines (40 CFR Part 230). Nationwide permits include a description of the Project, aquatic impacts, threatened and endangered species (desktop evaluation), and cultural resources (desktop evaluation). Following completion of the permit, Olsson will submit the permit request to the USACE for permit issuance. Olsson will follow-up with additional USACE requests within the limitation of the assumptions outlined below.

ASSUMPTIONS

Client will provide the following:

1. General Project Location Map
2. Project Study Area Access and Landowner Permission

ITEMS NOT INCLUDED IN THE SCOPE:

1. Individual Section 404 Permit Application
2. Site Visits with the Corps
3. Agency or Client Meetings, Other Than Phone Call Discussions
4. Changes in Project Design or Location Requiring Changes to the Report
5. On-Site Habitat or Threatened and Endangered Species Evaluations
6. On-Site Cultural Resources Study or Evaluation
7. Permittee Responsible Mitigation Plan and Monitoring

Phase 600 – Engineering Design Services

A. Plans and Specifications

1. Olsson shall prepare detailed drawings and specifications for the proposed work based on the findings of the Preliminary Engineering Report in Phase 200. The Client's standard technical specifications and construction details shall be utilized. Olsson shall provide standard EJCDC construction contracts, bid forms, bidding instructions, General and Supplementary Conditions and other documents typically included for a competitively bid project. It is anticipated the project drawings shall consist of the following:
 - a. Cover sheet
 - b. General construction notes and project quantities
 - c. Sediment Control plans

- d. Sanitary Sewer Plan and Profile sheets
 - e. Construction details
2. Project deliverables will include 30%, 90% and 100% plan and specification progress sets for review with client and final construction documents. Olsson will prepare an Opinion of Probable Cost (OPC) of project construction work at 30%, 90% and final design stages.

B. Regulatory Submittals

1. Olsson shall prepare a Stormwater Pollution Prevention Plan for general stormwater permitting with Arkansas Department of Environmental Quality (ADEQ).
2. Olsson shall submit final documents to Arkansas Department of Health (ADH) for approval by the state.
3. If required, Olsson shall submit floodplain development permit to the City of Bentonville, City of Highfill, and Benton County for approval.
4. For construction activities with streamways Olsson shall prepare and submit for Short Term Activity Authority (STAA) permit with Arkansas Department of Environmental Quality (ADEQ).
5. Other regulatory submittals not specifically listed are excluded from scope of services but can be provided at Olsson's standard hourly rates.

Phase 700 – Bid Phase Services

A. Prepare Notice to Bidders and Issue Documents

1. Olsson will coordinate the issuance of notices to bidders and the production and distribution of bidding documents. Notices will be placed in the official publications directed by the Client, and in bidding services known to provide data to contractors in the area. In addition, invitations will be emailed directly to contractors whom Olsson and/or the Client know will be interested in the project. Documents will be available for inspection at Olsson offices.
2. Olsson will coordinate answering questions raised by bidders. Addenda will be prepared, if needed, to provide clarification to questions. The Client will be informed on a regular basis of project changes resulting from bidders' questions.

B. Review and Evaluate Bids

1. Olsson will attend the bid opening. Bids properly received will be reviewed. Inconsistencies or irregularities found in the bids will be reported to the Client. Olsson will prepare a bid tabulation of bids received and will make the bid tabulation available to bidders. Olsson will evaluate the bids and make a written recommendation to the Client concerning contract award.

C. Conform Documents

1. Conformed copies of the contract documents, including insurance and bond forms, will be prepared by Olsson. Olsson will review the documents to confirm that procedures have been properly followed. Copies of the conformed documents will be

provided to the Client for review. Executed copies will be distributed to the Client, the contractor, and Olsson. These documents form the official contract between the Client and the contractor, as well as the basis for decisions concerning the work.

PART II – CONSTRUCTION SERVICES: (Excluded)

Part II Construction Services are excluded from this scope but can be provided by upon authorization by City of Bentonville, AR. The scope below for Phase 800 – Construction Engineering Administrative Services and Phase 900 Construction Observation Services is provided for informational purposes.

Phase 800 – Construction Engineering Administrative Services (Excluded)

- A. Attend a preconstruction conference scheduled by Owner. At the time of the preconstruction conference, Notice(s) to Proceed will be issued.
- B. Furnish professional engineers to make 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 he 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.
- C. 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.
- D. Review samples, catalog data, schedules, shop drawings, laboratory, shop and mill tests of material and equipment and other data which the contractor submits. 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.
- E. Review monthly and final estimates for payments to the contractor and furnish to the Owner any necessary recommendations as to payments to contractors and suppliers; assemble written guarantees which are required by the contract documents.
- F. Attend, in company with the Owner's representative, a final inspection of the project. This inspection will be for conformance with the design concept of the project and compliance with the contract documents. Recommend in writing final payment to the contractor.
- G. Prepare record drawings and provide a copy to the Client.

Phase 900 – Construction Observation Services (Excluded)

- A. Furnish the services of Resident Project Representatives and other field personnel for

on-the-site observation of construction and for the performance of required construction layout surveys. The duties, responsibilities, and limitations of authority of Resident Project Representatives are further defined in Attachment A to this Agreement.

- B. Olsson will use the usual degree of care and prudent judgment in the selection of competent Project Representatives, and Olsson will use diligence to see that the Project Representatives are on the job to perform their required duties.
- C. 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.
- D. Review monthly and final estimates for payments to the contractor and furnish to the Owner any necessary recommendations as to payments to contractors and suppliers; assemble written guarantees which are required by the contract documents.
- E. Attend, in company with the Owner's representative, a final inspection of the project. This inspection will be for conformance with the design concept of the project and compliance with the contract documents. Recommend in writing final payment to the contractor.

Should Client request work in addition to the Scope of Services, Olsson shall invoice Client for such additional services (Optional Additional Services) at the standard hourly billing labor rate charged for those employees actually performing the work, plus reimbursable expenses if any. Olsson shall not commence work on Optional Additional Services without Client's prior written approval.

Olsson agrees to provide all of its services in a timely, competent and professional manner, in accordance with applicable standards of care, for projects of similar geographic location, quality and scope.

Date: 10-May-23

Job: Bentonville, AR- XNA/South Sewer Interceptor

		TOTALS			
Phase/ Task	Description of Work	Total Man-Days	Total Labor Fee	Total Expense Fee	Total Fee
100	Project Management and QC	-	\$ -	\$ -	\$ -
	FYV WTWW - PM & QA/QC	10.63	\$ 16,095.00	\$ 113.40	\$ 16,208.40
200	Preliminary Engineering Report	-	\$ -	\$ -	\$ -
	FYV WTWW	23.75	\$ 24,310.00	\$ -	\$ 24,310.00
300	Survey Phase Services	-	\$ -	\$ -	
	Survey	-	\$ -	\$ -	\$ 34,343.00
	Easements	-	\$ -	\$ -	\$ 8,000.00
400	Geotechnical Investigation Phase	-	\$ -	\$ -	\$ -
	Drilling	-	\$ -	\$ -	\$ 12,420.00
	Geotechnical report	-	\$ -	\$ -	\$ 13,430.00
500	Environmental Services	-	\$ -	\$ -	\$ -
	Wetland and Stream delineation	-	\$ -	\$ -	\$ 5,000.00
	Nationwide Permit	-	\$ -	\$ -	\$ 4,000.00
600	Detailed Design Phase	-	\$ -	\$ -	\$ -
	FYV WTWW - Detailed Design	-	\$ -	\$ -	\$ -
	Plans and Specifications	94.00	\$ 102,864.00	\$ 393.40	\$ 103,257.40
	ADH Permitting (including \$500 ADH fee)	1.75	\$ 2,102.00	\$ 500.00	\$ 2,602.00
	SWPPP and STAA Permitting	10.63	\$ 11,005.00	\$ -	\$ 11,005.00
700	Bidding Phase Services	-	\$ -	\$ -	\$ -
	FYV WTWW	12.75	\$ 15,690.00	\$ -	\$ 15,690.00
GRAND TOTAL		153.51	\$ 172,066.00	\$ 1,006.80	\$ 250,265.00

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General Infrastructure

LABOR RATE BILLING SCHEDULE 2023

LABOR RATES

<u>Description</u>	<u>Range</u>
Principal/Senior Professional	175 - 280
Project Manager.....	140 - 265
Project Professional.....	130 - 180
Associate Professional	115 - 135
Assistant Professional.....	85 - 130
Designer	110 - 160
CAD Operator	45 - 125
*Surveyor	65 - 150
*Survey Crew.....	130 - 175
*Construction Services.....	50 - 240
Administrative/Clerical.....	45 - 110

Note:

1. Special Services not included in above categories will be provided on a Special Labor Rate Schedule. Special rates include but are not limited to Power Delivery, Survey, Field Operations, Special Inspection, Construction Observation, Geotechnical, Non-Destructive Testing, Drilling, Executive Staff.
2. Rates subject to change based upon updates to Billing Rates for upcoming year.

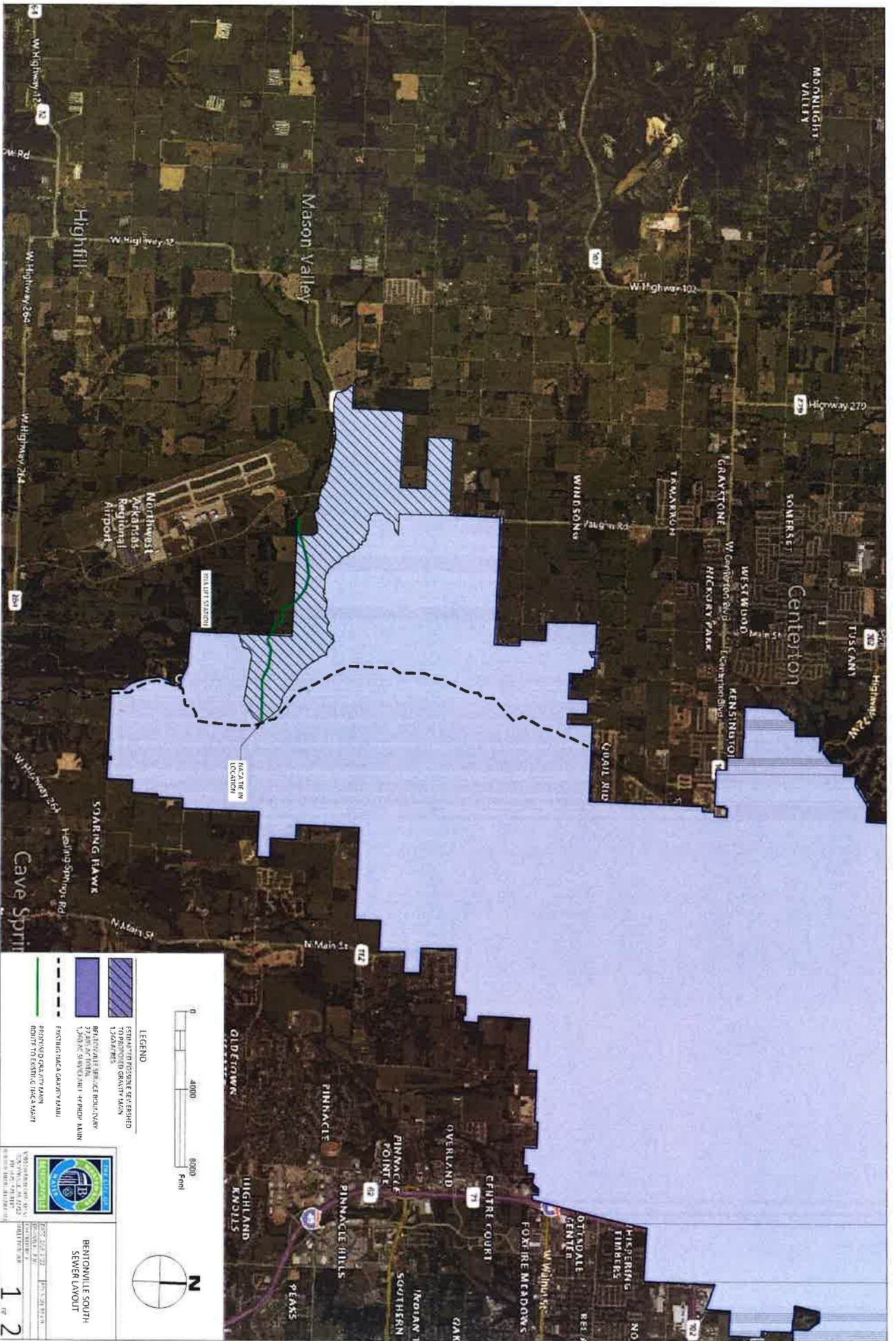
*Not inclusive of all services. Refer to Note 1.

REIMBURSABLE EXPENSE SCHEDULE

The expenses incurred by Olsson or Olsson's independent professional associates or consultants directly or indirectly in connection with the Project shall be included in periodic billing as follows:

<u>Classification</u>	<u>Cost</u>
Automobiles (Personal Vehicle)	\$0.56/mile*
Suburban's and Pick-Ups	\$0.75/mile*
Automobiles (Olsson Vehicle)	\$85.00/day
Other Travel or Lodging Cost	Actual Cost
Meals	Actual Cost
Printing and Duplication including Mylars and Linens	
In-House	Actual Cost
Outside	Actual Cost+10%
Postage & Shipping Charges for Project Related Materials including Express Mail and Special Delivery	Actual Cost
Film and Photo Developing	Actual Cost+10%
Telephone and Fax Transmissions	Actual Cost+10%
Miscellaneous Materials & Supplies Applicable to this Project	Actual Cost+10%
Copies of Deeds, Easements or other Project Related Documents	Actual Cost+10%
Fees for Applications or Permits	Actual Cost+10%
Sub-Consultants	Actual Cost+10%
Taxes Levied on Services and Reimbursable Expenses	Actual Cost

*Rates consistent with the IRS Mileage Rate Reimbursement Guidelines (Subject to Change).



Boring Location Map

Bentonville XNA Interceptor Sewer
To be adjusted pending final route determination.

Legend

-  Boring (Depth)
-  Preliminary Route 2-16-22



RESOLUTION NO. _____

**A RESOLUTION AUTHORIZING THE MAYOR TO
ENTER INTO A PROFESSIONAL SERVICES
AGREEMENT WITH OLSSON, INC. FOR DESIGN OF THE
SPRING CREEK SEWER INTERCEPTOR; ADJUSTING
THE 2023 BUDGET TO PROVIDE FUNDING FOR THIS
ANAYLSIS; AND FOR OTHER PURPOSES**

WHEREAS, the City of Bentonville wishes to engage a professional consultant to design the Spring Creek Sewer Interceptor;

WHEREAS, Olsson, Inc. has been selected pursuant to the City of Bentonville's professional service selection process in accordance with Arkansas law; and

WHEREAS, a budget adjustment in the amount of two hundred fifty thousand two hundred sixty-five dollars (\$250,265.00) is required to fund this agreement.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL FOR
THE CITY OF BENTONVILLE, ARKANSAS.**

Section 1: That the Mayor be and is hereby authorized to enter into a Professional Services Agreement with Olsson, Inc. for design of Spring Creek Sewer Interceptor in an amount not to exceed two hundred fifty thousand two hundred sixty-five dollars (\$250,265.00).

Section 2: The 2023 budget should be and the same is hereby adjusted to move two hundred fifty thousand two hundred sixty-five dollars (\$250,265.00) from ARPA funds to Account 401010-47341, Sewer Line Improvements;

Section 3 - Severability Provision: If any part of this Resolution is held invalid, the remainder of this Resolution shall continue in effect as if such invalid portion never existed; and

Section 4: Repeal of Conflicting Provisions: All Ordinances, Resolutions, or Orders of the City Council, or parts of the same, in conflict with this Resolution are repealed to the extent of such conflict.

PASSED and APPROVED this _____ day of _____, 2023.

APPROVED:

HON., Stephanie Orman
MAYOR

ATTEST:

Kirby Romines
CITY CLERK



Agenda Item Form

Date of City Council Meeting	6/06/2023 Utility Board: 6/13/2023 City Council
Department	Water Utilities
Submitted by	Mike Bender, Preston Newbill
Phone	(479) 271-6873, (479) 271-3140

Item Type: (Check Applicable Item Type)					
☒ Budget Adjustment	☐ Change Order	☐ Informational	☐ Ordinance	☒ Resolution	☐ Bid Award
Recommendation/Suggested Action (Enter recommendation in space below):					
Resolution - Staff is requesting approval of a resolution authorizing the Mayor to enter into an amended professional services agreement with E Source Companies, LLC in the amount of \$143,000.00 to evaluate water loss. This agreement includes tasks identified from ESource's initial report and will include identifying meters for additional testing, assistance with meter replacement plans, meter testing program, quarterly system-wide loss assessments for two years, district metering assessment and planning, and source meter testing. Funding for this engagement will be from the Water Utilities Fund Balance. This firm was selected following the City's standard RFQ solicitation and selection process for the procurement of professional services in accordance with state law.					

Estimated Cost	\$143,000.00
Is this Item Budgeted?	☐ Yes ☒ No
If no, please explain how item will be funded (briefly explain in space below) :	
Funds to cover cost over budget will come from Water Utilities Fund Balance	



Memo



To: City Council, Mayor Orman
From: Mike Bender
CC:
Date: June 2, 2023
Re: E Source Agreement for Water Loss Control Support

Resolution - Staff is requesting approval of a resolution authorizing the Mayor to enter into an amended professional services agreement with E Source Companies, LLC in the amount of \$143,000.00 to evaluate water loss. This agreement includes tasks identified from ESource's initial report and will include identifying meters for additional testing, assistance with meter replacement plans, meter testing program, quarterly system-wide loss assessments for two years, district metering assessment and planning, and source meter testing. Funding for this engagement will be from the Water Utilities Fund Balance. This firm was selected following the City's standard RFQ solicitation and selection process for the procurement of professional services in accordance with state law.

ESource will perform the following tasks with this engagement:

- Task 1 – Develop cohorts of small customer meters for additional testing**
- Task 2 – Analyze test results and available spatial data to build replacement plans**
- Task 3 – Develop materials to support internal meter testing program**
- Task 4 – Complete quarterly system-wide loss assessments for two years**
- Task 5 – District metered area assessment and planning**
- Task 6 – Complete an insertion meter test on source meter**

Thank you for your consideration of this request.



Budget Adjustment Request

Date of City Council Meeting	6/13/2023
Department	Water
Submitted by	Mike Bender, Preston Newbill
Phone	(479) 271-3140

Purpose of Budget Adjustment <i>(Enter purpose in space below):</i>
Budget adjustment utilizing Water Utilities reserves to fund next steps for water loss control identified in Esource's initial engagement investigating water loss.

General Ledger Account Information*				
Org (Department)	Object	Account Description	Revenue + (-)	Expense + (-)
503020	43410	Professional Services/Other		\$ 143,000.00
		Totals	\$ -	\$ 143,000.00
		Net Impact on Fund Balance	\$ (143,000.00)	
*Final Account Number will be determined by Accounting Department after approval and purchase				





Proposal to:

The City of Bentonville

April 18, 2023

Water Loss Control Support



**Solution Services
Water Loss Consulting**

3020 Carbon Pl. Ste. 300 | Boulder, Colorado 80301
www.esource.com | SalesSupport@esource.com

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April 18, 2023

Mike Bender, Water Utilities Director
City of Bentonville
1000 SW 14th Street
Bentonville, AR 72712

RE: AWWA Water Audit --Additional Analysis

Dear Mr. Bender,

E Source Companies ("E Source"), the leading solver of problems facing electric, gas, and water utilities, is pleased to provide this proposal to the City of Bentonville ("City" or "Bentonville") for AWWA Water Audit -- Additional Analysis.

E Source offers a broad portfolio of customer-first and technology-driven solutions to help utilities effectively manage the customer and infrastructure sides of their businesses reliably, efficiently, safely, and sustainably. Our guidance helps our clients make data-driven decisions to strengthen their customer relationships, plan for tomorrow's infrastructure needs, and further their sustainability goals while becoming more innovative and responsive in the rapidly evolving utility market.

The E Source Water Loss Consulting (WLC) Team has worked with more than 100 utilities in the United States to compile and validate water audits, design water loss control strategies, conduct leak detection surveys and evaluate production meter accuracy. Our expertise reaches to every element of implementing water loss control programs. In most of our work, we move beyond water loss analysis to establish water loss control programs that save water and money.

We are well versed in the benefits and challenges of designing and implementing meter accuracy maintenance programs. We have extensive experience in both designing informative meter testing programs and in appreciating the implications of meter accuracy for water loss control. Our experience is outlined in the proposal that follows; we hope it demonstrates our commitment to enabling water utilities to better understand and manage water losses.

We appreciate the opportunity to submit this proposal and thank you in advance for your consideration of our capabilities. We will be pleased to provide any further information and hope to hear from you soon.

Sincerely,



Reinhard Sturm, Senior Vice President
Water Loss Consulting
786-877-5752
Reinhard_sturm@esource.com



Kody Salem, Senior Vice President
Solution Services Business Development
615-375-6396
kody_salem@esource.com

Firm Experience

From primary research, consulting, and operational data systems selection and implementation expertise to breakthrough predictive data science services and AI applications, E Source enables energy and water utilities to collect, enhance, and use data to transform their operations and solve their sustainability, safety, reliability, equity, and cost challenges. With hundreds of clients, a 35-year focus exclusively on utilities, and a growing arsenal of data-driven solutions, E Source brings to each engagement an unrivaled understanding of what works and how to implement it, increasing speed to value.

The E Source Solution Services Division provides a range of services, from water loss audits and water management control programs to data analytics, feasibility studies, strategic plans, business cases, vendor selections, and all phases of the system implementation life cycle. We offer significant innovation, expertise, and experience to our customers.

E Source WLC's water loss expertise has been recognized by many industry stakeholders, including the American Water Works Association (AWWA) and the Water Research Foundation (WEF), as well as dozens of water utility managers nationwide. For nearly 20 years, utilities and professional drinking water associations have looked to E Source WLC to define best practices for water loss analysis, control, and management; as well as implementation of proven interventions against water loss; pioneering new methodologies; and galvanizing regional cooperation.

*Our unique blend of utility operational technology consulting expertise
coupled with industry-leading non-revenue water management proficiency is unmatched
by any other firm—and ideally suited for the City's project.*

Research institutes and professional drinking water associations overwhelmingly select us to review industry standards, evaluate the integration of new technologies with water loss management, and propose cutting-edge analysis and field studies that support distribution system efficiency.



Figure 1. E Source Water Consulting's Metrics Demonstrate Our Expertise

Our Water Research Foundation publications have been recognized as definitive guides to water loss management. Notably, the AWWA recommends that utilities employ our Real Loss Component Analysis model when developing water loss control programs. As shown in Figure 1 of the previous page, we are the North American industry leader in Water Loss Management.

We have worked with more than 100 utilities nationwide to compile and validate detailed water audits. With most of these partners, our work has moved beyond water loss analysis to establish water loss control programs that save water and money. In each of these projects, we established a nuanced understanding of each system's unique water loss profile, gained an appreciation for the strengths and uncertainties of each utility's data sources, and developed customized action plans that concretely improve system management and financial viability. In addition to developing comprehensive water loss control strategies, we also have a great deal of experience implementing these strategies to reduce water loss. Our recommendations are always informed by a detailed review of our clients' unique circumstances, characteristics, practices, and culture.

Our water loss management expertise includes supporting pioneer ground-breaking water loss control programs, such as the California Water Loss Technical Assistance Program (Water Loss TAP), where we led the largest water audit training and validation program ever offered—teaching best-practice methods and performing level 1 water audit validations for all 450 retail urban water suppliers in California.

Our expertise also includes developing proprietary water loss analysis tools and applications, including **Leak Scenario Builder**, our multi-agent simulation to systematically explore leakage control strategies for water distribution systems. Our modeling approach provides actionable recommendations to conserve water and save money while acknowledging uncertainty. We calibrate the leak scenario builder with system-specific data to provide insight into three core elements of leakage management: estimating impact on loss rates, anticipating required level of effort, and evaluating cost effectiveness.

The E Source customer service philosophy is to work on your behalf, “as an extension of your staff,” ensuring your interests are the primary focus throughout the effort.

Our mission is to ensure a high-quality delivery that meets your needs, budget, and schedule. We are extremely proud of our capabilities and are 100% confident we can achieve the City's goals. We work as an extension of your staff—our philosophy in providing services for our clients is to work side-by-side with your team, providing the needed expertise and experience to achieve project success.

Proposed Scope of Services

Project Understanding

The City of Bentonville engaged E Source to evaluate apparent losses and draft an initial AWWA water audit. Through this initial work, E Source was able to rule out systematic data handling errors as a significant driver for the increased levels of loss the City has experienced in recent years.

Based on long-term usage patterns, E Source identified two groups of customer meters that were most likely to be inaccurate. Lab testing confirmed that these groups of meters had significantly degraded accuracy compared to a reference data set of more than 5,000 meters that E Source has compiled over many projects.

The primary goal for this expanded scope is to complete additional analysis to prioritize remaining customer meters for further lab testing such that the results can be used to inform the City's replacement strategy.

Scope of Work

Task 1: Develop Cohorts of Small Customer Meters for Additional Testing

E Source will analyze usage patterns to cluster meters with similar characteristics that have the largest decrease in usage after AMI deployment. Characteristics that E Source have discussed with Bentonville for use in this analysis include: Register serial patterns, register types, meter body type, meter body material (composite vs brass), meter size, and customer type.

Recommended meters for testing will balance considerations with available supply of new replacement customer meters.

Outcomes:

- A summary of the factors that best predict a decline in usage after AMI deployment. These factors will be used to prioritize cohorts of meters for testing.
- Sample-size selection describing the number of meters to test from each cohort of customer meters.
- Lists of randomly selected customer meters to pull for testing and to inform Task 2 described below.

Task 2: Analyze Test Results & Available Spatial Data to Build Replacement Plans

In order to build a business case for and to prioritize the replacement effort, E Source will analyze test results gathered in addition to available spatial data describing customer meter locations. Spatial data will be analyzed to identify clusters of meters with like characteristics such that replacement crews can focus their efforts in one area at a time.

Outcomes:

- Derivation of the mean accuracy for each cohort of customer meters in addition to statistical significance as it relates to replacement decision making.
- A cost-benefit analysis of meter replacement for each cohort.
- A final technical memorandum describing all findings and replacement recommendations.

Task 3: Develop Materials to Support Internal Meter Test Programming

E Source made some initial recommendations for large and small customer meter test program development in the previous scope of work. This task would build upon those recommendations to provide the city with tools to support test completion and result data archival.

Outcomes:

- New Small Meters: Sample size recommendations for new batches of small customer meters
- In-Service Small Meters Sample size recommendations for testing in-service small customer meters over the next five years.
- In-Service Large Meters: A revenue-prioritized schedule for testing large customer meters to maintain their accuracy after initial problems have been resolved.
- New Large Meters: Recommendations to test each new-large customer meter after installation.
- Test result data collection sheets for field staff to use.
- Test result data archival tools, such as templated excel workbooks with clearly defined columns for analysis.
- Written standard operating procedures (SOP) describing the steps to test small and large customer meters to ensure consistent methodology going forward given potential staff turnover.

Task 4: Complete Quarterly System-Wide Loss Assessments for Two Years

E Source will analyze production and customer usage data each quarter to provide a system-wide loss assessment such that the City can track progress towards reducing water losses. The loss assessments will leverage industry-leading key performance indicators. E Source will set up an automated loss monitoring dashboard first. Should technical issues delay automated loss assessments and dashboard setup, E Source will instead provide brief assessments of system loss quarterly.

Outcomes:

- An automated dashboard summarizing system loss on a rolling quarterly basis, updated each month.
- Or eight summary reports of system losses, one for each quarter.

Task 5: District Metered Area Assessment & Planning

E Source will analyze available system data, including GIS data where available, in addition to discussions with City staff, to identify candidate areas for developing district metered areas (DMAs). DMAs are hydraulically discrete portions of the distribution system with metered inlets and outlets such that the volume of authorized use inside the zone boundaries can be compared with the net volume of supply into the area. By comparing use with supply, functioning DMA's allow system managers to deploy water loss recovery efforts to specific areas strategically when losses exceed a predetermined threshold.

This task would help the City to plan for DMA implementation and position E Source to assist with that implementation and monitoring in the future should that be of interest.

Outcomes:

1. A report identifying candidate areas to develop district metered areas (DMAs) including zone statistics such as the number of boundary sites (inlets & outlets), miles of main, and count of service connections based on available data.
2. An updated baseline loss assessment for the existing DMA with the possibility of continued monitoring depending on initial findings.
3. A DMA implementation plan documenting the general steps and considerations for establishing DMAs based on E Sources extensive experience.

Optional Task 6: Complete an Insertion Meter Test on the 24 Inch Supply Line from Beaver Water

Beaver Water has already volunteered to have the City's source meters tested using an ultrasonic meter. This effort may be sufficient for the City to rule out source meter inaccuracy as a contributing factor in their elevated loss levels. However, should additional testing be beneficial, E Source included pricing for that work in this proposal as a reference.

Outcomes:

- A report quantifying the source meter's accuracy in addition to test margins of error.
- Assessment of the impact inaccuracy may have on water losses.

Project Team

E Source aims to provide the right team of focused experts on each project we pursue—highly skilled senior consultants, comprised of experts in their fields who understand the unique drivers, responsibilities, and needs of our clients. We have assembled a team of consulting experts with the directly relevant experience needed for project success.



Project Team Qualifications

The following information provides highlights of each team member's qualifications to support this project. Resumes for each are provided as **Appendix A** of this proposal. In addition to the identified project team, we have several other on-demand resources and support staff who are available if and as needed.

Kris Williams, Project Lead

- 7+ years of water loss consulting experience, including managing all aspects of water loss control program development; 7+ years of experience with WSO (acquired by E Source in 2021); currently serves as Director of TPI Water Loss Consulting
- Developed and implemented multi-year programs in partnership with water utility clients—from initial proposal to project hand-off
- Expertise includes applying statistics; cleaning and analyzing data; developing program tools to process client data efficiently and consistently; and coordinating, executing, and reporting on extensive field data collection projects (including leak detection, comprehensive pressure surveys, source meter testing, and customer meter flow profiling)
- Served in same role for the City of Fountain Valley (reference project 1), Moulton Niguel Water District (reference project 2), Coachella Valley Water District (reference project 3), and the East Bay Municipal District (reference project 4) among others
- Authored technical reports ranging from customer meter management strategies to comprehensive water loss control master plans for both small and large water utilities

Reinhard Sturm, Water Loss Subject Matter Expert

- 20+ years of water loss consulting experience
- Served as Water Loss SME supporting water loss audit, prevention, and control programs for 50+ utility clients
- 19 years of experience with WSO (acquired by E Source in 2021); currently serves as Senior Vice President, TPI Water Loss Consulting
- Frequent speaker at AWWA and WEF conferences on water loss management; co-authored *Water Loss Control* (2nd Ed.) and published 20+ papers on various water loss topics
- Served in same role for Moulton Niguel Water District (reference project 2), Coachella Valley Water District (reference project 3), and the East Bay Municipal District (reference project 4) among others

Don Rankin, Water AMI and Water Operations Subject Matter Expert

- 30+ years of water utility experience; 7+ years of experience with E Source (Director, Water Operations)
- Experience includes 19 years as Utilities Director at the City of Topeka, where he gained extensive experience investigating and resolving water loss
- Expertise includes defining, developing and directing multiple water loss initiatives, including development of reporting tools that extracted information from a SunGard HTE billing application to identify billing failures due to new account additions, rate misapplication to accounts, High/Low reporting failures, off cycle billing escapes, misapplication of cancel / rebill for sewer adjustments, aged payment processing, and identification of accounts where a single customer had outstanding debt.
- Served as Water AMI Meter and Operations SME supporting utility IT and OT systems planning, acquisition, implementation and integration projects involving AMI, MDMS, data analytics, and related technologies for 30+ utility clients, including Long Beach Water (reference project 5) and WaterOne (reference project 6)
- Frequent speaker at AWWA and WEF conferences on AMI reporting, asset management, cost reduction, and leadership practices

George Prounis, Water Loss Project Analyst

- PhD in neuroscience with deep experience in applied statistics to derive insights from complex data for a variety of industry clients.
- More than a decade of experience in data analysis, research and scientific publication in both academia and industry.
- Professional certifications in descriptive and predictive analytics.

Fee

E Source proposes to perform the scope of services as detailed in this proposal for a fixed labor fee of \$143,000. The breakdown of this fee is shown in the table below.

Task	Hours Cost	Estimated Expenses	Total Fee
Task 1: Develop Cohorts of Small Customer Meters for Additional Testing	\$24,000	-	\$24,000
Task 2: Analyze Test Results & Available Spatial Data to Build Replacement Plans	\$18,000	-	\$18,000
Task 3: Develop Materials to Support Internal Meter Test Programming	\$20,046	\$1,954	\$22,000
Task 4: Complete Quarterly System-Wide Loss Assessments for Two Years	\$35,000	-	\$35,000
Task 5: District Metered Area Assessment & Planning	\$33,364	\$1,636	\$35,000
Optional Task 6: Complete an Insertion Meter Test	\$8,182	\$818	\$9,000
Total			\$143,000

E Source has calculated the proposed fee based on experience completing several similar projects. Our fee includes all services and deliverables described herein. E Source can adjust the scope of work to provide support to match the needs of Bentonville.

Assumptions

The following assumptions apply to this proposal:

- E Source's proposed fee to implement this Scope of Work is based on the timely start and timely completion of each proposed task as outlined in the project schedule provided herein. If an unforeseen delay in any proposed task(s) impacts the level of effort identified or exceeds the duration outlined in the proposed schedule, E Source reserves the right to develop a change order applicable to the additional services / level of effort required to complete the impacted task(s).
- These rates and estimates are exclusive of taxes. Any required state, city, or local government taxes, fees, or business licenses costs will be invoiced at actual cost incurred.
- Bentonville will provide E Source with working space, network connections, infrastructure, administrative support, and other services and materials reasonably required to perform project work while onsite at City offices, if requested.

Payment Terms

Payment terms are net thirty (30) days unless otherwise agreed upon. E Source reserves the right to charge one and one-half (1.5%) percent per month, or the maximum rate permitted by law, if less than 1.5%, on any balance remaining unpaid after thirty (30) days.

Proposal Terms and Conditions

Terms of this proposal remain valid for 90 days from date of submittal. E Source reserves the right to negotiate any terms and conditions of the written agreement relating to this SOW with Bentonville.

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE MAYOR TO ENTER INTO AN AMENDED PROFESSIONAL SERVICES AGREEMENT WITH E SOURCE COMPANIES, LLC FOR WATER LOSS CONTROL SUPPORT; ADJUSTING THE 2023 BUDGET TO PROVIDE FUNDING FOR THIS ANALYSIS; AND FOR OTHER PURPOSES

WHEREAS, the City of Bentonville wishes to engage a professional consultant to assist with water loss control;

WHEREAS, E Source Companies, LLC has been selected pursuant to the City of Bentonville's professional service selection process in accordance with Arkansas law; and

WHEREAS, a budget adjustment in the amount of one hundred forty-three thousand dollars (\$143,000.00) is required to fund this agreement.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL FOR THE CITY OF BENTONVILLE, ARKANSAS.

Section 1: That the Mayor be and is hereby authorized to enter into an amended Professional Services Agreement with E Source Companies, LLC for a water loss control support in an amount not to exceed one hundred forty-three thousand dollars (\$143,000.00).

Section 2: The 2023 budget should be and the same is hereby adjusted to move one hundred forty-three thousand dollars (\$143,000.00) from utility fund reserves to Account 503020-4310, Professional Services/Other;

Section 3 - Severability Provision: If any part of this Resolution is held invalid, the remainder of this Resolution shall continue in effect as if such invalid portion never existed; and

Section 4: Repeal of Conflicting Provisions: All Ordinances, Resolutions, or Orders of the City Council, or parts of the same, in conflict with this Resolution are repealed to the extent of such conflict.

PASSED and APPROVED this _____ day of _____, 2023.

APPROVED:

HON., Stephanie Orman
MAYOR

ATTEST:

Kirby Romines
CITY CLERK