



Proposal for Sewer Hydraulic Model Consultant Services - Bartlett & West - Item (K)(7)

From Jesse Stephens <JStephens@bcrsd.com>

Date Fri 1/16/2026 7:01 AM

To Jesse Stephens <JStephens@bcrsd.com>

Dear Board of Trustees,

I'm seeking a motion to allow the Executive Director to execute the attached agreement for Sewer Hydraulic Modelling development in the Quantrill's Pass (South Route K) area and along the HH Corridor adjacent to Route B. These models will provide necessary information as we move forward into planning and design of the Brown Station/Richardson Acres project and the South Route K project.



Jesse Stephens, PE - Executive Director
Boone County Regional Sewer District (BCRSD)
1314 N. 7th St., Columbia, MO 65201
C: 573.239.4025 | O: 573.443.2774
e: jstephens@bcrsd.com | w: www.bcrsd.com

APPROVAL OF PROPOSAL FOR CONSULTANT SERVICES
Low Pressure Hydraulic Sewer Model – 2026
(CONTRACT 10)

Effective the ____ day of _____, 20____, Boone County Regional Sewer District (BCRSD), a public sewer district organized under Chapter 204 of the Revised Statutes of Missouri, (herein “Owner”) hereby approves and authorizes professional services by the Consultant referred to below for the services specified below.

Consultant Name: Bartlett & West, Inc.

Project/Work Description: Boone County Regional Sewer District, Route HH Corridor Sewer Model, and Quantrill’s Pass Sewer Model

Proposal Description: Exhibit A – See attached proposal submitted November 19, 2025

Schedule: Work to be completed as proposed on a monthly payment schedule, only after approval of the proposal has been fully signed by the BCRSD and Bartlett and West.

Modifications to Proposal: Services during this contract will be provided on an hourly fee plus expense basis for the not to exceed amount of \$22,793.00. This approval serves as the notice to proceed.

Sewer Model History:

Contract	Proposal Approval	Approval Date	Amount
9	Hill Creek Subdivision Sewer Model	8/19/2025	\$ 13,226.00

This form agreement and any attachments to it shall be considered the approved proposal; signature by all parties below constitutes a contract for services in accordance with the above-described proposal and any approved modifications to the proposal, both of which shall be in accordance with the terms and conditions of the General Consultant Services Agreement signed by the Consultant and Owner for the current calendar year, which is hereby incorporated by reference. Performance of Consultant’s services and compensation for services shall be in accordance with the approved proposal and any approved modifications to it and shall be subject

to and consistent with the General Consultant Services Agreement for the current calendar year. In the event of any conflict in interpretation between the proposal approved herein and the General Consultant Services Agreement, the terms and conditions of the General Consultant Services Agreement shall control unless the proposal approved herein specifically identifies a term or condition of the General Consultant Services Agreement that shall not be applicable.

BARTLETT & WEST, INC.

By _____
Kyle J. Landwehr

Title: Project Manager

Dated: _____

BOONE COUNTY REGIONAL SEWER DISTRICT

Jesse Stephens

Executive Director

Dated: _____

EXHIBIT A

November 19, 2025

Boone County Regional Sewer District (BCRSD)
1314 N. 7th St.
Columbia, MO 65201

Re: Proposal for Route HH Corridor Sewer Model

Daniel/Jesse,

We appreciate the opportunity to assist the Sewer District with the above-mentioned project. Enclosed you will find the following documentation supporting this proposal:

- Scope of Work (See **Attachment A**)
- Basis of Compensation (fee estimate spreadsheet – **Attachment B**)
 - We propose that the contract be structured on an hourly basis with an upper limit of \$14,923.00. The detailed hours estimate can be referenced in **Attachment B**. Note that our fee estimate includes an assumed inflation factor of 4% to account for 2026 charge rate adjustments. We will provide our 2026 charge rate and reimbursement schedules when they become available.
- Proposed Payment Schedule (See **Attachment C**).
 - Please note that this is an estimate and actual invoice amounts per month may vary based on actual charges incurred since billing will be on an hourly basis.
- Updated Certificate of Liability Insurance (See **Attachment D**).
- 2025 Hourly Rate Schedule (See **Attachment E**).
- 2025 Schedule of Reimbursable Expenses (See **Attachment F**).

Should you need any additional information in preparation of the Contract, please do not hesitate to contact us.

Sincerely,



Kyle J. Landwehr, P.E., ENV SP
Kyle.landwehr@bartwest.com
(573) 659-6727

ATTACHMENT A

SCOPE OF WORK

EXHIBIT A

SCOPE OF WORK

BOONE COUNTY REGIONAL SEWER DISTRICT (BCRSD)

SEWER GEMS MODELING – ROUTE HH CORRIDOR

Bartlett & West Project Number: 18688.P06

Background

Boone County Regional Sewer District (BCRSD) has reached out to Bartlett & West for the development of a Sewer GEMS Bentley Model for specific portions of their wastewater collection system. This Sewer GEMS model will pull information from the BCSRSD Online ArcGIS database and additional specific information (such as pump type, demand, possibly spot elevations, etc.) will be provided by BCRSD for implementation into the Sewer GEMS model. The purpose of the model is to evaluate the force main sizing throughout the specific locations selected to determine if the pipe sizing is adequate. Moreover, the model will provide BCRSD with a quick interactive tool to determine if a home or group of homes is able to connect to the system in it's current state or if upgrades would be necessary.

Scope of Work

The Consultant will perform the following tasks in relation to the project.

Route HH Corridor – Low Pressure Sewer System and BCRSD Lift Stations

1. Project scoping
 - a. Initial coordination with Client to develop the scope, fee, schedule, and task order
2. Project management
 - a. Internal administration of contract, invoices, and project documentation
 - b. Coordination with Client including weekly status updates by email
 - c. Internal team meetings
3. Modeling
 - a. Integration of aerial map in Sewer GEMS model
 - b. Downloading and Processing of LiDAR publicly available topographical data
 - c. Integration of LiDAR topographical data in Sewer GEMS Model
 - d. OPTIONAL TASK: Field Survey verification of pump well rim elevations and dimensions (depth and diameter) for accurate model sizing
 - e. Export of BCRSD online GIS data into Shapefiles to be uploaded to Model
 - f. Integration of Shapefiles into Model and review of proper integration
 - g. Addition of individual service wet wells and pumps for each home in area to be modeled
 - h. Integration of actual water sold data, provided by BCRSD, into each home's sanitary loading
 - i. Development of alternate pump curves for other pumps present throughout the system
 - j. Verify BCRSD pump station's pump sizing
 - k. Integration of BCSRSD pump station pump run times for accurate downstream pumping
 - l. Development of Various scenarios for alternatives to be evaluated
 - i. Scenarios to be determined by BCRSD and Bartlett & West to see what would provide most value
 - ii. Assuming development of up to 5 scenarios
 - m. Add pump controls for Timed Pump Scenario



- n. Calibration and review/revisions to model as necessary
- 4. Meetings
 - a. Initial meeting with BCRSD to determine necessary scenarios desired, assume virtual meeting
 - b. Meeting to discuss findings of model, assume in person meeting
- 5. Deliverables
 - a. Graphs of LPS outlet structure to see pump run times
 - b. Tables of Pump run times
 - c. Executive summary of findings

EXCLUSIONS and Services Not Included with this Task Order. The following services are specifically excluded from the Scope of Work but may be provided at Engineer's current standard hourly rates as submitted in this Proposal.

- 1. Design of any of the proposed projects recommended/discovered as part of the Executive Summary.
- 2. Modeling of wastewater collection system beyond the defined subdivisions as listed in Scope of Work.
- 3. Modeling of additional demand scenarios beyond the defined number listed in Scope of Work.
- 4. Bidding and construction administration.
- 5. Attending additional meetings beyond those listed in the Scope of Work.
- 6. Conducting additional site visits beyond those listed in the Scope of Work.
- 7. Deed research and legal descriptions for easements.
- 8. Easement acquisition assistance.
- 9. Coordination with property owners.
- 10. Permitting.
- 11. Geotechnical investigations of any kind.
- 12. Hydrogeological evaluations of any kind.
- 13. Environmental, archaeological, and cultural evaluations of any kind.
- 14. Assistance in obtaining project financing and loans.
- 15. Participation in and/or preparation for public meetings and hearings.
- 16. Pre-bid meetings.
- 17. Construction Phase services.
- 18. Services resulting from significant changes in the scope, extent, or character of the portions of the project designed or specified by the Consultant including, but not limited to, changes in size, complexity, Client's schedule, character of construction, and method of financing. These services may also be as a result of changes in laws or regulations or other causes beyond the Consultant's control.
- 19. Serving as a consultant or witness for the Client in any litigation, arbitration, and/or other dispute resolution process related to the project.
- 20. Requirements and/or preparation of applications, documents, and reports for grants.
- 21. Other services performed by the Consultant not otherwise provided for in this Scope of Work.



Client Responsibilities

Client's responsibilities in the completion of this Scope of Work are as follows:

1. General Obligations. All obligations as listed in the Master Service Agreement.
2. Provide specific subdivision boundaries for limits of Sewer GEMS model study.
3. Provide Consultant with requested drinking water demand data to be inputted into the Sewer GEMS model.
4. Provide Consultant with the current sewer pump model information – specifically, the pump curve, duty point, and for which connections this pump is applicable to.
5. Coordination with Consultant on timely response to meeting requests and data requests.
6. Provide Consultant with pump run times for BCRSD large pump stations and provide pump information (specifically, the pump curve, duty point, and any necessary VFD information).
7. Timely review of draft documents.
8. Provide input on design/model information.

Schedule

To be determined after discussions with BCRSD – set for completion in 2026

Fee

Hourly Upper Limit Fee of \$14,923.00



Driving Community and Industry Forward, Together.

ATTACHMENT B

DETAILED FEE ESTIMATE

BOONE COUNTY REGIONAL SEWER DISTRICT (BCRSD) SEWER GEMS MODELING Project No.: 18688.P06	Engineer VI		Engineer V		Engineer III		GIS Tech IV		Labor	Trips		Printing or	Expenses	Project	Inflation	Total
	Hrs \$193.00	Subtotal	Hrs \$182.00	Subtotal	Hrs \$162.00	Subtotal	Hrs \$119.00	Subtotal	Subtotal Costs	# of Trips \$50.00	Subtotal	Misc/Other Costs	Subtotal Costs	Subtotal Costs	Factor 4.0%	Project Costs
Route HH Corridor – Low Pressure Sewer System and BCRSD Lift Stations																
1. Project scoping																\$369.20
a. Initial coordination with Client to develop the scope, fee, schedule, and task order	1.0	\$193.00		\$0.00	1.0	\$162.00		\$0.00	\$355.00		\$0.00		\$0.00	\$355.00	\$14.20	\$369.20
2. Project management																\$1,107.60
a. Internal administration of contract, invoices, and project documentation	1.0	\$193.00		\$0.00		\$0.00		\$0.00	\$193.00		\$0.00		\$0.00	\$193.00	\$7.72	\$200.72
b. Coordination with Client including weekly status updates by email		\$0.00		\$0.00	1.0	\$162.00		\$0.00	\$162.00		\$0.00		\$0.00	\$162.00	\$6.48	\$168.48
c. Internal team meetings	2.0	\$386.00		\$0.00	2.0	\$324.00		\$0.00	\$710.00		\$0.00		\$0.00	\$710.00	\$28.40	\$738.40
3. Modeling																\$11,411.92
a. Integration of aerial map in Sewer GEMS model		\$0.00	1.0	\$182.00	2.0	\$324.00		\$0.00	\$506.00		\$0.00		\$0.00	\$506.00	\$20.24	\$526.24
b. Downloading and Processing of LiDAR publicly available topographical data		\$0.00		\$0.00		\$0.00	3.0	\$357.00	\$357.00		\$0.00		\$0.00	\$357.00	\$14.28	\$371.28
c. Integration of LiDAR topographical data in Sewer GEMS Model		\$0.00	1.0	\$182.00	2.0	\$324.00	1.0	\$119.00	\$625.00		\$0.00		\$0.00	\$625.00	\$25.00	\$650.00
d. OPTIONAL TASK: Field Survey verification of pump well rim elevations and dimensions (depth and diameter) for accurate model sizing		\$0.00		\$0.00		\$0.00	8.0	\$952.00	\$952.00	1.0	\$50.00		\$50.00	\$1,002.00	\$40.08	\$1,042.08
e. Export of BCRSD online GIS data into Shapefiles to be uploaded to Model		\$0.00		\$0.00	1.0	\$162.00	3.0	\$357.00	\$519.00		\$0.00		\$0.00	\$519.00	\$20.76	\$539.76
f. Integration of Shapefiles into Model and review of proper integration		\$0.00	1.0	\$182.00	10.0	\$1,620.00	1.0	\$119.00	\$1,921.00		\$0.00		\$0.00	\$1,921.00	\$76.84	\$1,997.84
g. Addition of individual service wet wells and pumps for each home in area to be modeled		\$0.00		\$0.00	6.0	\$972.00		\$0.00	\$972.00		\$0.00		\$0.00	\$972.00	\$38.88	\$1,010.88
h. Integration of actual water sold data, provided by BCRSD, into each home's sanitary loading		\$0.00		\$0.00	4.0	\$648.00		\$0.00	\$648.00		\$0.00		\$0.00	\$648.00	\$25.92	\$673.92
i. Development of alternate pump curves for other pumps present throughout the system		\$0.00		\$0.00	2.0	\$324.00		\$0.00	\$324.00		\$0.00		\$0.00	\$324.00	\$12.96	\$336.96
j. Verify BCRSD pump station's pump sizing		\$0.00		\$0.00	1.0	\$162.00		\$0.00	\$162.00		\$0.00		\$0.00	\$162.00	\$6.48	\$168.48
k. Integration of BCSRD pump station pump run times for accurate downstream pumping	1.0	\$193.00		\$0.00	3.0	\$486.00		\$0.00	\$679.00		\$0.00		\$0.00	\$679.00	\$27.16	\$706.16
l. Development of Various scenarios for alternatives to be evaluated		\$0.00	3.0	\$546.00	4.0	\$648.00		\$0.00	\$1,194.00		\$0.00		\$0.00	\$1,194.00	\$47.76	\$1,241.76
i. Scenarios to be determined by BCRSD and Bartlett & West to see what would provide most value		\$0.00		\$0.00		\$0.00		\$0.00	\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
ii. Assuming development of up to 5 scenarios		\$0.00		\$0.00		\$0.00		\$0.00	\$0.00		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00
m. Add pump controls for Timed Pump Scenario		\$0.00	1.0	\$182.00	2.0	\$324.00		\$0.00	\$506.00		\$0.00		\$0.00	\$506.00	\$20.24	\$526.24
n. Calibration and review/revisions to model as necessary		\$0.00	5.0	\$910.00	4.0	\$648.00		\$0.00	\$1,558.00		\$0.00		\$0.00	\$1,558.00	\$62.32	\$1,620.32
4. Meetings																\$1,159.60
a. Initial meeting with BCRSD to determine necessary scenarios desired, assume virtual meeting	1.0	\$193.00		\$0.00	1.0	\$162.00		\$0.00	\$355.00		\$0.00		\$0.00	\$355.00	\$14.20	\$369.20
b. Meeting to discuss findings of model, assume in person meeting	2.0	\$386.00		\$0.00	2.0	\$324.00		\$0.00	\$710.00	1.0	\$50.00		\$50.00	\$760.00	\$30.40	\$790.40
5. Deliverables																\$874.64
a. Graphs of LPS outlet structure to see pump run times		\$0.00		\$0.00		\$0.00	1.0	\$162.00		\$0.00	\$162.00		\$0.00	\$162.00	\$6.48	\$168.48
b. Tables of Pump run times		\$0.00		\$0.00		\$0.00	1.0	\$162.00		\$0.00	\$162.00		\$0.00	\$162.00	\$6.48	\$168.48
c. Executive summary of findings	1.0	\$193.00		\$0.00	2.0	\$324.00		\$0.00	\$517.00		\$0.00		\$0.00	\$517.00	\$20.68	\$537.68
TOTALS	9.0	\$1,737.00	12.0	\$2,184.00	52.0	\$8,424.00	16.0	\$1,904.00	\$14,249.00	2.0	\$100.00	\$-	\$100.00	\$14,349.00	\$573.96	\$14,922.96

*Note: 62 miles per round trip * \$0.80/mile = \$49.60 per trip - round to \$50.00 per trip

ATTACHMENT C

PROPOSED PAYMENT SCHEDULE

BCRSD ROUTE HH CORRIDOR SEWER MODEL INVOICING SCHEDULE

Month/Year	Tasks	Anticipated Invoice Amount
Jan-26	PM tasks	\$4,000.00
	Initial kickoff meeting	
	Data request and evaluation	
	Initial model setup	
	Incorporation of shape files	
	Download LiDAR Topo	
Feb-26	PM tasks	\$8,000.00
	Field rim elevation pickups	
	Model scenario development	
	Model pump condition inputs	
	Integrate actual flow data	
	Calibration/review	
Mar-26	Review meeting with staff	\$2,923.00
	Print graphs & tables	
	Write executive summary	
	Final Deliverable to BCRSD	
Total:		\$14,923.00

ATTACHMENT D

CERTIFICATE OF LIABILITY INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/27/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERs NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER IMA, Inc. - Kansas City 11350 Switzer Rd Suite 200 Overland Park KS 66210	CONTACT NAME: IMA Certificate Team	
	PHONE (A/C, No, Ext):	FAX (A/C, No):
	E-MAIL ADDRESS: certificates@imacorp.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
INSURED Bartlett & West, Inc. 1200 SW Executive Drive Topeka KS 66615-3850	INSURER A: The Continental Insurance Company	35289
	INSURER B: Valley Forge Insurance Company	20508
	INSURER C: American Casualty Company of Reading,	20427
	INSURER D: Continental Casualty Company	20443
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 356989354

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
B	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR X Contractual GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PRO- JECT <input checked="" type="checkbox"/> LOC OTHER:			6042700793	7/1/2025	7/1/2026	EACH OCCURRENCE	\$ 1,000,000	
	DAMAGE TO RENTED PREMISES (Ea occurrence)						\$ 1,000,000		
	MED EXP (Any one person)						\$ 15,000		
	PERSONAL & ADV INJURY						\$ 1,000,000		
	GENERAL AGGREGATE						\$ 2,000,000		
	PRODUCTS - COMP/OP AGG						\$ 2,000,000		
C	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			6042700731	7/1/2025	7/1/2026	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000	
A	X UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input checked="" type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			6043288583	7/1/2025	7/1/2026	BODILY INJURY (Per person)	\$	
	BODILY INJURY (Per accident)						\$		
	PROPERTY DAMAGE (Per accident)						\$		
	Comp/Collision Ded:						\$ \$1,000/\$1,000		
	EACH OCCURRENCE						\$ 9,000,000		
A	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input checked="" type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000						AGGREGATE	\$	
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input checked="" type="checkbox"/> Y / N N	N / A	6042700745	7/1/2025	7/1/2026	X PER STATUTE	OTHE-	
D	Pollution Liability Professional Liability			AEH591970792 AEH591970792	7/1/2025 7/1/2025	7/1/2026 7/1/2026	Prof/Pol Each Claim Prof/Pol Aggregate	\$ 10,000,000 \$ 10,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

States of North Dakota, Ohio, Washington & Wyoming are not included in the Workers Compensation Coverage.

General Liability Policy includes Stop Gap Liability for North Dakota, Ohio, Washington & Wyoming, subject to the policy terms and conditions.

General Liability Policy includes Contractual Liability for Railroads, subject to the terms, conditions, limitations and exclusions.

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ATTACHMENT E

HOURLY RATE SCHEDULE

BARTLETT & WEST, INC.
2025 SCHEDULE OF HOURLY CHARGES
Effective January 1, 2025

Engineer Landscape Architect Architect Operations Consultant Environmental Planner Transportation Planner	XII	\$288.00	GIS Coordinator IX	\$267.00
	XI	267.00	GIS Coordinator VIII	250.00
	X	248.00	GIS Coordinator VII	238.00
	IX	233.00	GIS Coordinator VI	221.00
	VIII	217.00	GIS Coordinator V	209.00
	VII	206.00	GIS Coordinator IV	193.00
	VI	193.00	GIS Coordinator III	181.00
	V	182.00	GIS Coordinator II	164.00
	IV	172.00	GIS Coordinator I	152.00
	III	162.00		
	II	145.00		
	I	132.00	GIS Developer/DBA VI	\$231.00
Engineering Technician XI Engineering Technician X Engineering Technician IX Engineering Technician VIII Engineering Technician VII Engineering Technician VI Engineering Technician V Engineering Technician IV Engineering Technician III Engineering Technician II Engineering Technician I			GIS Developer/DBA V	213.00
			GIS Developer/DBA IV	197.00
			GIS Developer/DBA III	181.00
			GIS Developer/DBA II	167.00
			GIS Developer/DBA I	157.00
			GIS Analyst VII	\$184.00
			GIS Analyst VI	171.00
			GIS Analyst V	158.00
			GIS Analyst IV	145.00
			GIS Analyst III	138.00
			GIS Analyst II	128.00
Surveyor X Surveyor IX Surveyor VIII Surveyor VII Survey Technician VIII Survey Technician VII Survey Technician VI Survey Technician V Survey Technician IV Survey Technician III Survey Technician II Survey Technician I			GIS Analyst I	121.00
			GIS Technician V	\$131.00
			GIS Technician IV	119.00
			GIS Technician III	106.00
			GIS Technician II	94.00
			GIS Technician I	83.00
Construction Eng. Tech IX Construction Eng. Tech VIII Construction Eng. Tech VII Construction Eng. Tech VI Construction Eng. Tech V Construction Eng. Tech IV Construction Eng. Tech III Construction Eng. Tech II Construction Eng. Tech I Right-of-Way Technician VI Right-of-Way Technician V Right-of-Way Technician IV Right-of-Way Technician III Right-of-Way Technician II Right-of-Way Technician I			Project Coordinator V	\$188.00
			Project Coordinator IV	171.00
			Project Coordinator III	155.00
			Project Coordinator II	141.00
			Project Coordinator I	125.00
Systems Analyst Systems Administrator Systems Technician Administrator VII Administrator VI Administrator V Administrator IV Administrator III Administrator II Administrator I			Systems Analyst	\$207.00
			Systems Administrator	157.00
			Systems Technician	104.00
Administrative Technician V Administrative Technician IV Administrative Technician III Administrative Technician II Administrative Technician I			Administrator VII	\$165.00
			Administrator VI	151.00
			Administrator V	134.00
			Administrator IV	119.00
			Administrator III	107.00
			Administrator II	96.00
			Administrator I	87.00

ATTACHMENT F

SCHEDULE OF REIMBURSABLE EXPENSES

BARTLETT & WEST, INC.

SCHEDULE OF REIMBURSABLE COSTS/CHARGES

EFFECTIVE JANUARY 1, 2025

<u>DESCRIPTION</u>	<u>CHARGE AMOUNT</u>	<u>UNIT</u>	<u>EXP CODE</u>
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REPRODUCTION			
Blackline Prints			
Bond, Full Size - 24x36	\$ 1.00	Each	PBOND1
Bond, Half Size Reduction - 11x17	\$ 0.70	Each	PBOND 1/2
Photocopies	\$ 0.15	Each	COPIES
On-line Documents	\$ 2.50	Each	ONLINEDOC
Inkjet Plotters - 24x36			
Bond (Black)	\$ 1.50	Lin. Ft.	PLOT
Bond (Color)	\$ 2.50	Lin. Ft.	PLOTC
FIELD EQUIPMENT & MATERIALS			
Nuclear Density Testing Equipment	\$ 30.00	Hour	NUCLEAR
Survey Equipment			
Survey Equipment - Special	\$ 50.00	Hour	SEQ1
Survey Equipment - GPS/TS	\$ 25.00	Hour	SEQ2
LiDAR Equipment			
LiDAR Equipment Charges (Static)	\$ 1500.00	Day	LIDAR
LiDAR Equipment Charges (Aerial)	\$ 3000.00	Day	LIDAR_DRONE
LiDAR Equipment Charges (Mobile)	\$ 5000.00	Day	LIDAR_MOB_M
Unmanned System-(Aerial/Water)	\$ 500.00	Day	UAS
VEHICLES			
Trucks, Cars, SUV's - all vehicles	IRS rate to \$0.85	Mile	varies
Off-Road Vehicle incl. Trailer	\$ 130.00	Day	ORVT
MISCELLANEOUS			
Per Diem	Federal GSA allowances for lodging, meals & incidentals	Day	
Survey Materials	Actual Cost or Per Contract		
Postage / Shipping	Actual Cost		

November 19, 2025

Boone County Regional Sewer District (BCRSD)
1314 N. 7th St.
Columbia, MO 65201

Re: Proposal for Quantrill's Pass Sewer Model

Daniel/Jesse,

We appreciate the opportunity to assist the Sewer District with the above-mentioned project. Enclosed you will find the following documentation supporting this proposal:

- Scope of Work (See **Attachment A**)
- Basis of Compensation (fee estimate spreadsheet – **Attachment B**)
 - We propose that the contract be structured on an hourly basis with an upper limit of \$7,870.00. The detailed hours estimate can be referenced in **Attachment B**. Note that our fee estimate includes an assumed inflation factor of 4% to account for 2026 charge rate adjustments. We will provide our 2026 charge rate and reimbursement schedules when they become available.
- Proposed Payment Schedule (See **Attachment C**).
 - Please note that this is an estimate and actual invoice amounts per month may vary based on actual charges incurred since billing will be on an hourly basis.
- Updated Certificate of Liability Insurance (See **Attachment D**).
- 2025 Hourly Rate Schedule (See **Attachment E**).
- 2025 Schedule of Reimbursable Expenses (See **Attachment F**).

Should you need any additional information in preparation of the Contract, please do not hesitate to contact us.

Sincerely,



Kyle J. Landwehr, P.E., ENV SP
Kyle.landwehr@bartwest.com
(573) 659-6727

ATTACHMENT A

SCOPE OF WORK

EXHIBIT A

SCOPE OF WORK

BOONE COUNTY REGIONAL SEWER DISTRICT (BCRSD)

SEWER GEMS MODELING – QUANTRILL’S PASS

Bartlett & West Project Number: 18688.P07

Background

Boone County Regional Sewer District (BCRSD) has reached out to Bartlett & West for the development of a Sewer GEMS Bentley Model for specific portions of their wastewater collection system. This Sewer GEMS model will pull information from the BCRSD Online ArcGIS database and additional specific information (such as pump type, demand, possibly spot elevations, etc.) will be provided by BCRSD for implementation into the Sewer GEMS model. The purpose of the model is to evaluate the force main sizing throughout the specific locations selected to determine if the pipe sizing is adequate. Moreover, the model will provide BCRSD with a quick interactive tool to determine if a home or group of homes is able to connect to the system in its current state or if upgrades would be necessary.

Scope of Work

The Consultant will perform the following tasks in relation to the project.

Quantrill’s Pass – Low Pressure Sewer System

1. Project scoping
 - a. Initial coordination with Client to develop the scope, fee, schedule, and task order
2. Project management
 - a. Internal administration of contract, invoices, and project documentation
 - b. Coordination with Client including weekly status updates by email
 - c. Internal team meetings
3. Modeling
 - a. Integration of aerial map in Sewer GEMS model
 - b. Downloading and Processing of LiDAR publicly available topographical data
 - c. Integration of LiDAR topographical data in Sewer GEMS Model
 - d. OPTIONAL TASK: Field Survey verification of pump well rim elevations and dimensions (depth and diameter) for accurate model sizing
 - e. Export of BCRSD online GIS data into Shapefiles to be uploaded to Model
 - f. Integration of Shapefiles into Model and review of proper integration
 - g. Addition of individual service wet wells and pumps for each home in area to be modeled
 - h. Integration of actual water sold data, provided by BCRSD, into each home’s sanitary loading
 - i. Development of alternate pump curves for other pumps present throughout the system
 - j. Development of Various scenarios for alternatives to be evaluated
 - i. Scenarios to be determined by BCRSD and Bartlett & West to see what would provide most value
 - ii. Assuming development of up to 5 scenarios
 - k. Add pump controls for Timed Pump Scenario
 - l. Calibration and review/revisions to model as necessary
4. Meetings



Driving community and industry forward, together.

- a. Initial meeting with BCRSD to determine necessary scenarios desired, assume virtual meeting
- b. Meeting to discuss findings of model, assume virtual meeting

5. Deliverables

- a. Graphs of LPS outlet structure to see pump run times
- b. Tables of Pump run times
- c. Executive summary of findings

EXCLUSIONS and Services Not Included with this Task Order. The following services are specifically excluded from the Scope of Work but may be provided at Engineer's current standard hourly rates as submitted in this Proposal.

- 1. Design of any of the proposed projects recommended/discovered as part of the Executive Summary.
- 2. Modeling of wastewater collection system beyond the defined subdivisions as listed in Scope of Work.
- 3. Modeling of additional demand scenarios beyond the defined number listed in Scope of Work.
- 4. Bidding and construction administration.
- 5. Attending additional meetings beyond those listed in the Scope of Work.
- 6. Conducting additional site visits beyond those listed in the Scope of Work.
- 7. Deed research and legal descriptions for easements.
- 8. Easement acquisition assistance.
- 9. Coordination with property owners.
- 10. Permitting.
- 11. Geotechnical investigations of any kind.
- 12. Hydrogeological evaluations of any kind.
- 13. Environmental, archaeological, and cultural evaluations of any kind.
- 14. Assistance in obtaining project financing and loans.
- 15. Participation in and/or preparation for public meetings and hearings.
- 16. Pre-bid meetings.
- 17. Construction Phase services.
- 18. Services resulting from significant changes in the scope, extent, or character of the portions of the project designed or specified by the Consultant including, but not limited to, changes in size, complexity, Client's schedule, character of construction, and method of financing. These services may also be as a result of changes in laws or regulations or other causes beyond the Consultant's control.
- 19. Serving as a consultant or witness for the Client in any litigation, arbitration, and/or other dispute resolution process related to the project.
- 20. Requirements and/or preparation of applications, documents, and reports for grants.
- 21. Other services performed by the Consultant not otherwise provided for in this Scope of Work.



Client Responsibilities

Client's responsibilities in the completion of this Scope of Work are as follows:

1. General Obligations. All obligations as listed in the Master Service Agreement.
2. Provide specific subdivision boundaries for limits of Sewer GEMS model study.
3. Provide Consultant with requested drinking water demand data to be inputted into the Sewer GEMS model.
4. Provide Consultant with the current sewer pump model information – specifically, the pump curve, duty point, and for which connections this pump is applicable to.
5. Coordination with Consultant on timely response to meeting requests and data requests.
6. Provide Consultant with pump run times for BCRSD large pump stations and provide pump information (specifically, the pump curve, duty point, and any necessary VFD information).
7. Timely review of draft documents.
8. Provide input on design/model information.

Schedule

To be determined after discussions with BCRSD – set for completion in 2026

Fee

Hourly Upper Limit Fee of \$7,870.00.



Driving Community and Industry Forward, Together.

ATTACHMENT B

DETAILED FEE ESTIMATE

BOONE COUNTY REGIONAL SEWER DISTRICT (BCRSD) SEWER GEMS MODELING Project No.: 18688.P07	Engineer VI		Engineer III		GIS Tech IV		Labor Subtotal Costs	Trips		Printing or Misc/Other Costs	Expenses Subtotal Costs	Project Subtotal Costs	Inflation Factor 4.0%	Total Project Costs
	Hrs \$193.00	Subtotal	Hrs \$162.00	Subtotal	Hrs \$119.00	Subtotal		# of Trips \$50.00	Subtotal					
Quantrill's Pass – Low Pressure Sewer System														
1. Project scoping														\$184.60
a. Initial coordination with Client to develop the scope, fee, schedule, and task order	0.5	\$96.50	0.5	\$81.00		\$0.00	\$177.50		\$0.00		\$0.00	\$177.50	\$7.10	\$184.60
2. Project management														\$638.04
a. Internal administration of contract, invoices, and project documentation	0.5	\$96.50		\$0.00		\$0.00	\$96.50		\$0.00		\$0.00	\$96.50	\$3.86	\$100.36
b. Coordination with Client including weekly status updates by email		\$0.00	1.0	\$162.00		\$0.00	\$162.00		\$0.00		\$0.00	\$162.00	\$6.48	\$168.48
c. Internal team meetings	1.0	\$193.00	1.0	\$162.00		\$0.00	\$355.00		\$0.00		\$0.00	\$355.00	\$14.20	\$369.20
3. Modeling														\$5,233.28
a. Integration of aerial map in Sewer GEMS model		\$0.00	1.0	\$162.00		\$0.00	\$162.00		\$0.00		\$0.00	\$162.00	\$6.48	\$168.48
b. Downloading and Processing of LiDAR publicly available topographical data		\$0.00		\$0.00	3.0	\$357.00	\$357.00		\$0.00		\$0.00	\$357.00	\$14.28	\$371.28
c. Integration of LiDAR topographical data in Sewer GEMS Model		\$0.00	1.0	\$162.00	1.0	\$119.00	\$281.00		\$0.00		\$0.00	\$281.00	\$11.24	\$292.24
d. OPTIONAL TASK: Field Survey verification of pump well rim elevations and dimensions (depth and diameter) for accurate model sizing		\$0.00		\$0.00	8.0	\$952.00	\$952.00	1.0	\$50.00		\$50.00	\$1,002.00	\$40.08	\$1,042.08
e. Export of BCRSD online GIS data into Shapefiles to be uploaded to Model		\$0.00	1.0	\$162.00	3.0	\$357.00	\$519.00		\$0.00		\$0.00	\$519.00	\$20.76	\$539.76
f. Integration of Shapefiles into Model and review of proper integration		\$0.00	2.0	\$324.00	1.0	\$119.00	\$443.00		\$0.00		\$0.00	\$443.00	\$17.72	\$460.72
g. Addition of individual service wet wells and pumps for each home in area to be modeled		\$0.00	3.0	\$486.00		\$0.00	\$486.00		\$0.00		\$0.00	\$486.00	\$19.44	\$505.44
h. Integration of actual water sold data, provided by BCRSD, into each home's sanitary loading		\$0.00	2.0	\$324.00		\$0.00	\$324.00		\$0.00		\$0.00	\$324.00	\$12.96	\$336.96
i. Development of alternate pump curves for other pumps present throughout the system		\$0.00	2.0	\$324.00		\$0.00	\$324.00		\$0.00		\$0.00	\$324.00	\$12.96	\$336.96
j. Development of Various scenarios for alternatives to be evaluated		\$0.00	3.0	\$486.00		\$0.00	\$486.00		\$0.00		\$0.00	\$486.00	\$19.44	\$505.44
i. Scenarios to be determined by BCRSD and Bartlett & West to see what would provide most value														
ii. Assuming development of up to 5 scenarios														
k. Add pump controls for Timed Pump Scenario		\$0.00	2.0	\$324.00		\$0.00	\$324.00		\$0.00		\$0.00	\$324.00	\$12.96	\$336.96
l. Calibration and review/revisions to model as necessary		\$0.00	2.0	\$324.00		\$0.00	\$324.00		\$0.00		\$0.00	\$324.00	\$12.96	\$336.96
4. Meetings														\$1,107.60
a. Initial meeting with BCRSD to determine necessary scenarios desired, assume virtual meeting	1.0	\$193.00	1.0	\$162.00		\$0.00	\$355.00		\$0.00		\$0.00	\$355.00	\$14.20	\$369.20
b. Meeting to discuss findings of model, assume virtual meeting	2.0	\$386.00	2.0	\$324.00		\$0.00	\$710.00		\$0.00		\$0.00	\$710.00	\$28.40	\$738.40
5. Deliverables														\$706.16
a. Graphs of LPS outlet structure to see pump run times		\$0.00	1.0	\$162.00		\$0.00	\$162.00		\$0.00		\$0.00	\$162.00	\$6.48	\$168.48
b. Tables of Pump run times		\$0.00	1.0	\$162.00		\$0.00	\$162.00		\$0.00		\$0.00	\$162.00	\$6.48	\$168.48
c. Executive summary of findings	1.0	\$193.00	1.0	\$162.00		\$0.00	\$355.00		\$0.00		\$0.00	\$355.00	\$14.20	\$369.20
TOTALS	6.0	\$1,158.00	27.5	\$4,455.00	16.0	\$1,904.00	\$7,517.00	1.0	\$50.00	\$-	\$50.00	\$7,567.00	\$302.68	\$7,869.68

*Note: 62 miles per round trip * \$0.80/mile = \$49.60 per trip - round to \$50.00 per trip

ATTACHMENT C

PROPOSED PAYMENT SCHEDULE

BCRSD QUANTRILL'S PASS SEWER MODEL INVOICING SCHEDULE

Month/Year	Tasks	Anticipated Invoice Amount
Jan-26	PM tasks	\$2,000.00
	Initial kickoff meeting	
	Data request and evaluation	
	Initial model setup	
	Incorporation of shape files	
	Download LiDAR Topo	
Feb-26	PM tasks	\$3,000.00
	Field rim elevation pickups	
	Model scenario development	
	Model pump condition inputs	
	Integrate actual flow data	
	Calibration/review	
Mar-26	Review meeting with staff	\$2,870.00
	Print graphs & tables	
	Write executive summary	
	Final Deliverable to BCRSD	
Total:		\$7,870.00

ATTACHMENT D

CERTIFICATE OF LIABILITY INSURANCE



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
6/27/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERs NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER IMA, Inc. - Kansas City 11350 Switzer Rd Suite 200 Overland Park KS 66210	CONTACT NAME: IMA Certificate Team	
	PHONE (A/C, No, Ext):	FAX (A/C, No):
	E-MAIL ADDRESS: certificates@imacorp.com	
	INSURER(S) AFFORDING COVERAGE	NAIC #
INSURED Bartlett & West, Inc. 1200 SW Executive Drive Topeka KS 66615-3850	INSURER A: The Continental Insurance Company	35289
	INSURER B: Valley Forge Insurance Company	20508
	INSURER C: American Casualty Company of Reading,	20427
	INSURER D: Continental Casualty Company	20443
	INSURER E:	
	INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 356989354

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS		
B	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR X Contractual GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PRO- JECT <input checked="" type="checkbox"/> LOC OTHER:			6042700793	7/1/2025	7/1/2026	EACH OCCURRENCE	\$ 1,000,000	
	DAMAGE TO RENTED PREMISES (Ea occurrence)						\$ 1,000,000		
	MED EXP (Any one person)						\$ 15,000		
	PERSONAL & ADV INJURY						\$ 1,000,000		
	GENERAL AGGREGATE						\$ 2,000,000		
	PRODUCTS - COMP/OP AGG						\$ 2,000,000		
C	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> SCHEDULED AUTOS HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			6042700731	7/1/2025	7/1/2026	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000	
A	X UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input checked="" type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			6043288583	7/1/2025	7/1/2026	EACH OCCURRENCE	\$ 9,000,000	
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N <input checked="" type="checkbox"/>	N / A	6042700745	7/1/2025	7/1/2026	X PER STATUTE	OTHER	
D	Pollution Liability Professional Liability			AEH591970792 AEH591970792	7/1/2025 7/1/2025	7/1/2026 7/1/2026	Prof/Pol Each Claim Prof/Pol Aggregate	\$ 10,000,000 \$ 10,000,000	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

States of North Dakota, Ohio, Washington & Wyoming are not included in the Workers Compensation Coverage.

General Liability Policy includes Stop Gap Liability for North Dakota, Ohio, Washington & Wyoming, subject to the policy terms and conditions.

General Liability Policy includes Contractual Liability for Railroads, subject to the terms, conditions, limitations and exclusions.

CERTIFICATE HOLDER

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ATTACHMENT E

HOURLY RATE SCHEDULE

BARTLETT & WEST, INC.
2025 SCHEDULE OF HOURLY CHARGES
Effective January 1, 2025

Engineer	XII	\$288.00	GIS Coordinator IX	\$267.00
Landscape Architect	XI	267.00	GIS Coordinator VIII	250.00
Architect	X	248.00	GIS Coordinator VII	238.00
Operations Consultant	IX	233.00	GIS Coordinator VI	221.00
Environmental Planner	VIII	217.00	GIS Coordinator V	209.00
Transportation Planner	VII	206.00	GIS Coordinator IV	193.00
	VI	193.00	GIS Coordinator III	181.00
	V	182.00	GIS Coordinator II	164.00
	IV	172.00	GIS Coordinator I	152.00
	III	162.00		
	II	145.00	GIS Developer/DBA VI	\$231.00
Engineering Technician XI	I	132.00	GIS Developer/DBA V	213.00
Engineering Technician X			GIS Developer/DBA IV	197.00
Engineering Technician IX			GIS Developer/DBA III	181.00
Engineering Technician VIII			GIS Developer/DBA II	167.00
Engineering Technician VII			GIS Developer/DBA I	157.00
Engineering Technician VI				
Engineering Technician V			GIS Analyst VII	\$184.00
Engineering Technician IV			GIS Analyst VI	171.00
Engineering Technician III			GIS Analyst V	158.00
Engineering Technician II			GIS Analyst IV	145.00
Engineering Technician I			GIS Analyst III	138.00
			GIS Analyst II	128.00
			GIS Analyst I	121.00
Surveyor X				
Surveyor IX		\$235.00	GIS Technician V	\$131.00
Surveyor VIII		211.00	GIS Technician IV	119.00
Surveyor VII		191.00	GIS Technician III	106.00
		169.00	GIS Technician II	94.00
			GIS Technician I	83.00
Survey Technician VIII		\$160.00		
Survey Technician VII		139.00	Project Coordinator V	\$188.00
Survey Technician VI		124.00	Project Coordinator IV	171.00
Survey Technician V		114.00	Project Coordinator III	155.00
Survey Technician IV		105.00	Project Coordinator II	141.00
Survey Technician III		98.00	Project Coordinator I	125.00
Survey Technician II		93.00		
Survey Technician I		88.00		
Construction Eng. Tech IX			Systems Analyst	\$207.00
Construction Eng. Tech VIII		\$202.00	Systems Administrator	157.00
Construction Eng. Tech VII		179.00	Systems Technician	104.00
Construction Eng. Tech VI		165.00		
Construction Eng. Tech V		154.00		
Construction Eng. Tech IV		140.00	Administrator VII	\$165.00
Construction Eng. Tech III		124.00	Administrator VI	151.00
Construction Eng. Tech II		110.00	Administrator V	134.00
Construction Eng. Tech I		99.00	Administrator IV	119.00
		89.00	Administrator III	107.00
			Administrator II	96.00
			Administrator I	87.00
Right-of-Way Technician VI		\$149.00		
Right-of-Way Technician V		133.00	Administrative Technician V	\$98.00
Right-of-Way Technician IV		120.00	Administrative Technician IV	85.00
Right-of-Way Technician III		107.00	Administrative Technician III	76.00
Right-of-Way Technician II		95.00	Administrative Technician II	70.00
Right-of-Way Technician I		87.00	Administrative Technician I	61.00

ATTACHMENT F

SCHEDULE OF REIMBURSABLE EXPENSES

BARTLETT & WEST, INC.

SCHEDULE OF REIMBURSABLE COSTS/CHARGES

EFFECTIVE JANUARY 1, 2025

<u>DESCRIPTION</u>	<u>CHARGE AMOUNT</u>	<u>UNIT</u>	<u>EXP CODE</u>
--------------------	----------------------	-------------	-----------------

REPRODUCTION			
Blackline Prints			
Bond, Full Size - 24x36	\$ 1.00	Each	PBOND1
Bond, Half Size Reduction - 11x17	\$ 0.70	Each	PBOND 1/2
Photocopies	\$ 0.15	Each	COPIES
On-line Documents	\$ 2.50	Each	ONLINEDOC
Inkjet Plotters - 24x36			
Bond (Black)	\$ 1.50	Lin. Ft.	PLOT
Bond (Color)	\$ 2.50	Lin. Ft.	PLOTC
FIELD EQUIPMENT & MATERIALS			
Nuclear Density Testing Equipment	\$ 30.00	Hour	NUCLEAR
Survey Equipment			
Survey Equipment - Special	\$ 50.00	Hour	SEQ1
Survey Equipment - GPS/TS	\$ 25.00	Hour	SEQ2
LiDAR Equipment			
LiDAR Equipment Charges (Static)	\$ 1500.00	Day	LIDAR
LiDAR Equipment Charges (Aerial)	\$ 3000.00	Day	LIDAR_DRONE
LiDAR Equipment Charges (Mobile)	\$ 5000.00	Day	LIDAR_MOB_M
Unmanned System-(Aerial/Water)	\$ 500.00	Day	UAS
VEHICLES			
Trucks, Cars, SUV's - all vehicles	IRS rate to \$0.85	Mile	varies
Off-Road Vehicle incl. Trailer	\$ 130.00	Day	ORVT
MISCELLANEOUS			
Per Diem	Federal GSA allowances for lodging, meals & incidentals	Day	
Survey Materials	Actual Cost or Per Contract		
Postage / Shipping	Actual Cost		