COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

CANNONSBURG WATER)	
DISTRICT'S UNACCOUNTED)	CASE NO.
FOR WATER LOSS REDUCTION)	2014-00267
PLAN SURCHARGE AND)	2014-00207
MONITORING)	

MOTION FOR AUTHORITY TO USE SURCHARGE FUNDS

By and through the undersigned counsel Cannonsburg Water District ("Cannonsburg District") moves the Commission for authority to utilize all its remaining Unaccounted for Water Loss Reduction Surcharge Finds ("Surcharge Funds") to the cost of constructing its proposed Shopes Creek Road Area Water System Improvement Project ("The Shopes Creek Road Project" or the "Project"). Cannonsburg District respectfully requests a decision on its motion by **June 20**, **2025**. In support of its Motion Cannonsburg District states the following:

Background

1. In its Response to Commission Staff's Third Request for Information in this proceeding, the management of Cannonsburg District identified pump station rehabilitation and water main replacement as two of the top five priorities to be addressed in capital spending projects designed to address water loss.¹ The Shopes Creek Road Project addresses both of these priorities and was first introduced to Commission Staff by Cannonsburg District at an informal conference held on March 16, 2021.²

2. Cannonsburg District has regularly updated Commission Staff concerning the progress of the design, planning, and funding for the Project by including it in its regular monthly filings in the record of this proceeding.³ On February 10, 2025, Commission Staff held an informal conference with Cannonsburg District at which Cannonsburg District provided an update on the Project and confirmed the District would file an application for a certificate of public convenience and necessity ("CPCN") and financing approval and would seek to use all remaining Surcharge Funds to partially fund the Project.⁴

3. The Project involves replacing several infrastructure components such as AC pipe, Blue Max and polyethylene service lines, and non-rust-resistant service tap saddles, which are known to be the source of frequent leaks in the Project area.

¹ Cannonsburg Water District's Unaccounted-for Water Loss Reduction Plan, Surcharge and Monitoring, Case No. 2014-00267, Response to Staff's Third Request, Item 29 (Ky. PSC filed Apr. 18, 2019).

² Case No. 2014-00267, Informal Conference Memo (Ky. PSC Mar 24, 2021, and Apr. 12, 2021).

³ *See*, Case No. 2014-00267, Activity Reports (Ky. PSC filed June 29, 2021; July 30, 2021; August 31, 2021; Sep. 30, 2021; Oct. 29, 2021; Nov. 30, 2021; Jan. 4, 2022; Jan 31, 2022; Feb. 28, 2022; Mar. 31, 2022; Apr. 28, 2022; June 27, 2022; July 29, 2022; Sep. 1, 2022; Oct. 31, 2022; Nov. 30, 2022; Jan. 6, 2023; Jan. 31, 2023; Feb. 28, 2023; Mar. 30, 2023; May 1,2023; May 31, 2023; July 31, 2023; Aug. 31, 2023; Oct. 31, 2023; Feb. 29, 2024; Mar. 28, 2024; June 3, 2024; June 28, 2024; July 30, 2024; Aug. 30, 2024; Sep. 30, 2024; Oct. 31, 2024; Dec. 2, 2024; Jan. 30, 2025).

⁴ Case No. 2014-00267, Informal Conference Memo (Ky. PSC February 18, 2025)

For this reason, Cannonsburg District considers the Project to be the next logical step in its continuing efforts to reduce its water loss. Filed separately as **Exhibit 1** is an Excel spreadsheet that documents all leaks and breaks in Cannonsburg District's system since January 2022. The leaks and breaks occurring in the Project area are highlighted.

4. On May 6, 2025, Cannonsburg District tendered its Application for a CPCN and financing approval for the Project to the Commission. In its Application Cannonsburg District indicated it would file this motion seeking to use its remaining Surcharge Funds to partially fund the cost of constructing the Project.⁵

5. As detailed in its Application in Case No. 2025-00020, Cannonsburg District will **not** need to obtain additional easements or other interests in real property to construct the Project. Cannonsburg District has also obtained approval from the Kentucky Division of Water for the sanitary features of design of the Project; and has obtained an encroachment Permit from the Kentucky Department of Highways. Additionally, Cannonsburg District advertised the Project for bids in accordance with KRS 424.260.

⁵ See, Electronic Application of Cannonsburg Water District for A Certificate of Public Convenience and Necessity and Financing of The Shopes Creek Road Area Water System Improvements Project, Case No: 2025-00020, Application, (Ky. PSC filed May 6, 2025).

6. As of March 31, 2025, Cannonsburg District had approximately\$484,196 in remaining Surcharge Funds. As ordered by the Commission the Surcharge Funds are held in a separate interest-bearing account.

The Project

7. Cannonsburg District proposes to replace approximately 17,000 linear feet of waterline, which due to age and other factors have become problematic and prone to leaks. The total is comprised of 12,600 linear feet of 8-inch AC water line, approximately 2,800 linear feet of 3-inch PVC water line, and approximately 2,000 linear feet of 12-inch water line composed of a combination of AC pipe and castiron pipe. In addition, the Project includes constructing a new pump station, adjacent to the existing Midland Trail Pump Station, to house an above-ground 1,000 gallon per minute 300 Total Dynamic Head ("1,000 gmp/300 TDH") pump system; demolishing the existing pump station; installing two new flow monitor meters to replace the existing flow monitor meters located at the existing Midland Trail Pump Station and on Shopes Creek Road; and replacing approximately 180 service connections. The existing Midland Trail Pump Station and all of the water mains and service lines which are to be replaced are original to Cannonsburg District's system and were installed in the early 1970's.

8. The water mains and service connections along Midland Trail Road, Shopes Creek Road, Edgewood Drive, Whispering Oaks Drive, and Bayless Hill

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Road will be replaced, as will the Midland Trail Road Pump Station. Two new flow monitor meters will be installed, one at Shopes Creek Road and one at the new Midland Trail Road Pump Station. The new pump station will be located on the same parcel of land as the current pump station. The current pump station will be demolished.

9. The pump station on Midland Trail Road is a vital component of Cannonsburg District's distribution system. This pump station supplies approximately 90 percent of all water delivered to Cannonsburg District.

10. The alternating pump system currently installed at the Midland Trail Road Pump Station is at the end of its useful life. It is original to Cannonsburg District's system and has been in service since approximately 1973. The variable frequency drive of the pump system is in almost constant need of repair.

11. The service lines that Cannonsburg District proposes to replace in this Project are water lines that connect Cannonsburg District's main line to the customer meter. In the Project area these were constructed of polyethylene pipe and Blue Max polybutene pipe. They are contributing to water loss.

12. The typical service life of polyethylene pipe is 50 years. Blue Max pipe has a much shorter expected service life of 30 years, and it degrades quickly. The

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pipe in the Project area was installed in the very early 1970's, meaning the pipe has reached the end of its useful life.⁶

13. The service tap saddles used at the time the current service lines were installed are not made of rust resistant material and they are quite susceptible to corrosion.⁷ They are also contributing to water loss in the Project area.

14. Cannonsburg District estimates that the Project area accounts for four large main line breaks and 10 service line breaks per year.

15. The total estimated cost to construct the Project is **\$3,981,000**. Attached to this Motion as **Attachment 1** is the engineer's as-bid project budget.

16. Attached to this Motion as **Attachment 2** is the Final Engineering Report for the Project, which includes the certified bid tabulation.

17. The Engineer's plans, drawings and specifications for the Project are filed separately as **Exhibit 2**.

Additional details concerning the Project can be found in Cannonsburg
 District's Application filed on May 6, 2025, in Case No. 2025-00020. Cannonsburg

⁶ See, Application of Cannonsburg Water District for Rate Adjustment for Small Utilities Pursuant to 807 KAR 5:076, Case No. 2018-00376, April 25, 2019 Hearing, HVT at 9:18:20 – 9:22:23. Cannonsburg District Manager, Tim Webb, testified to the short useful life of Blue Max pipe in Cannonsburg District's system and how the pipe degrades over time. An example of this pipe was produced for the Commission to examine.

⁷ See, Id at 9:29:00 - 9:30:54, Cannonsburg District Manager, Tim Webb, testified to the degraded condition of many of the service tap saddles in Cannonsburg District's system because the material used to construct the bolts and other components was not rust resistant. Mr. Webb presented photographs as Cannonsburg District Hearing Exhibit 4 and explained that stainless steel and brass are the preferred materials today for service tap saddles and connection bolts.

District respectfully requests that the record of Case No. 2025-00020 be incorporated by reference into the record of this proceeding.

Financing the Project

19. Cannonsburg District proposes to finance the Shopes Creek Road Project with Cleaner Water Program ("CWP") grant funds from two grants, a Kentucky Infrastructure Authority ("KIA") loan, and the remaining funds from Cannonsburg District's Water-loss Reduction Surcharge. As stated above, Cannonsburg District proposes to use all of its remaining Surcharge Funds, approximately **\$484,196**, to partially fund the Project. Cannonsburg District has secured **\$540,517** from CWP Grant 21CWW014, and **\$656,599** from CWP Grant 22CWW103. In its application filed in Case No. 2025-00020, Cannonsburg District is seeking Commission approval to execute an Assistance Agreement with KIA for a **\$2,304,263** loan ("KIA Loan F22-030").

20. The Assistance Agreements for grants 21CWW014 and 22CWW103 and the Conditional Commitment Letter for KIA Loan F22-030 are filed as exhibits in Case No. 2025-00020.

21. The bids to construct the Project expire on June 25, 2025. Therefore,Cannonsburg District requests a decision on this Motion by June 20, 2025.

WHEREFORE, On the basis of the foregoing, Cannonsburg District respectfully moves for authority to use all remaining Surcharge Funds to partially

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fund the Shopes Creek Road Project, and respectfully requests a Decision on this

Motion by June 20, 2025

Dated: May 6, 2025

Respectfully submitted,

<u>/s/ Tina C. Frederick</u> Tina C. Frederick Stoll Keenon Ogden PLLC 300 West Vine Street, Suite 2100 Lexington, Kentucky 40507 Telephone: (859) 231-3951 Fax: (859) 253-1093 <u>tina.frederick@skofirm.com</u>

Counsel for Cannonsburg Water District

CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, and the Commission's Order of July 22, 2021 in Case No. 2020-00085, I certify that this document was submitted electronically to the Public Service Commission on May 6, 2025, and that there are currently no parties that the Public Service Commission has excused from participation by electronic means in this proceeding.

<u>/s/ Tina C. Frederick</u> Tina C. Frederick Attachment 1 Estimated Cost to Construct

				AS-BID PRO	JECT BUDGET	5	
Lexi	ngton, KY Hopkinsville, KY Somerset, KY	Contraction of Arrists	nuary 22, 2025	ovements: Shopes	Client: C W Contract No.: 69 Budget By: Lf		 No Design Completed Preliminary ✓ Final Design
		SHEET:		OF:			Drawing No.:
ITEM	ITEM DESCRIPTION		QUAN	TTTY	PRIC	Е	TOTAL COST
NO.		A STATE OF THE STATE OF	NO.	UNIT	PER UNIT	TOTAL	TOTALCOUT
CONSTR	UCTION						
	<u>WATER</u>						
1	DIVISION A - BASE BID		1	LS	\$1	\$457,496	\$457,496
2	DIVISION B - BASE BID		1	LS	\$1	\$1,814,770	\$1,814,770
3	DIVISION C - PUMP STATION & MASTER METER	REPLACEMENT	1	LS	\$3,500	\$909,426	\$909,426
					SUE	STOTAL WATER	\$3,181,692
10.00				TOT	AL AS-BID CONST	RUCTION COST	\$3,181,692
				тот/	AL AS-BID CONSTI	RUCTION COST	\$3,181,692
PROJEC	T COST			тот/	AL AS-BID CONSTI	RUCTION COST	\$3,181,692
PROJEC	T COST ADMINISTRATIVE EXPENSES			τοτ/	AL AS-BID CONSTI	RUCTION COST	
PROJEC				τοτ/	AL AS-BID CONSTI	RUCTION COST	\$40,000
PROJEC	ADMINISTRATIVE EXPENSES			ΤΟΤ/	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES			ΤΟΤΛ	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000 \$20,000
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES LAND, APPRAISALS, EASEMENTS			ΤΟΤ/	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000 \$20,000 \$0 \$0
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES LAND, APPRAISALS, EASEMENTS RELOCATION EXPENSE & PAYMENTS			ΤΟΤ/	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000 \$20,000 \$0 \$0 \$0
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES LAND, APPRAISALS, EASEMENTS RELOCATION EXPENSE & PAYMENTS PLANNING			TOT	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000 \$20,000 \$0 \$0 \$160,000
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES LAND, APPRAISALS, EASEMENTS RELOCATION EXPENSE & PAYMENTS PLANNING ENGINEERING FEES - DESIGN	TRATION		TOT	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000 \$20,000 \$0 \$0 \$160,000 \$23,000
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES LAND, APPRAISALS, EASEMENTS RELOCATION EXPENSE & PAYMENTS PLANNING ENGINEERING FEES - DESIGN ENGINEERING FEES - BIDDING	TRATION		TOT	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000 \$20,000 \$00 \$160,000 \$23,000 \$46,000
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES LAND, APPRAISALS, EASEMENTS RELOCATION EXPENSE & PAYMENTS PLANNING ENGINEERING FEES - DESIGN ENGINEERING FEES - BIDDING ENGINEERING FEES - CONSTRUCTION ADMINIS	TRATION		TOT	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000 \$20,000 \$00 \$160,000 \$23,000 \$46,000 \$126,000
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES LAND, APPRAISALS, EASEMENTS RELOCATION EXPENSE & PAYMENTS PLANNING ENGINEERING FEES - DESIGN ENGINEERING FEES - BIDDING ENGINEERING FEES - CONSTRUCTION ADMINIS ENGINEERING FEES - INSPECTION CONSTRUCTION	TRATION		TOT	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000 \$20,000 \$0 \$160,000 \$126,000 \$146,000 \$126,000 \$128,000 \$3,182,000
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES LAND, APPRAISALS, EASEMENTS RELOCATION EXPENSE & PAYMENTS PLANNING ENGINEERING FEES - DESIGN ENGINEERING FEES - BIDDING ENGINEERING FEES - CONSTRUCTION ADMINIS ENGINEERING FEES - INSPECTION CONSTRUCTION EQUIPMENT	TRATION		TOT	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000 \$20,000 \$0 \$160,000 \$23,000 \$46,000 \$126,000 \$3,182,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES LAND, APPRAISALS, EASEMENTS RELOCATION EXPENSE & PAYMENTS PLANNING ENGINEERING FEES - DESIGN ENGINEERING FEES - BIDDING ENGINEERING FEES - CONSTRUCTION ADMINIS ENGINEERING FEES - INSPECTION CONSTRUCTION EQUIPMENT CONTINGENCIES	TRATION		T0T/	AL AS-BID CONSTI	RUCTION COST	\$40,000 \$50,000 \$20,000 \$0 \$160,000 \$23,000 \$46,000 \$126,000 \$3,182,000 \$3,182,000 \$319,000
PROJEC	ADMINISTRATIVE EXPENSES LEGAL EXPENSES LAND, APPRAISALS, EASEMENTS RELOCATION EXPENSE & PAYMENTS PLANNING ENGINEERING FEES - DESIGN ENGINEERING FEES - BIDDING ENGINEERING FEES - CONSTRUCTION ADMINIS ENGINEERING FEES - INSPECTION CONSTRUCTION EQUIPMENT	TRATION		T0T/	AL AS-BID CONSTI	RUCTION COST	\$3,181,692 \$40,000 \$50,000 \$20,000 \$0 \$0 \$160,000 \$23,000 \$46,000 \$126,000 \$3,182,000 \$319,000 \$319,000 \$315,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0

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Attachment 2 Final Engineering Report

WATER SYSTEM IMPROVEMENTS SHOPES CREEK RD. AREA

Final Engineering Report



02/12/2025

Larry "Ben" Allen



February 4, 2025

Mr. Tim Webb, District Manager 1606 Cannonsburg Road Ashland, KY 41102

Subject: Final Engineering Report Contract 691-21-01 Water System Improvements Shopes Creek Rd. Area Cannonsburg Water District Cannonsburg, Kentucky

Dear Mr. Webb:

We are pleased to submit our Final Engineering Report. Following the January 22, 2025 bid opening, we reviewed, mathematically checked, tabulated all bids received and contacted references.

Project Background

During the Cannonsburg Water District Phase -1 Zone Metering Project, a project to install zone metering, it was determined the Shopes Creek area as problematic and a significant contributor to unaccounted water in the system. The purpose of the project is to reduce unaccounted for water in the system through improved operating efficiency and capital planning. The project is consistent with the efforts of the District to reduce unaccounted for water and has been presented to, and has the support of, the Public Service Commission. The project includes replacement of existing AC water line in the Shopes Creek area along with upgrades to an existing pump station.

Project Bids

The project received 3 bids, the low bid totaled \$3,181,691.65 compared to Bell Engineering's Opinion of Probable Construction Cost of \$2,648,478.00 A summary table of bids is provided:



			Difference
Bidder Rank	Bidder Name	Bid Amount	Above Low
1	Conhurst LLC	*\$3,181,691.65	NA
2	B.P. Pipeline LLC	\$3,262,112.00	\$80,420.35
3	Southern Ohio Trenching and Excavating	\$6,043,387.00	\$2,861,695.35
Engineer's Op	vinion of Probable Construction Cost	\$2,648,478	(\$533,213.35)

*Corrected Math Error

The low bidder, Conhurst LLC of Wellingford KY, has been contacted and have informed us that they are satisfied with their bid and are capable of performing the work to a satisfactory level. References for the company indicates that they are capable of conducting the work. We believe them to be capable of completing Contract 691-21-01 and recommend Cannonsburg Water District board and council review this evaluation in their determination to award the bid.

Project Funding

Project is funding through the following:

- A. KIA SRF Fund F Loan, \$1,685,083
- B. Cleaner Water Program Grant FY 2022 \$540,517
- C. Cleaner Water Program Grant FY 2023 \$656,599

Additional Funding is being applied for through KIA to fund overage.

Sincerely, Bell Engineering

Bu alle

Ben Allen, P.E. Project Manager

Attachments

- 1. Certified Bid Tabulation
- 2. Bid Evaluation Letter

2480 Fortune Dr. Suite 350, Lexington, KY 40509 (859) 278-5412 • hkbell.com

CONTRACT 691-21-01

WATER SYSTEM IMPROVEMENTS: SHOPES CREEK ROAD AREA CANNONSBURG WATER DISTRICT CANNONSBURG, KENTUCKY

We certify that the following is a true and complete tabulation of all bids received by the Cannonsburg Water District, Ashland, Kentucky, on January 22, 2025, for the NERCE DISCREERING

	8566 B 26 P 20 P	DAVID E. 05759273 20706	<u>II</u> F	Serhart A					-
	1-23-23	VCENS?		ConnHurst LLC 879 Wilson Run F Wellingford, Kent		B.P. Pipeline LLC 269 Pebbles Land Quincy, Kentucky	2	Southern Ohio Tren and Excavating Inc. 3228 County Road 1 Ironton, Ohio 45638	03
Item No.	Description	Ouantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
for the	rs must bid all Divisions and Alternates as set forth in this proposal e bid to be responsive. The low bidder will be determined based on stal Base Bid not including the Alternates.	~							
DIVISI	ION A BASE BID								
1.	12-Inch Class 250 (SDR 17) PVC Pipe, Furnishing, Trenching, Bedding, Laying, Backfilling, Fittings and Copper Tracer Wire, Unclassified Excavation, Complete	1,200	L.F.	\$107.00	\$128,400.00	\$136.00	\$163,200.00	\$168.00	\$201,600.00
2.	12-Inch Class 350 Ductile Iron Pipe, Furnishing, Trenching, Bedding, Laying and Backfilling Copper Tracer Wire, Unclassified Excavation, Complete	77	L.F.	\$116.00	\$8,932.00	\$270.00	\$20,790.00	\$187.00	\$14,399.00
3.	24-Inch x 0.375-Inch Steel Cover Pipe, Including Spacers and End Seals, Furnish and Install, Open Cut or Bore, Including Loading Carrier Pipe, Complete	40	L.F.	\$232.00	\$9,280.00	\$220.00	\$8,800.00	\$1,308.00	\$52,320.00
4.	Bore and Jack for 24-Inch Steel Cover Pipe, Complete	40	L.F.	\$223.00	\$8,920.00	\$400.00	\$16,000.00	\$1,308.00	\$52,320.00
5.	14-Inch Polyethylene DR9 Pipe (Sta. 9+42 ~ Sta. 12+25) Installed by Directional Drill, Including Transition Fittings, Complete	283	L.F.	\$245.00	\$69,335.00	\$350.00	\$99,050.00	\$471.00	\$133,293.00
6.	14-Inch Polyethylene DR9 Pipe (Sta. 7+66 ~ Sta. 9+42) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$42,369.00	\$42,369.00	\$61,000.00	\$61,000.00	\$81,000.00	\$81,000.00
7.	14-Inch Polyethylene DR9 Pipe (Sta. 12+25 ~ Sta. 15+44) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$66,810.00	\$66,810.00	\$112,000.00	\$112,000.00	\$153,900.00	\$153,900.00
8.	3/4-Inch Municepex Service Line Furnishing, Trenching, Laying, Bedding and Backfilling, Copper Trace Wire, Unclassified Excavation, Complete	1,030	L.F.	\$35.80	\$36,874.00	\$18.00	\$18,540.00	\$125.00	\$128,750.00
9.	12-Inch Mechanical Joint Resilient Seated Gate Valve and Box Including Concrete Collar, Furnish and Install, Unclassified Excavation, Complete	5	Each	\$5,177.00	\$25,885.00	\$5,500.00	\$27,500.00	\$7,272.00	\$36,360.00
10.	Flushing Hydrant Assembly, Furnish and Install, Unclassified Excavation, Complete per Detail	2	Each	\$13,134.00	\$26,268.00	\$8,000.00	\$16,000.00	\$10,058.00	\$20,116.00
11.	Meter Reconnect, Including Tap, Service Saddle, and Corporation Stop, Complete	16	Each	\$1,233.00	\$19,728.00	\$1,900.00	\$30,400.00	\$2,133.00	\$34,128.00

				ConnHurst LLC 879 Wilson Run R Wellingford, Kent		B.P. Pipeline LLC 269 Pebbles Land Quincy, Kentucky	2	Southern Ohio Trer and Excavating Inc. 3228 County Road Ironton, Ohio 4563	103
ltem No.	Description	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
12.	Fiberglass Line Marker, Furnish and Install, Complete	3	Each	\$76.00	\$228.00	\$50.00	\$150.00	\$35.00	\$105.00
13.	Crushed Rock on Trench Surface, in Place (L.F. x 225 lbs./2,000 lbs. = Tons)	15	Ton	\$94.00	\$1,410.00	\$45.00	\$675.00	\$24.00	\$360.00
14.	Bituminous Surface Replacement, Trench Width as per Trench Detail, Typical Open Cut Crossing of County Roads and Driveways, Complete	50	L.F.	\$113.00	\$5,650.00	\$60.00	\$3,000.00	\$85.00	\$4,250.00
15.	Cut and Tie Into Existing 12-Inch PVC, Complete	1	Each	\$5,932.00	\$5,932.00	\$4,000.00	\$4,000.00	\$9,600.00	\$9,600.00
16.	No. 57 Crushed Stone for Trench Stabilization, Only on the Order of the Engineer	25	Ton	\$59.00	\$1,475.00	\$45.00	\$1,125.00	\$24.00	\$600.00
	SUBTOTAL DIVISION A BASE BID				\$457,496.00		\$582,230.00		\$923,101.00
DIVISI	ON B BASE BID								
1.	6-Inch Class 250 (SDR 17) PVC Pipe, Furnishing, Trenching, Bedding, Laying, Copper Trace Wire, Unclassified Excavation, Complete	13,352	L.F.	\$59.70	\$797,114.40	\$65.00	\$867,880.00	\$136.00	\$1,815,872.00
2.	3-Inch Class 250 (SDR 17) PVC Pipe, Furnishing, Trenching, Bedding, Laying, Backfilling, Fittings and Copper Tracer Wire, Unclassified Excavation, Complete	335	L.F.	\$49.45	\$16,565.75	\$55.00	\$18,425.00	\$128.00	\$42,880.00
3.	12-Inch Class 250 (SDR17) PVC Pipe, Furnishing, Trenching, Bedding, Laying, Backfilling, Copper Tracer Wire, Unclassified Excavation, Complete	55	L.F.	\$97.00	\$5,335.00	\$136.00	\$7,480.00	\$172.00	\$9,460.00
4.	20-Inch x 0.375-Inch Steel Cover Pipe, Including Spacers and End Seals, Furnish and Install, Open Cut or Bore, Including Loading Carrier Pipe, Complete	40	L.F.	\$233.00	\$9,320.00	\$220.00	\$8,800.00	\$1,308.00	\$52,320.00
5.	Bore and Jack for 20-Inch Steel Cover Pipe, Complete	40	L.F.	\$223.00	\$8,920.00	\$380.00	\$15,200.00	\$1,308.00	\$52,320.00
6.	12-Inch x 0.375-Inch Steel Cover Pipe, Including Spacers and End Seals, Furnish and Install, Open Cut or Bore, Including Loading Carrier Pipe, Complete	180	L.F.	\$119.00	\$21,420.00	\$200.00	\$36,000.00	\$1,308.00	\$235,440.00
7.	Bore and Jack for 12-Inch Steel Cover Pipe, Complete	180	L.F.	\$146.00	\$26,280.00	\$250.00	\$45,000.00	\$1,308.00	\$235,440.00
8.	8-Inch Polyethylene DR9 Pipe (Sta. 27+64 ~ Sta. 28+91) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$18,315.00	\$18,315.00	\$31,000.00	\$31,000.00	\$30,000.00	\$30,000.00
9.	8-Inch Polyethylene DR9 Pipe (Sta. 41+69 ~ Sta. 43+04) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$7,579.00	\$7,579.00	\$35,000.00	\$35,000.00	\$40,460.00	\$40,460.00
10.	8-Inch Polyethylene DR9 Pipe (Sta. 66+30 ~ Sta. 66+64) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$6,995.00	\$6,995.00	\$13,000.00	\$13,000.00	\$14,880.00	\$14,880.00
11.	8-Inch Polyethylene DR9 Pipe (Sta. 90+90 ~ Sta. 91+45) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$9,913.00	\$9,913.00	\$18,000.00	\$18,000.00	\$19,840.00	\$19,840.00

				ConnHurst LLC 879 Wilson Run Ro Wellingford, Kenti		B.P. Pipeline LLC 269 Pebbles Lane Quincy, Kentucky		Southern Ohio Trencl and Excavating Inc. 3228 County Road 10 Ironton, Ohio 45638	•
ltem No.	Description	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
12.	8-Inch Polyethylene DR9 Pipe (Sta. 110+53 ~ Sta. 111+44) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$13,997.00	\$13,997.00	\$30,000.00	\$30,000.00	\$33,460.00	\$33,460.00
13.	8-Inch Polyethylene DR9 Pipe (Sta. 127+75 ~ Sta. 132+72) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$59,159.00	\$59,159.00	\$130,000.00	\$130,000.00	\$33,460.00	\$33,460.00
14.	8-Inch Polyethylene DR9 Pipe (Sta. 139+67 ~ Sta. 141+07) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$17,498.00	\$17,498.00	\$38,000.00	\$38,000.00	\$26,180.00	\$26,180.00
15.	8-Inch Polyethylene DR9 Pipe (Sta. 145+39 ~ Sta. 146+22) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$10,846.00	\$10,846.00	\$28,000.00	\$28,000.00	\$33,460.00	\$33,460.00
16.	8-Inch Polyethylene DR9 Pipe (Sta. 159+08 ~ Sta. 164+07) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$59,393.00	\$59,393.00	\$128,000.00	\$128,000.00	\$11,900.00	\$11,900.00
17.	8-Inch Polyethylene DR9 Pipe (Sta. 171+46 ~ Sta. 173+76) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$28,000.00	\$28,000.00	\$62,000.00	\$62,000.00	\$61,880.00	\$61,880.00
18.	12-Inch Mechanical Joint Resilient Seated Gate Valve and Box Including Concrete Valve Box Collar, Furnish and Install, Unclassified Excavation, Complete	2	Each	\$5,177.00	\$10,354.00	\$5,500.00	\$11,000.00	\$7,272.00	\$14,544.00
19.	6-Inch Mechanical Joint Resilient Seated Gate Valve and Box, Including Concrete Valve Box Collar, Furnish and Install, Unclassified Excavation, Complete	4	Each	\$1,969.00	\$7,876.00	\$2,300.00	\$9,200.00	\$5,353.00	\$21,412.00
20.	3-Inch Mechanical Joint Resilient Seated Gate Valve and Box, Including Concrete Valve Box Collar, Furnish and Install, Unclassified Excavation, Complete	2	Each	\$1,446.00	\$2,892.00	\$1,800.00	\$3,600.00	\$2,840.00	\$5,680.00
21.	Flushing Hydrant Assembly, Furnish and Install, Unclassified Excavation, Complete per Detail	6	Each	\$13,135.00	\$78,810.00	\$8,000.00	\$48,000.00	\$10,058.00	\$60,348.00
22.	Flush Hydrant Reconnects, Fittings, Unclassified Excavation, Complete	2	Each	\$1,983.00	\$3,966.00	\$3,000.00	\$6,000.00	\$4,884.00	\$9,768.00
23.	Remove Existing Hydrants and Turn Over to Owner, Complete	2	Each	\$1,072.00	\$2,144.00	\$2,000.00	\$4,000.00	\$1,400.00	\$2,800.00
24.	Cut/Cap and Block Existing 6-Inch, Complete	2	Each	\$668.00	\$1,336.00	\$1,500.00	\$3,000.00	\$3,850.00	\$7,700.00
25.	Cut/Cap and Block Existing 3-Inch, Complete	3	Each	\$435.00	\$1,305.00	\$1,500.00	\$4,500.00	\$3,800.00	\$11,400.00
26.	3-Inch Reconnect, Complete	2	Each	\$867.00	\$1,734.00	\$4,500.00	\$9,000.00	\$3,680.00	\$7,360.00
27.	Zone Meter Reconnect, Complete	1	Each	\$5,638.00	\$5,638.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00
28.	Cut and Tie Into Existing 12-Inch PVC, Including Removing Plug, Complete	1	Each	\$5,422.00	\$5,422.00	\$2,500.00	\$2,500.00	\$2,388.00	\$2,388.00

				ConnHurst LLC 879 Wilson Run F Wellingford, Kent	Road	B.P. Pipeline LLC 269 Pebbles Lan Quincy, Kentuck	ne	Southern Ohio Tren and Excavating Inc. 3228 County Road Ironton, Ohio 4563	c. I 103
ltem No.	Description	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
29.	Cut and Tie Into Existing 6-Inch PVC, Including Removing Plug, Complete	1	Each	\$4,275.00	\$4,275.00	\$2,000.00	\$2,000.00	\$2,389.00	\$2,389.00
30.	3/4-Inch Municepex Service Line, Furnishing, Trenching, Laying, Bedding and Backfilling, Copper Tracer Wire, Unclassified Excavation, Complete	4,321	L.F.	\$36.25	\$156,636.25	\$18.00	\$77,778.00	\$125.00	\$540,125.00
31.	Meter Reconnect, Unclassified Excavation, Including Tap, Service Saddle, and Corporation Stop, Complete	109	Each	\$1,048.25	\$114,259.25	\$800.00	\$87,200.00	\$2,133.00	\$232,497.00 *
32.	Test Meter Assembly, Furnish and Install, Complete per Detail	1	Each	\$2,797.00	\$2,797.00	\$2,300.00	\$2,300.00	\$6,000.00	\$6,000.00
33.	Fiberglass Line Markers, Furnish and Install, Complete	2	Each	\$76.00	\$152.00	\$50.00	\$100.00	\$35.00	\$70.00
34.	Crushed Rock on Trench Surface, In Place (LF x 225 lbs./2000 lbs. = Tons)	330	Ton	\$94.00	\$31,020.00	\$45.00	\$14,850.00	\$24.00	\$7,920.00
35.	Bituminous Surface Replacement, Trench Width as per Trench Detail, Typical Open Cut Crossing of County Roads and Driveways, Complete	2,212	L.F.	\$113.00	\$249,956.00	\$60.00	\$132,720.00	\$85.00	\$188,020.00
36.	Concrete Surface Replacement, Trench Width on Drives and Roads, Minimum 4-Inch Thickness or Match Existing Thickness if Greater than 4 Inches, Complete	164	L.F.	\$98.00	\$16,072.00	\$16.00	\$2,624.00	\$70.00	\$11,480.00
37.	No. 57 Crushed Stone for Trench Stabilization, Only on the Order of the Engineer	25	L.F.	\$59.00	\$1,475.00	\$45.00	\$1,125.00	\$24.00	\$600.00
	SUBTOTAL DIVISION B BASE BID			-	\$1,814,769.65 *	*	\$1,936,282.00	-	\$3,885,753.00 *
DIVISIO	ON C PUMP STATION AND MASTER METER REPLACEMENT—BASE								
ection	n 1								,
1.	For the complete construction of a new aboveground 1000 gpm/300 TDH pump station adjacent to the existing pump station as depicted on the drawings, plans, and specifications, including demolition of existing facilities and relocation of the existing natural gas generator and telemetry instrumentation, but excluding items listed in other divisions, sections, or subsections, complete		L.S.	\$843,954.00	\$843,954.00	\$600,000.00	\$600,000.00	\$1,091,067.00	\$1,091,067.00
2.	For the complete construction of a new master meter adjacent to the existing master meter as depicted on the drawings, plans, and specifications, including demolition and safe loading of the existing facilities and connection of the proposed master meter to the proposed yard piping for the new pump station, but excluding items listed in other divisions, sections, or subsections, complete	,	L.S.	\$56,867.00	\$56,867.00	\$130,000.00	\$130,000.00	\$133,646.00	\$133,646.00
	Subtotal Section 1			_	\$900,821.00	-	\$730,000.00	. _	\$1,224,713.00

				ConnHurst LLC 879 Wilson Run I Wellingford, Ken		B.P. Pipeline LLC 269 Pebbles Lan Quincy, Kentuck	ie	Southern Ohio Tren and Excavating Inc 3228 County Road Ironton, Ohio 4563	103
ltem No.	Description	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
Sectio	n 2Unit Price Items								
	nt for listed items shall be for actual quantities ordered by eer, authorized by Owner, and incorporated into the Work.								
1.	Compacted Dense Graded Aggregate, in Place, When Ordered by the Engineer	50	Ton	\$32.00	\$1,600.00	\$45.00	\$2,250.00	\$24.00	\$1,200.00
2.	Compacted #2 Stone, in Place, When Ordered by the Engineer	50	Ton	\$36.00	\$1,800.00	\$45.00	\$2,250.00	\$24.00	\$1,200.00
3.	Extra Earth Excavation When Ordered by the Engineer	40	C.Y.	\$32.00	\$1,280.00	\$60.00	\$2,400.00	\$24.00	\$960.00
4.	Compacted Earth Fill, in Place, When Ordered by the Engineer	40	C.Y.	\$32.00	\$1,280.00	\$80.00	\$3,200.00	\$24.00	\$960.00
5.	4,000 psi Concrete, in Place, Forms, and Reinforcing Included, When Ordered by the Engineer	5	C.Y.	\$294.00	\$1,470.00	\$350.00	\$1,750.00	\$500.00	\$2,500.00
6.	4,000 psi Concrete, in Place, When Ordered by the Engineer	5	C.Y.	\$235.00	\$1,175.00	\$350.00	\$1,750.00	\$600.00	\$3,000.00
	Subtotal Section 2Unit Price Items			_	\$8,605.00		\$13,600.00		\$9,820.00
	SUBTOTAL DIVISION C (Sections 1 and 2)				\$909,426.00		\$743,600.00		\$1,234,533.00
SUMM	ARY								
	DIVISION A BASE BID				\$457,496.00		\$582,230.00		\$923,101.00
	DIVISION B BASE BID				\$1,814,769.65	*	\$1,936,282.00		\$3,885,753.00
	DIVISION C PUMP STATION AND MASTER METER REPLACEMENTBASE BID			=	\$909,426.00	-	\$743,600.00		\$1,234,533.00
	TOTAL BASE BID, CONTRACT 691-21-01				\$3,181,691.65	*	\$3,262,112.00		\$6,043,387.00
ALTER	NATE 1 DIVISION "A"								
1.	14-Inch Polyethylene DR9 Pipe, Installed by Directional Drill Method or Open Cut, Furnishing, Trenching, Bedding, Laying, Backfilling, Fittings and Copper Tracer Wire, Unclassified Excavation, Complete	1,200	L.F.	\$223.30	\$267,960.00	\$125.00	\$150,000.00	\$405.00	\$486,000.00
2.	12-Inch Class 350 Ductile Iron Pipe, Furnishing, Trenching, Bedding, Laying, Backfilling, Ductile Iron Mechanical Joint Fittings and Copper Tracer Wire, Unclassified Excavation, Complete	77	L.F.	\$115.00	\$8,855.00	\$270.00	\$20,790.00	\$187.00	\$14,399.00
3.	24-Inch x 0.375- Inch Steel Cover Pipe, Including Spacers and End Seals, Furnish and Install, Open Cut or Bore, Including Loading Carrier Pipe, Complete	40	L.F.	\$232.00	\$9,280.00	\$220.00	\$8,800.00	\$1,308.00	\$52,320.00
4.	Bore and Jack for 24-Inch Steel Cover Pipe, Complete	40	L.F.	\$223.00	\$8,920.00	\$400.00	\$16,000.00	\$1,308.00	\$52,320.00

				ConnHurst LLC 879 Wilson Run Wellingford, Ken		B.P. Pipeline LLC 269 Pebbles Lan Quincy, Kentuck	e	Southern Ohio Tren and Excavating Inc 3228 County Road Ironton, Ohio 4563	103
ltem No.	Description	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
5.	14- Inch Polyethylene DR9 Pipe (Sta. 9+42 ~ Sta. 12+25) Installed by Directional Drill, Complete	283	L.F.	\$255.00	\$72,165.00	\$350.00	\$99,050.00	\$471.00	\$133,293.00
6.	14-Inch Polyethylene DR9 Pipe (Sta. 7+66 ~ Sta. 9+42) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$42,590.00	\$42,590.00	\$61,000.00	\$61,000.00	\$81,000.00	\$81,000.00
7.	14- Inch Polyethylene DR9 Pipe (Sta. 12+25 ~ Sta. 15+44) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$66,810.00	\$66,810.00	\$112,000.00	\$112,000.00	\$153,900.00	\$153,900.00
8.	3/4-Inch Municepex Service Line, Furnishing, Trenching, Laying, Bedding and Backfilling, Copper Tracer Wire, Unclassified Excavation, Complete	1,030	L.F.	\$35.80	\$36,874.00	\$18.00	\$18,540.00	\$125.00	\$128,750.00
9.	12-Inch Mechanical Joint Resilient Seated Gate Valve and Box Including Concrete Collar, Furnish and Install, Unclassified Excavation, Complete	5 5	Each	\$6,681.00	\$33,405.00	\$5,500.00	\$27,500.00	\$7,272.00	\$36,360.00
10.	Flushing Hydrant Assembly, Furnish and Install, Unclassified Excavation, Complete per Detail	2	Each	\$13,354.00	\$26,708.00	\$8,000.00	\$16,000.00	\$10,058.00	\$20,116.00
11.	Meter Reconnect, Including Tap, Service Saddle, and Corporation Stop, Complete	16	Each	\$1,243.00	\$19,888.00	\$1,900.00	\$30,400.00	\$2,133.00	\$34,128.00
12.	Fiberglass Line Marker, Furnish and Install, Complete	3	Each	\$76.00	\$228.00	\$50.00	\$150.00	\$35.00	\$105.00
13.	Cut and Tie Into Existing 12-Inch PVC, Complete	1	Each	\$5,932.00	\$5,932.00	\$4,000.00	\$4,000.00	\$9,600.00	\$9,600.00
14.	No. 57 Crushed Stone for Trench Stabilization, Only on the Order of the Engineer	25	Ton	\$59.00	\$1,475.00	\$45.00	\$1,125.00	\$24.00	\$600.00
	SUBTOTAL ALTERNATE 1 DIVISION "A"				\$601,090.00		\$565,355.00		\$1,202,891.00
LTER	NATE 1 DIVISION "B"								
1.	8-Inch Polyethylene DR9 Pipe, Installed by Directional Drill Method or Open Cut, Furnishing, Trenching, Bedding, Laying, Backfilling, Fittings and Copper Tracer Wire, Unclassified Excavation, Complete	13,352	L.F.	\$131.75	\$1,759,126.00	\$88.00	\$1,174,976.00	\$230.00	\$3,070,960.00
2.	4-Inch Polyethylene DR9 Pipe, Installed by Directional Drill Method or Open Cut, Furnishing, Trenching, Bedding, Laying, Backfilling, Fittings and Copper Tracer Wire, Unclassified Excavation, Complete	335	L.F.	\$105.25	\$35,258.75	\$58.00	\$19,430.00	\$130.00	\$43,550.00
3.	14-Inch Polyethylene DR9 Pipe, Installed by Directional Drill Method or Open Cut, Furnishing, Trenching, Bedding, Laying, Backfilling, Fittings and Copper Tracer Wire, Unclassified Excavation, Complete	55	L.F.	\$212.00	\$11,660.00	\$350.00	\$19,250.00	\$405.00	\$22,275.00
4.	20- Inch x 0.375-Inch Steel Cover Pipe, Including Spacers and End Seals, Furnish and Install, Open Cut or Bore, Including Loading Carrier Pipe, Complete	40	L.F.	\$232.00	\$9,280.00	\$220.00	\$8,800.00	\$1,308.00	\$52,320.00

				ConnHurst LLC 879 Wilson Run Ro Wellingford, Kentu		B.P. Pipeline LLC 269 Pebbles Lane Quincy, Kentucky		Southern Ohio Trend and Excavating Inc. 3228 County Road 1 Ironton, Ohio 45638	03
ltem No.	Description	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
5.	Bore and Jack for 20-Inch Steel Cover Pipe	40	L.F.	\$223.00	\$8,920.00	\$380.00	\$15,200.00	\$1,308.00	\$52,320.00
6.	14-Inch x 0.375-Inch Steel Cover Pipe, Including Spacers and End Seals, Furnish and Install, Open Cut or Bore, Including Loading Carrier Pipe, Complete	180	L.F.	\$126.00	\$22,680.00	\$220.00	\$39,600.00	\$1,308.00	\$235,440.00
7.	Bore and Jack for 14-Inch Steel Cover Pipe	180	L.F.	\$146.00	\$26,280.00	\$280.00	\$50,400.00	\$1,308.00	\$235,440.00
8.	8-Inch Polyethylene DR9 Pipe (Sta. 27+64 ~ Sta. 28+91) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$18,315.00	\$18,315.00	\$31,000.00	\$31,000.00	\$30,000.00	\$30,000.00
9.	8-Inch Polyethylene DR9 Pipe (Sta. 41+69 ~ Sta. 43+04) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$7,735.00	\$7,735.00	\$35,000.00	\$35,000.00	\$40,460.00	\$40,460.00
10.	8-Inch Polyethylene DR9 Pipe (Sta. 66+30 ~ Sta. 66+64) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$6,995.00	\$6,995.00	\$13,000.00	\$13,000.00	\$14,880.00	\$14,880.00
11.	8-Inch Polyethylene DR9 Pipe (Sta. 90+90 ~ Sta. 91+45) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$9,913.00	\$9,913.00	\$18,000.00	\$18,000.00	\$19,840.00	\$19,840.00
12.	8-Inch Polyethylene DR9 Pipe (Sta. 110+53 ~ Sta. 111+44) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$13,997.00	\$13,997.00	\$30,000.00	\$30,000.00	\$33,460.00	\$33,460.00
13.	8-Inch Polyethylene DR9 Pipe (Sta.127+75 ~ Sta. 132+72) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$59,159.00	\$59,159.00	\$130,000.00	\$130,000.00	\$33,460.00	\$33,460.00
14.	8- Inch Polyethylene DR9 Pipe (Sta. 139+67 ~ Sta. 141+07) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$17,498.00	\$17,498.00	\$38,000.00	\$38,000.00	\$26,180.00	\$26,180.00
15.	8-Inch Polyethylene DR9 Pipe (Sta. 145+39 ~ Sta. 146+22) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$10,846.00	\$10,846.00	\$28,000.00	\$28,000.00	\$33,460.00	\$33,460.00
16.	8-Inch Polyethylene DR9 Pipe (Sta. 159+08 ~ Sta. 164+07) Installed by Directional Drill, Including Transition Fittings, Furnish, Complete	1	L.S.	\$59,393.00	\$59,393.00	\$128,000.00	\$128,000.00	\$11,900.00	\$11,900.00
17.	8-Inch Polyethylene DR9 Pipe (Sta. 171+46 ~ Sta. 173+76) Installed by Directional Drill, Including Transition Fittings, Complete	1	L.S.	\$28,000.00	\$28,000.00	\$62,000.00	\$62,000.00	\$61,880.00	\$61,880.00
18.	12-Inch Mechanical Joint Resilient Seated Gate Valve and Box, Including Concrete Valve Box Collar, Furnish and Install, Unclassified Excavation, Complete	2	Each	\$6,681.00	\$13,362.00	\$5,500.00	\$11,000.00	\$7,272.00	\$14,544.00
19.	6-Inch Mechanical Joint Resilient Seated Gate Valve and Box, Including Concrete Valve Box Collar, Furnish and Install, Unclassified Excavation, Complete	4	Each	\$2,127.00	\$8,508.00	\$2,300.00	\$9,200.00	\$5,353.00	\$21,412.00

				ConnHurst LLC 879 Wilson Run I Wellingford, Ken		B.P. Pipeline LLC 269 Pebbles Lar Quincy, Kentuck	e	Southern Ohio Trea and Excavating Inc 3228 County Road Ironton, Ohio 4563	103
ltem No.	Description	Quantity	Unit	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
20.	3-Inch Mechanical Joint Resilient Seated Gate Valve and Box, Including Concrete Valve Box Collar, Furnish and Install, Unclassified Excavation, Complete	2	Each	\$1,446.00	\$2,892.00	\$1,800.00	\$3,600.00	\$2,840.00	\$5,680.00
21.	Flushing Hydrant Assembly, Furnish, Install, Unclassified Excavation, Complete per Detail	6	Each	\$13,354.00	\$80,124.00	\$8,000.00	\$48,000.00	\$10,058.00	\$60,348.00
22.	Flush Hydrant Reconnects, Fittings, Unclassified Excavation, Complete	2	Each	\$1,984.00	\$3,968.00	\$3,000.00	\$6,000.00	\$4,884.00	\$9,768.00
23.	Remove Existing Hydrants and Turn Over To Owner	2	Each	\$1,072.00	\$2,144.00	\$2,000.00	\$4,000.00	\$1,400.00	\$2,800.00
24.	Cut/Cap and Block Existing 6-Inch	2	Each	\$668.00	\$1,336.00	\$1,500.00	\$3,000.00	\$3,850.00	\$7,700.00
25.	Cut/Cap and Block Existing 3-Inch	3	Each	\$435.00	\$1,305.00	\$1,500.00	\$4,500.00	\$3,800.00	\$11,400.00 *
26.	3-Inch Reconnect, Complete	2	Each	\$867.00	\$1,734.00	\$4,500.00	\$9,000.00	\$3,680.00	\$7,360.00
27.	Zone Meter Reconnect, Complete	1	Each	\$5,638.00	\$5,638.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00
28.	Cut and Tie Into Existing 12-Inch PVC, Including Removing Plug, Complete	1	Each	\$5,422.00	\$5,422.00	\$2,500.00	\$2,500.00	\$2,388.00	\$2,388.00
29.	Cut and Tie Into Existing 6-Inch PVC, Including Removing Plug, Complete	1	Each	\$4,275.00	\$4,275.00	\$2,000.00	\$2,000.00	\$2,389.00	\$2,389.00
30.	3/4-Inch Municepex Service Line, Furnishing, Trenching, Laying, Bedding and Backfilling, Copper Tracer Wire, Unclassified Excavation, Complete	4,321	L.F.	\$36.25	\$156,636.25	\$18.00	\$77,778.00	\$125.00	\$540,125.00
31.	Meter Reconnect, Unclassified Excavation, Including Tap, Service Saddle, and Corporation Stop, Complete	109	Each	\$1,032.00	\$112,488.00	\$800.00	\$87,200.00	\$2,133.00	\$232,497.00 *
32.	Test Meter Assembly, Furnish and Install, Complete	1	Each	\$2,746.00	\$2,746.00	\$2,300.00	\$2,300.00	\$6,000.00	\$6,000.00
33.	Fiberglass Line Markers, Furnish and Install, Complete	2	Each	\$76.00	\$152.00	\$50.00	\$100.00	\$35.00	\$70.00
34.	Crushed Rock on Trench Surface, in Place (LF x 225 lbs./2000 lbs. = Tons)	33	Ton	\$94.00	\$3,102.00	\$45.00	\$1,485.00	\$24.00	\$792.00
35.	No. 57 Crushed Stone for Trench Stabilization, Only on the Order of the Engineer	25	Ton	\$59.00	\$1,475.00	\$60.00	\$1,500.00	\$24.00	\$600.00
	SUBTOTAL ALTERNATE 1 DIVISION "B"				\$2,512,363.00		\$2,116,819.00		\$4,947,698.00 *
ALTER	NATE SUMMARY								
	ALTERNATE 1 DIVISION "A"				\$601,090.00		\$565,355.00		\$1,202,891.00
	ALTERNATE 1 DIVISION "B"			=	\$2,512,363.00		\$2,116,819.00	=	\$4,947,698.00 *
	TOTAL ALTERNATE 1				\$3,113,453.00		\$2,682,174.00	_	\$6,150,589.00 *
*Corre	cted math error.			I		I		I	



January 22, 2025

Mr. Tim Webb, District Manager 1606 Cannonsburg Road Ashland, KY 41102

Subject: Evaluation of bids for Award Contract 691-21-01 Water System Improvements Shopes Creek Rd. Area Cannonsburg Water District Cannonsburg, Kentucky

Dear Mr. Webb:

We are pleased to submit our evaluations for award of the subject contract. Following the January 22, 2025 bid opening, we reviewed, mathematically checked, tabulated all bids received and contacted references. Enclosed please find the Bid Tabulation for your review and acceptance as desired.

Contractor interest in your project was good, with three (3) bids received. The project low bid totaled \$3,181,691.65 compared to Bell Engineering's Opinion of Probable Construction Cost of \$2,648,478. The low bid was \$533,213.35 above the Engineer's As-Designed Opinion of Probable Construction Cost.

			Difference
Bidder Rank	Bidder Name	Bid Amount	Above Low
1	Conhurst LLC	*\$3,181,691.65	NA
2	B.P. Pipeline LLC	\$3,262,112.00	\$80,420.35
3	Southern Ohio Trenching and Excavating	\$6,043,387.00	\$2,861,695.35
Engineer's Op	vinion of Probable Construction Cost	\$2,648,478	(\$533,213.35)

*Corrected Math Error

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The low bidder, Conhurst LLC of Wellingford KY, has been contacted and have informed us that they are satisfied with their bid and are capable of performing the work to a satisfactory level. References for the company indicates that they are capable of conducting the work. We believe them to be capable of completing Contract 691-21-01 and recommend Cannonsburg Water District board and council review this evaluation in their determination to award the bid.

If the preceding is acceptable, we suggest the Board pass a resolution of award for the contract, and advise Bell Engineering to distribute contract documents for execution. We will be happy to meet with you to discuss bid results at your convenience, if desired. Should you have any questions about this or any other matter, please do not hesitate to call.

Sincerely, Bell Engineering

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Ben Allen, P.E. Project Manager



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